

DUTY AREA
AIRCRAFT COMMUNICATIONS/NAVIGATION SYSTEMS TECHNICIAN (MOS 6316)

A. GENERAL, OPERATIONAL AND SAFETY DUTIES

1. Operates and maintains 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.

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 System.
3. Demonstrates/applies knowledge of the principles of wire/connector repair and performs applicable organizational level maintenance using appropriate maintenance procedures and support/test equipment.
4. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Communication Navigation Management System using appropriate maintenance procedures and support/test equipment.
5. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the AN/AIC-14, Intercommunications System (ICS) using appropriate maintenance procedures and support/test equipment.
6. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the AN/AIC-18, Intercommunications System (ICS) using appropriate maintenance procedures and support/test equipment.
7. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the AN/AIC-13, Public Address System using appropriate maintenance procedures and support/test equipment.
8. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the AN/ARC-159, UHF Radio System 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/ARC-164, UHF Radio 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/ARA-25, UHF Directional Finder (DF) 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/ARA-50, UHF Directional Finder (DF) 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 DF-301E, UHF Directional Finder (DF) 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/ARC-186, VHF Radio 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/ARC-210, V/UHF Radio System 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/ARC-94, High Frequency (HF) System using appropriate maintenance procedures and support/test equipment.

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16. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ARC-102, High Frequency (HF) System** using appropriate maintenance procedures and support/test equipment.
17. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ARC-190, High Frequency (HF) System** using appropriate maintenance procedures and support/test equipment.
18. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/APX-72, IFF System** 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/APX-100, IFF 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 **AN/APX-76, IFF Interrogator System** using appropriate maintenance procedures and support/test equipment.
21. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Traffic Collision and Avoidance System (TCAS)** using appropriate maintenance procedures and support/test equipment.
22. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/APS-133, Weather Radar System** using appropriate maintenance procedures and support/test equipment.
23. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **DF-206, Automatic Directional Finder (ADF) System** using appropriate maintenance procedures and support/test equipment.
24. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ARN-151, Global Positioning System (GPS)** using appropriate maintenance procedures and support/test equipment.
25. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ARN-126, Visual OMNI Range Receiver (VOR) System** using appropriate maintenance procedures and support/test equipment.
26. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ARN-118/139, TACAN systems** using appropriate maintenance procedures and support/test equipment.
27. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **LTN-72/100, Inertial Navigation System** using appropriate maintenance procedures and support/test equipment.
28. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **C-12 Compass System** using appropriate maintenance procedures and support/test equipment.
29. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/APN-232, Combined Altitude Radar Altimeter (CARA)** using appropriate maintenance procedures and support/test equipment.
30. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ARA-63, Microwave Landing System (MLS)** using appropriate maintenance procedures and support/test equipment.
31. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Direct Air Support Center (DASC)** using appropriate maintenance procedures and support/test equipment.
32. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Horizontal Situation Indicator (HSI)/flight director system** using appropriate maintenance procedures and support/test equipment.

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33. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Mark VII Ground Proximity Warning System (GPWS)** using appropriate maintenance procedures and support/test equipment.
34. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **KY-58 Secure Voice System** using appropriate maintenance procedures and support/test equipment.
35. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **USC-43V Advanced Narrowband Digital Voice Terminal** 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 NAMTRA MARUNIT. 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, 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 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 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 COMMUNICATIONS/NAVIGATION SYSTEMS TECHNICIAN (MOS 6316)

NAME/SSN _____

Granted MOS 6311 _____ / _____ Level II Completed _____ / _____
 Granted MOS 6316 _____ / _____ Level III Completed _____ / _____
 _____ / _____ Level IV Completed _____ / _____

DUTY #	DUTY DESCRIPTION	LEVEL I		LEVEL II		LEVEL III		LEVEL IV	
		DATE	/ SIGN						
A.	GENERAL, OPERATIONAL AND SAFETY DUTIES	XXXXXXXXXXXXXXXXXXXX							
A.1	SUPPORT/SPECIAL EQUIPMENT	XXXXXXXXXXXXXXXXXXXX	/	/	/	/	/	/	/
A.2	SAFETY PRECAUTIONS AND PROCEDURES	/		/		/		/	
A.3	AIRCRAFT PUBLICATIONS, DIAGRAMS, SKETCHES AND DRAWINGS	XXXXXXXXXXXXXXXXXXXX		/		/		/	
A.4	PRECISION MEASURING EQUIPMENT	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.	SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES	XXXXXXXXXXXXXXXXXXXX							
B.1	SCHEDULED/UNSCHEDULED INSPECTIONS	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.2	TECHNICAL DIRECTIVES SYSTEM	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX		/		/	
B.3	WIRE/CONNECTOR REPAIR	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.4	COMMUNICATION NAVIGATION MANAGEMENT SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.5	AN/AIC-14, INTERCOMMUNICATIONS SYSTEM (ICS)	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.6	AN/AIC-18, INTERCOMMUNICATIONS SYSTEM (ICS)	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.7	AN/AIC-13, PUBLIC ADDRESS SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.8	AN/ARC-159, UHF RADIO SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.9	AN/ARC-164, UHF RADIO SYSTEM	XXXXXXXXXXXXXXXXXXXX							
B.10	AN/ARA-25, UHF DIRECTIONAL FINDER (DF) SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.11	AN/ARA-50, UHF DIRECTIONAL FINDER (DF) SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.12	DF-301E, UHF DIRECTIONAL FINDER (DF) SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.13	AN/ARC-186, VHF RADIO SYSTEM	XXXXXXXXXXXXXX XXXX		/		/		/	
B.14	AN/ARC-210, V/UHF RADIO SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.15	AN/ARC-94, HIGH FREQUENCY (HF) SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.16	AN/ARC-102, HIGH FREQUENCY (HF) SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.17	AN/ARC-190, HIGH FREQUENCY (HF) SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.18	AN/APX-72, IFF SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.19	AN/APX-100, IFF SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.20	AN/APX-76, IFF INTERROGATOR SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.21	TRAFFIC COLLISION AND AVOIDANCE SYSTEM (TCAS)	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.22	AN/APS-133, WEATHER RADAR SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.23	DF-206, AUTOMATIC DIRECTIONAL FINDER (ADF) SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.24	AN/ARN-151 GLOBAL POSITIONING SYSTEM (GPS)	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.25	AN/ARN-126, VISUAL OMNI RANGE RECEIVER (VOR) SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.26	AN/ARN-118/139, TACAN SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	

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DUTY #	DUTY DESCRIPTION	LEVEL I		LEVEL II		LEVEL III		LEVEL IV	
		DATE	/ SIGN	DATE	/ SIGN	DATE	/ SIGN	DATE	/ SIGN
B.27	LTN-72/100 INERTIAL NAVIGATION SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.28	C-12 COMPASS SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.29	AN/APN-232, COMBINED ALTITUDE RADAR ALTIMETER (CARA) SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.30	AN/ARA-63, MICROWAVE LANDING SYSTEM (MLS)	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.31	DIRECT AIR SUPPORT CENTER (DASC) SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.32	HORIZONTAL SITUATION INDICATOR (HSI)/FLIGHT DIRECTOR SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.33	MARK VII GROUND PROXIMITY WARNING SYSTEM (GPWS)	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.34	KY-58 SECURE VOICE SYSTEM	XXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXXXX		/		/	
B.35	USC-43V ADVANCED NARROWBAND DIGITAL VOICE TERMINAL	XXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXXXX		/		/	

DATE: April 2002

INDIVIDUAL QUALIFICATION RECORD
AIRCRAFT COMMUNICATIONS/NAVIGATION SYSTEMS TECHNICIAN (MOS 6316)

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	Aircraft maintenance platforms, B-1, B-4, & B-5	NA19-15-7		/ /	/ /	
B	Connector repair set (DMC-230)	NA01-75GA(X)-2-14		*	/ /	
C	Heat gun, HT-900	NA01-75GA(X)-2-14		*	/ /	
D	Liaison antenna ladder	NA00-80T-96		/ /	*	/ /

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/sealants (Shelf life)	OSHA 29 CFR 1910 NAVAIR A1-NAOSH- SAF-000/P5100-1 Local Inst		/ /	*	/ /
A-3	Hazardous materials	OPNAVINST 4790.2 OSHA 29 CFR 1910 NAVAIR A1-NAOSH- SAF-000/P5100-1 Local Inst		/ /	*	/ /
A-4	Safety procedures near electricity	OSHA 29 CFR 1910 NAVAIR A1-NAOSH- SAF-000/P5100-1 Local Inst	*	* / /	*	/ /
A-5	Entry into confined spaces	OSHA 29 CFR 1910 NAVAIR A1-NAOSH- SAF-000/P5100-1 Local Inst		/ /	*	/ /
A-6	Gas free engineering	OSHA 29 CFR 1910 NAVAIR A1-NAOSH- SAF-000/P5100-1 Local Inst		/ /	*	/ /
A-7	Personal protective clothing (Safety/flight boots, clothing, hearing/eye protection, etc)	OSHA 29 CFR 1910 NAVAIR A1-NAOSH- SAF-000/P5100-1 Local Inst	*	* / /	*	/ /

DA A.2 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV	
A-8	Safety markings	OSHA 29 CFR 1910 NAVAIR A1-NAOSH-SAF-000/P5100-1 Local Inst		*	/ /	*	/ /
B	Precautions & procedures on/around aircraft & support equipment						
B-1	Safety procedures on/around turning aircraft	NA01-75GA(X)-2-1 Local Inst		*	/ /	*	/ /
B-2	Safety procedures on/near aircraft with pneumatic power	NA01-75GA(X)-2-1 Local Inst		*	/ /	*	/ /
B-3	Safety procedures on/near aircraft when applying or removing external electrical power	NA01-75GA(X)-2-1 NA01-75GA(X)-2-4	*	*	/ /	*	/ /
B-4	Safety procedures on/near aircraft with use of hydraulic power	NA01-75GA(X)-2-1 Local Inst		*	/ /	*	/ /
B-5	Safety procedures on/near aircraft with ordnance	NA01-75GA(X)-2-1 Local Inst		*	/ /	*	/ /
B-6	Safety procedures when jacking aircraft or while aircraft is on jacks	NA01-75GA(X)-2-1 Local Inst		*	/ /	*	/ /
B-7	Safety procedures on/near aircraft maintenance platforms	NA01-75GA(X)-2-1 Local Inst		*	/ /	*	/ /
B-8	Safety procedures when washing aircraft	NA01-75GA(X)-2-1 NA01-1A-509 Local Inst		*	/ /	*	/ /
B-9	Safety procedures on/near support equipment operations	NA01-75GA(X)-2-1 Local Inst		*	/ /	*	/ /
B-10	Safety procedures when securing aircraft with protective covers/devices (red gear)	NA01-75GA(X)-2-1 Local Inst		/ /		*	/ /
B-11	Safety procedures when installing or removing aircraft safety pins and locks	NA01-75GA(X)-2-1 Local Inst		/ /		*	/ /
C	Line emergency procedures						
C-1	Types of fire extinguishers	NA01-75GA(X)-2-1		/ /	*	/ /	
C-2	Emergency egress procedures	NA01-75GA(X)-2-1		/ /	*	/ /	
C-3	Fire fighting			/ /		/ /	
C-3.1	Proper extinguishing for hot brakes	NA01-75GA(X)-2-1		/ /	*	/ /	
C-3.2	Proper extinguishing for engine fire	NA01-75GA(X)-2-1		/ /	*	/ /	
C-3.3	Proper extinguishing for electrical fire	NA01-75GA(X)-2-1		/ /	*	/ /	
C-3.4	Proper extinguishing for GTC/APU fire	NA01-75GA(X)-2-1		/ /	*	/ /	
C-4	Emergency hand signals	NA01-75GA(X)-2-1		/ /	*	/ /	
D	Hydraulic contamination	OPNAVINST 4790.2 NA01-1A-17 Local Inst		/ /	*	/ /	
E	Electro-magnetic interference (EMI), Electrical Static Discharge (ESD), & Electro-Magnetic Compatibility (EMC)	OPNAVINST 4790.2 Local Inst		/ /	*	/ /	

DA A.2 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
F	Emergency reclamation	OPNAVINST 4790.2 NA01-1A-509 Local Inst		/ /	* / /	

A.3 Demonstrates/applies knowledge of applicable aircraft publications, diagrams, sketches and drawings.

A	Naval Aviation Maintenance Program (NAMP)	OPNAVINST 4790.2_		* / /	* / /	
B	Naval Air Systems Command Technical Manual Program	NA00-25-100		/ /	* / /	
C	Occupational Safety & Health Administration Manual	OSHA 29 CFR 1910		/ /	* / /	
D	Safety Requirements for Naval Aviation Shore Activities Manual	NAVAIR A1-NAOSH-SAF-000/P5100-1		/ /	* / /	
E	Aircraft Cleaning & Corrosion Control Manual	NA01-1A-509		/ /	* / /	
F	Avionics Corrosion Control Manual	NA16-1-540		/ /	* / /	
G	Preservation of Naval Aircraft Manual	NA15-01-500		/ /	* / /	
H	Support Equipment Corrosion Control Manual	NA17-1-125		/ /	* / /	
I	Compass Calibration Procedures Manual	MIL-STD-765A		/ /	* / /	
J	Work Unit Code Manual	NA01-75GA-8	*	/ /	* / /	
K	Maintenance Requirement Cards Decks	NA01-75GA(X)-6-X	*	/ /	* / /	
L	NATOPS Manual	NA01-75GA(X)-1		/ /	/ /	
M	Principles of Operation, System Schematics, Testing & Troubleshooting Manuals	NA01-75GA(X)-2-1 thru NA01-75GA(X)-2-13				
N	System Maintenance/IPB Manuals	NA01-75GA(X)-4-1 thru NA01-75GA(X)-4-10	*	/ /	* / /	
O	Connector/Wire Repair Manuals	NA01-1A-505 NA01-75GA(X)-2-14	*	/ /	* / /	

A.4 Performs tasks on the aircraft using applicable precision measuring equipment.

A	Operates time domain reflectometer test set (15020PT4)	Owners Manual		* / /	* / /	
B	Operates multimeter	NA01-75GA(X)-2-8	*	/ /	* / /	
C	Operates watt meter	NA01-75GA(X)-2-8	*	/ /	* / /	
D	Operates VOR/ILS Test Set	NA01-75GA(X)-2-8	*	/ /	* / /	
E	Operates pressure altimeter test set	NA01-75GA(X)-2-8		/ /	* / /	
F	Operates IFF test set, AN/APM-480	NA01-75GA(X)-2-8	*	/ /	* / /	
G	FSC-105/C-12 test set	NA01-75GA(X)-2-8		/ /	/ /	
H	Instrument relay test set	NA01-75GA(X)-2-8	*	/ /	/ /	
I	Operates TACAN test set	NA01-75GA(X)-2-8	*	/ /	* / /	
J	Operates MC-1000 Compass Calibration test set	NA01-75GA(X)-2-8		/ /	* / /	

IQR, MOS 6316, NAME: _____

DATE: April 2002

INDIVIDUAL QUALIFICATION RECORD
AIRCRAFT COMMUNICATIONS/NAVIGATION SYSTEMS TECHNICIAN (MOS 6316)

B. SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES

B.1 Performs required 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	Periodic Maintenance Information Cards	NA01-75GA(X)-6-1		*	/ /	*	/ /
B	Phase Maintenance Requirement Cards	NA01-75GA(X)-6-4		*	/ /	*	/ /
B-1	Performs "A" phase inspection	NA01-75GA(X)-6-4			/ /	*	/ /
B-2	Performs "B" phase inspection	NA01-75GA(X)-6-4		*	/ /	*	/ /
B-3	Performs "C" phase inspection	NA01-75GA(X)-6-4			/ /	*	/ /
B-4	Performs "D" phase inspection	NA01-75GA(X)-6-4			/ /	*	/ /
C	Performs 28 day inspection	NA01-75GA(X)-6-3			/ /	/	/ /
D	Performs 56 day inspection	NA01-75GA(X)-6-3		*	/ /	*	/ /
E	Performs 112 day inspection	NA01-75GA(X)-6-3			/ /	/	/ /
E	Performs 224 day inspection	NA01-75GA(X)-6-3			/ /	/	/ /
F	Performs daily inspection	NA01-75GA(X)-6-3			/ /	/	/ /
G	Performs preservation/depreservation inspections	NA01-75GA(X)-6-3 Local Inst			/ /	*	/ /
H	Performs acceptance/transfer inspections	OPNAVINST 4790.2 Local Inst			/ /	*	/ /
I	Perform annual compass swing	NA01-75GA(X)-6-3			/ /	*	/ /

B.2 Incorporates applicable Technical Directives System.

A	Rapid Action Engineering Change (RAMEC) Proposals	NAVAIRINST 5215.10			/ /	*	/ /	
B	Incorporates Technical Directives changes/bulletins	OPNAVINST 4790.2			/ /	*	/ /	

B.3 Demonstrates/applies knowledge of the principles of wire/connector repair and performs applicable organizational level maintenance using appropriate maintenance procedures and support/test equipment.

A	Use of crimpers	NA01-1A-505 NA01-75GA(X)-2-14			*	/ /	*	/ /	
B	Use of insertion and removal tools for rear release connectors	NA01-1A-505 NA01-75GA(X)-2-14			*	/ /	*	/ /	
C	Use of wire strippers	NA01-1A-505 NA01-75GA(X)-2-14			*	/ /	*	/ /	
D	Use of wire type list	NA01-1A-505 NA01-75GA(X)-2-14			*	/ /	*	/ /	

DA B.3 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
E	Repairs coaxial connectors	NA01-1A-505 NA01-75GA(X)-2-14		*	/ /	*	/ /
F	Performs soldering (normal)	NA01-1A-505 NA01-75GA(X)-2-14		*	/ /	*	/ /
G	Uses of environmental splices	NA01-1A-505 NA01-75GA(X)-2-14		*	/ /	*	/ /
H	Repairs aircraft wiring	NA01-1A-505 NA01-75GA(X)-2-14			/ /	*	/ /

B.4 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Communication Navigation Management System (CNMS) using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Communication Navigation Management system	NA01-75GAA-2-8		*	/ /	*	/ /
B	Functional check						
B-1	Communication Navigation Management system	NA01-75GAA-2-8		*	/ /	*	/ /
C	Fault isolation						
C-1	Communication Navigation Management system	NA01-75GAA-2-8			/ /	*	/ /
D	Organizational maintenance						
D-1	R&R Control Display Navigation Unit	NA01-75GAA-2-8		*	/ /	*	/ /
D-2	R&R Interface Shipset	NA01-75GAA-2-8		*	/ /	*	/ /
D-3	R&R Signal Data Converter	NA01-75GAA-2-8		*	/ /	*	/ /

B.5 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the AN/AIC-14, Intercommunications System (ICS) using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Intercommunication system	NA01-75GAA-2-8		*	/ /	*	/ /
B	Functional check						
B-1	Intercommunication system	NA01-75GAA-2-8	64180	*	/ /	*	/ /
C	Fault isolation						
C-1	Intercommunication system	NA01-75GAA-2-8	64180		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R ICS select control panel	NA01-75GAA-2-8	64183	*	/ /	*	/ /
D-2	Adjusts intercom box, J1013/AIC	NA01-75GAA-2-8	6481F	*	/ /	*	/ /
D-3	Repairs ICS cordage	NA01-75GAA-2-8	428RL	*	/ /	*	/ /

B.6 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/AIC-18, Intercommunications System (ICS)** using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	Intercommunication system	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	Intercommunication system	NA01-75GA(X)-2-8	64210		/ /	*	/ /
C	Fault isolation						
C-1	Intercommunication system	NA01-75GA(X)-2-8	64210		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R ICS control, box	NA01-75GA(X)-2-8	64211		/ /	*	/ /
D-2	Repairs ICS cordage	NA01-75GA(X)-2-8	6483R		/ /	*	/ /

B.7 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/AIC-13, Public Address System** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Public address set	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	Public address set	NA01-75GA(X)-2-8	64170		/ /	*	/ /
C	Fault isolation						
C-1	Public address set	NA01-75GA(X)-2-8	64170		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R control unit	NA01-75GA(X)-2-8	64173		/ /	/	/
D-2	R&R amplifiers	NA01-75GA(X)-2-8	64172		/ /	/	/
D-3	R&R loud speaker	NA01-75GA(X)-2-8	64171		/ /	/	/

B.8 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ARC-159, UHF Radio System** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	UHF system	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	UHF system	NA01-75GA(X)-2-8	632Z0	*	/ /	*	/ /
C	Fault isolation						
C-1	UHF system	NA01-75GA(X)-2-8	632Z0		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R UHF receiver/transmitter unit	NA01-75GA(X)-2-8	632Z100	*	/ /	*	/ /
D-2	R&R UHF antenna	NA01-75GA(X)-2-8	63Y1F		/ /	*	/ /
D-3	R&R UHF antenna control unit	NA01-75GA(X)-2-8	63Y1A		/ /	/	/
D-4	R&R UHF antenna switching unit	NA01-75GA(X)-2-8	63Y1B		/ /	/	/
D-5	R&R low by-pass filter	NA01-75GA(X)-2-8			/ /	/	/

B.9 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ARC-164, UHF Radio 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 operation						
A-1	UHF system	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	UHF system	NA01-75GA(X)-2-8	632Z0	*	/ /	*	/ /
C	Fault isolation						
C-1	UHF system	NA01-75GA(X)-2-8	632Z0		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R UHF receiver/transmitter unit	NA01-75GA(X)-2-8		*	/ /	*	/ /

B.10 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ARA-25, UHF Directional Finder (DF) System** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Directional finder system	NA01-75GAA-2-8		*	/ /	*	/ /
B	Functional check						
B-1	Directional finder system	NA01-75GAA-2-8	71130	*	/ /	*	/ /
C	Fault isolation						
C-1	Directional finder system	NA01-75GAA-2-8	71130		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R amplifier	NA01-75GAA-2-8	71132	*	/ /	*	/ /
D-2	R&R antenna	NA01-75GAA-2-8	71134	*	/ /	*	/ /
D-3	R&R switching relay	NA01-75GAA-2-8	71133		/ /	/ /	
D-4	R&R power converter	NA01-75GAA-2-8			/ /	/ /	

B.11 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ARA-50, UHF Directional Finder (DF) System** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Directional finder system	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	Directional finder system	NA01-75GA(X)-2-8	71160		/ /	*	/ /
C	Fault Isolation						
C-1	Directional finder system	NA01-75GA(X)-2-8	71160		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R amplifier	NA01-75GA(X)-2-8	7116200		/ /	*	/ /
D-2	R&R antenna	NA01-75GA(X)-2-8	71161		/ /	*	/ /
D-3	R&R switching relay	NA01-75GA(X)-2-8	7116250		/ /	*	/ /

B.12 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **DF-301E, UHF Directional Finder (DF) 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 operation						
A-1	Directional finder system	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	Directional finder system	NA01-75GA(X)-2-8			/ /	*	/ /
C	Fault isolation						
C-1	Directional finder system	NA01-75GA(X)-2-8			/ /	*	/ /
D	Organizational maintenance						
D-1	R&R antenna	NA01-75GA(X)-2-8			/ /	*	/ /
D-2	R&R switching relay	NA01-75GA(X)-2-8			/ /	*	/ /

B.13 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ARC-186, VHF Radio System** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	VHF system	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	VHF system	NA01-75GA(X)-2-8	621R0	*	/ /	*	/ /
C	Fault isolation						
C-1	VHF system	NA01-75GA(X)-2-8	621R0		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R control panel	NA01-75GA(X)-2-8	621R600	*	/ /	*	/ /
D-2	R&R receiver/transmitter unit	NA01-75GA(X)-2-8	621RD00	*	/ /	*	/ /
D-3	R&R antenna	NA01-75GA(X)-2-8	62R1B		/ /	/ /	/ /

B.14 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ARC-210, V/UHF Radio System** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	VHF system	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	VHF system	NA01-75GA(X)-2-8	621R0	*	/ /	*	/ /
C	Fault isolation						
C-1	VHF system	NA01-75GA(X)-2-8	621R0		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R control panel	NA01-75GA(X)-2-8	621R600	*	/ /	*	/ /
D-2	R&R receiver/transmitter unit	NA01-75GA(X)-2-8	621RD00	*	/ /	*	/ /
D-3	R&R antenna	NA01-75GA(X)-2-8	62R1B		/ /	/ /	/ /

B.15 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the [AN/ARC-94, High Frequency \(HF\) 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 operation						
A-1	HF system	NA01-75GAG-2-8		*	/ /	*	/ /
B	Functional check						
B-1	HF system	NA01-75GAG-2-8	61180		/ /	*	/ /
C	Fault isolation						
C-1	HF system	NA01-75GAG-2-8	61180		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R receiver/transmitter unit	NA01-75GAG-2-8	6118100		/ /	*	/ /
D-2	R&R antenna tuner	NA01-75GAG-2-8	61X3Q00		/ /	*	/ /
D-3	R&R antenna	NA01-75GAG-2-8	61R6100		/ /	*	/ /
D-4	R&R inter-locking relays	NA01-75GAG-2-8	6113N		/ /	*	/ /

B.16 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the [AN/ARC-102, High Frequency \(HF\) System](#) using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	HF system	NA01-75GAA-2-8		*	/ /	*	/ /
B	Functional check						
B-1	HF system	NA01-75GAA-2-8	61180	*	/ /	*	/ /
C	Fault isolation						
C-1	HF system	NA01-75GAA-2-8	61180		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R receiver/transmitter unit	NA01-75GAA-2-8	6118E00	*	/ /	*	/ /
D-2	R&R antenna tuner	NA01-75GAA-2-8	61X1200	*	/ /	*	/ /
D-3	R&R antenna	NA01-75GAA-2-8	61R6100	*	/ /	*	/ /
D-4	R&R adapter rack	NA01-75GAA-2-8	61X1S		/ /	*	/ /
D-5	R&R inter-locking relay	NA01-75GAA-2-8	6113N		/ /	*	/ /

B.17 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the [AN/ARC-190, High Frequency \(HF\) System](#) using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	HF system	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	HF system	NA01-75GA(X)-2-8	61160	*	/ /	*	/ /
C	Fault isolation						
C-1	HF system	NA01-75GA(X)-2-8	61160		/ /	*	/ /

DA B.17 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D	Organizational maintenance						
D-1	R&R receiver/transmitter unit	NA01-75GA(X)-2-8	6116100	*	/ /	*	/ /
D-2	R&R antenna tuner	NA01-75GA(X)-2-8	6116400	*	/ /	*	/ /
D-3	R&R antenna	NA01-75GA(X)-2-8	61R6200		/ /	*	/ /
D-4	R&R inter-locking relay	NA01-75GA(X)-2-8	61R2F		/ /	*	/ /

B.18 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the AN/APX-72, IFF System using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	IFF system	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	IFF system	NA01-75GA(X)-2-8	65340	*	/ /	*	/ /
C	Fault isolation						
C-1	IFF system	NA01-75GA(X)-2-8	65340		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R receiver-transmitter	NA01-75GA(X)-2-8	6534100	*	/ /	*	/ /
D-2	R&R transponder T/S	NA01-75GA(X)-2-8	65Y1Q00	*	/ /	*	/ /
D-3	R&R antenna switching unit	NA01-75GA(X)-2-8	65Y1B	*	/ /	/	/
D-4	R&R altimeter encoder	NA01-75GA(X)-2-8	51X12		/ /	*	/ /
D-5	R&R antenna (AT741)	NA01-75GA(X)-2-8	65Y1E		/ /	/	/
D-6	R&R MODE 4 computer	NA01-75GA(X)-2-8	65Y1W		/ /	*	/ /
D-7	Certify IFF System	NA01-75GA(X)-2-8-1			/ /	/	/

B.19 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the AN/APX-100, IFF System using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	IFF system	NA01-75GA(H)-2-8		*	* / /	*	/ /
B	Functional check						
B-1	IFF system	NA01-75GA(H)-2-8	653A0	*	* / /	*	/ /
C	Fault isolation						
C-1	IFF system	NA01-75GA(H)-2-8	653A0		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R transmitter	NA01-75GA(H)-2-8	653A300		/ /	*	/ /
D-2	R&R antenna	NA01-75GA(H)-2-8	71Y18		/ /	/	/
D-3	R&R altimeter encoder	NA01-75GA(H)-2-8	51X10		/ /	*	/ /
D-4	R&R MODE 4 computer	NA01-75GA(H)-2-8	65Y1W		/ /	*	/ /
D-5	Certify IFF System	NA01-75GA(X)-2-8-1			/ /	/	/

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B.20 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/APX-76, IFF Interrogator 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 operation						
A-1	IFF interrogator system	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	IFF interrogator system	NA01-75GA(X)-2-8	65320	*	/ /	*	/ /
C	Fault isolation						
C-1	IFF interrogator system	NA01-75GA(X)-2-8	65320		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R receiver/transmitter unit	NA01-75GA(X)-2-8	6532100	*	/ /	/	/
D-2	R&R elec synch	NA01-75GA(X)-2-8	6532200	*	/ /	*	/ /
D-3	R&R switch amplifier	NA01-75GA(X)-2-8	6532300	*	/ /	*	/ /
D-4	R&R MODE 4 computer	NA01-75GA(X)-2-8	65Y1Z		/ /	/	/
D-5	R&R control box	NA01-75GA(X)-2-8	65324		/ /	*	/ /
D-6	R&R antenna drive unit	NA01-75GA(X)-2-8	65R7200		/ /	/	/
D-7	Certify IFF System	NA01-75GA(X)-2-8-1			/ /	/	/

B.21 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Traffic Collision and Avoidance System (TCAS)** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	TCAS system	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	TCAS system	NA01-75GA(X)-2-8		*	/ /	*	/ /
C	Fault isolation						
C-1	TCAS system	NA01-75GA(X)-2-8			/ /	*	/ /
D	Organizational maintenance						
D-1	R&R receiver/transmitter unit	NA01-75GA(X)-2-8		*	/ /	/	/
D-2	R&R MODE 4 computer	NA01-75GA(X)-2-8			/ /	/	/
D-3	R&R control box	NA01-75GA(X)-2-8			/ /	*	/ /

B.22 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/APS-133, Weather Radar System** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Weather radar system	NA01-75GA(X)-2-8		*	/ /	*	/ /
A-2	Radar interface group	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	Weather radar system	NA01-75GA(X)-2-8	72660	*	/ /	*	/ /
B-2	Radar interface group	NA01-75GA(X)-2-8	72Y2N00	*	/ /	*	/ /
C	Fault isolation						
C-1	Weather radar system	NA01-75GA(X)-2-8	72660		/ /	*	/ /

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TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D	Organizational maintenance						
D-1	R&R antenna	NA01-75GA(X)-2-8	7266300	*	/ /	*	/ /
D-2	R&R indicator	NA01-75GA(X)-2-8	7266200	*	/ /	*	/ /
D-3	R&R interface unit	NA01-75GA(X)-2-8	72Y2N00	*	/ /	*	/ /
D-4	R&R receiver/transmitter unit	NA01-75GA(X)-2-8	7266100	*	/ /	*	/ /
D-5	Adjusts roll compensator	NA01-75GA(X)-2-8	72669		/ /	*	/ /
D-6	R&R desicant	NA01-75GA(X)-2-8	72892	*	/ /	*	/ /
D-7	Purge wave guide	NA01-75GA(X)-2-8	72669	*	/ /	*	/ /

B.23 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the DF-206, Automatic Directional Finder (ADF) System using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	ADF system	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	ADF system	NA01-75GA(X)-2-8	717E0	*	/ /	*	/ /
C	Fault isolation						
C-1	ADF system	NA01-75GA(X)-2-8	717E0		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R receiver	NA01-75GA(X)-2-8	717E100	*	/ /	*	/ /
D-2	R&R loop antenna	NA01-75GA(X)-2-8	717E6		/ /	/	/
D-3	R&R sense antenna	NA01-75GA(X)-2-8	717E3		/ /	/	/

B.24 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the AN/ARN-151 Global Positioning System (GPS) using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	GPS system	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	GPS system	NA01-75GA(X)-2-8	711A0	*	/ /	*	/ /
C	Fault isolation						
C-1	GPS system	NA01-75GA(X)-2-8	711A0		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R receiver	NA01-75GA(X)-2-8	711A100	*	/ /	*	/ /
D-2	R&R antenna	NA01-75GA(X)-2-8	71RA7		/ /	/	/
D-3	R&R batteries	NA01-75GA(X)-2-8	71RA7		/ /	/	/

B.25 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the [AN/ARN-126, visual OMNI Range Receiver \(VOR\) 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 operation						
A-1	VOR system	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	VOR system	NA01-75GA(X)-2-8	711A0	*	/ /	*	/ /
C	Fault isolation						
C-1	VOR system	NA01-75GA(X)-2-8	711A0		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R receiver	NA01-75GA(X)-2-8	711A100	*	/ /	*	/ /
D-2	R&R antennas	NA01-75GA(X)-2-8	71RA7		/ /		/ /

B.26 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the [AN/ARN-118/139, TACAN System](#) using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	TACAN system	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	TACAN system	NA01-75GA(X)-2-8	713V0		/ /	*	/ /
C	Fault isolation						
C-1	TACAN system	NA01-75GA(X)-2-8	713V0		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R receiver/transmitter	NA01-75GA(X)-2-8	71Y9200		/ /	*	/ /
D-2	R&R antennas	NA01-75GA(X)-2-8	71Y18		/ /	*	/ /
D-3	R&R receiver transmitter adapter	NA01-75GA(X)-2-8	71Y9300		/ /	*	/ /

B.27 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the [LTN-72/100 Inertial Navigation System \(INS\)](#) using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	INS system	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	INS system	NA01-75GA(X)-2-8		*	/ /	*	/ /
C	Fault isolation						
C-1	INS system	NA01-75GA(X)-2-8			/ /	*	/ /
D	Organizational maintenance						
D-1	R&R MSU	NA01-75GA(X)-2-8		*	/ /	*	/ /
D-2	R&R INU	NA01-75GA(X)-2-8		*	/ /	*	/ /

B.28 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the C-12 Compass 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 operation						
A-1	Compass system	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	Compass system	NA01-75GA(X)-2-8		*	/ /	*	/ /
C	Fault isolation						
C-1	Compass system	NA01-75GA(X)-2-8			/ /	*	/ /
D	Organizational maintenance						
D-1	R&R Control Box	NA01-75GA(X)-2-8		*	/ /	*	/ /
D-2	R&R Remote Compensator	NA01-75GA(X)-2-8			/ /	/	/
D-3	R&R Flux Valve	NA01-75GA(X)-2-8			/ /	*	/ /
D-4	R&R Amplifier	NA01-75GA(X)-2-8		*	/ /	*	/ /
D-5	R&R Gyro	NA01-75GA(X)-2-8		*	/ /	*	/ /

B.29 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the AN/APN-232, Combined Altitude Radar Altimeter (CARA) System using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	High range altimeter system	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	High range altimeter system	NA01-75GA(X)-2-8	726W0		/ /	*	/ /
C	Fault isolation						
C-1	High range altimeter system (AN/APN-232 combined altimeter)	NA01-75GA(X)-2-8	726W0		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R receiver/transmitter unit	NA01-75GA(X)-2-8	726W1		/ /	*	/ /
D-2	R&R antenna	NA01-75GA(X)-2-8	726W3		/ /	/	/
D-3	R&R indicator	NA01-75GA(X)-2-8	726W200		/ /	*	/ /

B.30 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the AN/ARA-63, Microwave Landing System (MLS) using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Microwave landing system	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	Microwave landing system	NA01-75GA(X)-2-8	71D10	*	/ /	*	/ /
C	Fault isolation						
C-1	Microwave landing system	NA01-75GA(X)-2-8	71D10		/ /	*	/ /

DA B.30 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D	Organizational maintenance						
D-1	R&R receiver	NA01-75GA(X)-2-8	71D1100		* / /	* / /	
D-2	R&R pulse-decoder	NA01-75GA(X)-2-8	71D1200		* / /	* / /	
D-3	R&R antenna (AS2720/ARA-63)	NA01-75GA(X)-2-8	71D15		* / /	/ /	

B.31 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Direct Air Support Center (DASC) System using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Direct air support center system	NA01-75GA(X)-2-8			* / /	* / /	
B	Functional check						
B-1	Direct air support center system	NA01-75GA(X)-2-8	428VH		/ /	* / /	
C	Fault isolation						
C-1	Direct air support center system	NA01-75GA(X)-2-8	428VH		/ /	* / /	
D	Organizational maintenance						
D-1	R&R interlock relays	NA01-75GA(X)-2-8	428VH		/ /	* / /	
D-2	R&R vacuum relay	NA01-75GA(X)-2-8	428VH		/ /	* / /	

B.32 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the Horizontal Situation Indicator (HSI)/flight director system using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	HSI/flight director system	NA01-75GA(X)-2-8			* / /	* / /	
B	Functional check						
B-1	HSI/flight director system	NA01-75GA(X)-2-8			/ /	* / /	
C	Fault isolation						
C-1	HSI/flight director system	NA01-75GA(X)-2-8			/ /	* / /	
D	Organizational maintenance						
D-1	R&R navigation instrument relay	NA01-75GA(X)-2-8	7135H		/ /	* / /	
D-2	R&R HSI indicator	NA01-75GA(X)-2-8	71X12		/ /	* / /	
D-3	R&R BDHI	NA01-75GA(X)-2-8	71X1L		/ /	* / /	
D-4	R&R flight director computer	NA01-75GA(X)-2-8	71Y31		/ /	/ /	
D-5	R&R altitude direction indicator	NA01-75GA(X)-2-8	51X23		/ /	/ /	
D-6	R&R mode coupler	NA01-75GA(X)-2-8	563FM00		/ /	* / /	
D-7	R&R mode selector	NA01-75GA(X)-2-8	563FT00		/ /	* / /	
D-8	R&R HSI remote control	NA01-75GA(X)-2-8	563FS00		/ /	* / /	

B.33 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Mark VII Ground Proximity Warning System (GPWS)** using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	Ground proximity warning system	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	Ground proximity warning system	NA01-75GA(X)-2-8	563E0		/ /	*	/ /
C	Fault isolation						
C-1	Ground proximity warning system	NA01-75GA(X)-2-8	563E0		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R GPWS computer	NA01-75GA(X)-2-8	563E100		/ /	/	/
D-2	R&R interface unit	NA01-75GA(X)-2-8	563E7		/ /	/	/

B.34 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **KY-58 Secure Voice System** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	KY-58 secure voice system	NA01-75GA(X)-2-8			/ /	*	/ /
B	Functional check						
B-1	KY-58 secure voice system	NA01-75GA(X)-2-8			/ /	*	/ /
C	Fault isolation						
C-1	KY-58 secure voice system	NA01-75GA(X)-2-8	67410		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R KY-58/ZAHQ	NA01-75GA(X)-2-8	67410		/ /	*	/ /
D-2	R&R relays	NA01-75GA(X)-2-8	428VG		/ /	/	/
D-3	R&R control box	NA01-75GA(X)-2-8	63Y1W		/ /	/	/
D-4	R&R microphone	NA01-75GA(X)-2-8	428VG		/ /	*	/ /
D-5	Code KY-58	NA01-75GA(X)-2-8	67410		/ /	*	/ /
D-6	Certify KY-58 system	NA01-75GA(X)-2-8-1	67410		/ /	*	/ /

B.35 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **USC-43V Advanced Narrowband Digital Voice Terminal** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation	GAH-2-8			/ /	*	/ /	
B	Functional check	GAH-2-8			/ /	*	/ /	
C	Fault isolation	GAH-2-8	65Y30		/ /	*	/ /	
D	Organizational maintenance							
D-1	R&R control box	GAH-2-8	65Y32		/ /	*	/ /	
D-2	R&R USC-43V	GAH-2-8	65Y31		/ /	*	/ /	
D-3	R&R interface	GAH-2-8	65Y36		/ /	*	/ /	
D-4	Code USC-43V	GAH-2-8	65Y30		/ /	*	/ /	
D-5	Certify USC-43V system	GAH-2-8	65Y30		/ /	*	/ /	

ITSS (MATMEP)

APPENDIX A

INDIVIDUAL EXPERIENCE DATA SHEET

INDIVIDUAL DATA

UNIT EXPERIENCE DATA

NAME: _____

UNIT

SHOP

BILLETT

FROM/TO DATES

SSN: _____

FORMAL SCHOOLS

SCHOOLS NAME

DATE COMPLETED

COMMENTS :

DATE: April 2002

APPENDIX C

WORK CENTER SUMMARY
AIRCRAFT COMMUNICATIONS/NAVIGATION SYSTEMS TECHNICIAN (MOS 6316)

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	B.12	B.13
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APPENDIX C

WORK CENTER SUMMARY
AIRCRAFT COMMUNICATIONS/NAVIGATION SYSTEMS TECHNICIAN (MOS 6316)

WORK CENTER NAME/NUMBER _____

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APPENDIX C

WORK CENTER SUMMARY
AIRCRAFT COMMUNICATIONS/NAVIGATION SYSTEMS TECHNICIAN (MOS 6316)

WORK CENTER NAME / NUMBER _____

DATE: April 2002

APPENDIX D

SUPPORT EQUIPMENT LICENSING RECORD

NAME / SSN

RANK	MOS
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DATE: April 2002