DUTY AREA
AIRCRAFT COMMUNICATIONS/NAVIGATION/ELECTRICAL SYSTEMS TECHNICIAN (MOS 6326)

A. GENERAL, OPERATIONAL AND SAFETY DUTIES

1. Demonstrates/applies applicable **Safety precautions and procedures in the work center**.
2. Demonstrates/applies knowledge of applicable **Tilt rotor aircraft publications, diagrams, sketches and drawings**.
3. Performs tasks on the helicopter using applicable **Precision measuring equipment**.
4. Demonstrates/applies knowledge of procedures required to ensure **Electrical static discharge, electrical bonding and electromagnetic compatibility**.
5. Operates and maintains applicable shop **Support/special equipment**.

B. SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES

1. Performs **Required scheduled/unscheduled inspections** on applicable systems/components as per Maintenance Requirement Cards.
2. Performs **High time/special/conditional inspections** on applicable systems/components.
3. Incorporates applicable **Technical Directives changes/bulletins**.
4. Detects corrosion and performs **Corrosion control**.
5. Demonstrates/applies knowledge of the theory of operation and performs organizational level maintenance on the **Environmental control system: avionics cooling, ECS and OBIGGS/OBOGS UNS 2100000** using appropriate maintenance procedures and support/test equipment.
6. Demonstrates/applies knowledge of the theory of operation and performs organizational level maintenance on the **Electrical system: AC, DC and external power UNS 2400000** using appropriate maintenance procedures and support/test equipment.
7. Demonstrates/applies knowledge of the theory of operation and performs organizational level maintenance on the **Cargo hook/rescue hoist system and underwater acoustic beacon UNS 2500000** using appropriate maintenance procedures and support/test equipment.
8. Demonstrates/applies knowledge of the theory of operation and performs organizational level maintenance on the **Fire detection and suppression system UNS 2600000** using appropriate maintenance procedures and support/test equipment.
9. Demonstrates/applies knowledge of the theory of operation and performs organizational level maintenance on the **Flight control system UNS 2700000** using appropriate maintenance procedures and support/test equipment.
10. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Fuel management system: refuel/defuel, aerial refuel, fuel quantity and fuel transfer UNS 2800000** using appropriate maintenance procedures and support/test equipment.
11. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Hydraulic system/ramp and door system UNS 2900000** using appropriate maintenance procedures and support/test equipment.
12. Demonstrates/applies knowledge of theory of operation and performs organizational level maintenance on the **Ice and rain protection system UNS 3000000** using appropriate maintenance procedures and support/test equipment.
13. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Indicating and recording system: VSLED, standby instruments and incident recording UNS 3100000** using appropriate maintenance procedures and support/test equipment.
14. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Landing gear/nose wheel steering system UNS 3200000** using appropriate maintenance procedures and support/test equipment.
15. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the **Lighting system: cockpit, cabin, external and emergency UNS 3300000** using appropriate maintenance procedures and support/test equipment.

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DA MOS 6326 (Continued)

16. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the **Navigation system: ADF/FM homing. IFF, TACAN, VOR/ILS/MB, GPS, LWINS, and radar altimeter UNS 3400000** using appropriate maintenance procedures and support/test equipment.
17. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the **Aircraft wiring, data bus, circuit breakers, transformers relays wiring integrated assemblies UNS 4200000** using appropriate maintenance procedures and support/test equipment.
18. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Communication system: UHF/VHF, SATCOM and intercommunication UNS 4300000** using appropriate maintenance procedures and support/test equipment.
19. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Cockpit management system UNS 4600000** using appropriate maintenance procedures and support/test equipment.
20. Demonstrates/applies knowledge of the theory of operation and performs organizational level maintenance on the **Auxiliary power system UNS 4900000** using appropriate maintenance procedures and support/test equipment.
21. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the **Proprotor system UNS 6200000** using appropriate maintenance procedures and support/test equipment.
22. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Drive system UNS 6300000** using appropriate maintenance procedures and support/test equipment.
23. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Blade Fold/Wing Stow (BFWS) system UNS 6600000** using appropriate maintenance procedures and support/test equipment.
24. Demonstrates/applies knowledge of theory of operation and performs organizational level maintenance on the **Engine auxiliary systems: engine air particle separator and engine exhaust deflector 7100000/7800000** using appropriate maintenance procedures and support/test equipment.
25. Demonstrates/applies knowledge of theory of operation and performs organizational level maintenance on the **Engine indicating and control UNS 7200000-8000000** using appropriate maintenance procedures and support/test equipment.
26. Demonstrates/applies knowledge of theory of operation and performs organizational level maintenance on the **Electronic warfare system and forward looking infrared radar system UNS 9300000 and 9900000** 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)/(INDIDVIDUAL’S INITIALS)/(SUPERVISOR’S INTIALS)**

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

INDIVIDUAL DUTY AREA QUALIFICATION SUMMARY
AIRCRAFT COMMUNICATIONS/NAVIGATION/ELECTRICAL SYSTEMS TECHNICIAN (MOS 6326)

NAME/SSN____

Granted MOS 6321 _________/_________
Granted MOS 6326 _________/_________

Level II Completed_________/_________
Level III Completed_________/_________
Level IV Completed_________/_________

		LEVEL I	LEVEL II	LEVEL III	LEVEL IV
DUTY #	DUTY DESCRIPTION	DATE / SIGN	DATE / SIGN	DATE / SIGN	DATE / SIGN
A.	GENERAL, OPERATIONAL AND SAFETY DUTIES	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
A.1	SAFETY PRECAUTIONS AND PROCEDURES IN THE WORKCENTER	XXXXXXXXXXXXXXXXXX	/	/	/
A.2	TILTROTOR AIRCRAFT PUBLICATIONS, DIAGRAMS, SKETCHES AND DRAWINGS	XXXXXXXXXXXXXXXXXX	/	/	/
A.3	PRECISION MEASURING EQUIPMENT	XXXXXXXXXXXXXXXXXX	/	/	/
A.4	ELECTRICAL STATIC DISCHARGE, ELECTRICAL BONDING AND ELECTROMAGNETIC COMPATIBILITY	XXXXXXXXXXXXXXXXXX	/	/	/
A.5	SUPPORT/SPECIAL EQUIPMENT	XXXXXXXXXXXXXXXXXX	/	/	/
B.	SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
B.1	REQUIRED SCHEDULED/UNSCHEDULED INSPECTIONS	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	/	/
B.2	HIGH TIME/SPECIAL/CONDITIONAL INSPECTIONS	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	/	/
B.3	TECHNICAL DIRECTIVE CHANGES/BULLETINS	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	/	/
B.4	CORROSION CONTROL	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	/	/
B.5	ENVIRONMENTAL CONTROL SYSTEM: AVIONICS COOLING, ECS, AND OBIGGS/OBOGS UNS 2100000	XXXXXXXXXXXXXXXXXX	/	/	/
B.6	ELECTRICAL SYSTEM: AC, DC, AND EXTERNAL POWER UNS 2400000	XXXXXXXXXXXXXXXXXX	/	/	/
B.7	CARGO HOOK/RESCUE HOIST SYSTEM AND UNDERWATER ACOUSTIC BEACON UNS 2500000	XXXXXXXXXXXXXXXXXX	/	/	/
B.8	FIRE DETECTION AND SUPPRESSION SYSTEM UNS 2600000	XXXXXXXXXXXXXXXXXX	/	/	/
B.9	FLIGHT CONTROL SYSTEM UNS 2700000	XXXXXXXXXXXXXXXXXX	/	/	/
B.10	FUEL MANAGEMENT SYSTEM: REFUEL/DEFUEL, AERIAL REFUEL, FUEL QUANTITY, AND FUEL TRANSFER UNS 2800000	XXXXXXXXXXXXXXXXXX	/	/	/
B.11	HYDRAULIC SYSTEM/RAMP AND DOOR SYSTEM UNS 2900000	XXXXXXXXXXXXXXXXXX	/	/	/
B.12	ICE AND RAIN PROTECTION SYSTEM UNS 3000000	XXXXXXXXXXXXXXXXXX	/	/	/
B.13	Indicating and recording system: VSLED, standby instruments and incident recording UNS 3100000	XXXXXXXXXXXXXXXXXX	/	/	/
B.14	LANDING GEAR/NOSE WHEEL STEERING SYSTEM UNS 3200000	XXXXXXXXXXXXXXXXXX	/	/	/
B.15	LIGHTING SYSTEM: COCKPIT, CABIN, EXTERNAL AND EMERGENCY UNS 3300000	XXXXXXXXXXXXXXXXXX	/	/	/
B.16	NAVIGATION SYSTEM: ADF/FM HOMING. IFF, TACAN VOR/ILS/MB, GPS, LWINS, AND RADAR ALTIMETER UNS 3400000	XXXXXXXXXXXXXXXXXX	/	/	/
B.17	AIRCRAFT WIRING, DATA BUS, CIRCUIT BREAKERS, TRANSFORMERS RELAYS WIRING INTERGRATED ASSEMBLIES UNS 4200000	XXXXXXXXXXXXXXXXXX	/	/	/

IQS, MOS 6326 (Continued)

		LEVEL I	LEVEL II	LEVEL III	LEVEL IV
DUTY #	DUTY DESCRIPTION	DATE / SIGN	DATE / SIGN	DATE / SIGN	DATE / SIGN
B.18	COMMUNICATION SYSTEM: UHF/VHF, SATCOM AND INTERCOMMUNICATION UNS 4300000	XXXXXXXXXXXXXXXXX	/	/	/
B.19	COCKPIT MANAGEMENT SYSTEM UNS 4600000	XXXXXXXXXXXXXXXXX	/	/	/
B.20	AUXILIARY POWER SYSTEM UNS 4900000	XXXXXXXXXXXXXXXXX	/	/	/
B.21	PROPROTOR SYSTEM UNS 6200000	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/	/
B.22	DRIVE SYSTEM UNS 6300000	XXXXXXXXXXXXXXXXX	/	/	/
B.23	BLADE FOLD/WING STOW SYSTEM UNS 6600000	XXXXXXXXXXXXXXXXX	/	/	/
B.24	ENGINE AUXILIARY SYTEMS: ENGINE AIR PARTICLE SEPARATOR AND ENGINE EXHAUST DEFLECTOR 7100000/7800000	XXXXXXXXXXXXXXXXX	/	/	/
B.25	ENGINE INDICATING AND CONTROL UNS 7200000-8000000	XXXXXXXXXXXXXXXXX	/	/	/
B.26	ELECTRONIC WARFARE SYSTEM AND FORWARD LOOKING INFRARED RADAR SYSTEM UNS 9300000 AND 9900000	XXXXXXXXXXXXXXXXX	/	/	/

DATE: August 2002

INDIVIDUAL QUALIFICATION RECORD
AIRCRAFT COMMUNICATIONS/NAVIGATION/ELECTRICAL SYSTEMS TECHNICIAN (MOS 6326)

A. GENERAL, OPERATIONAL AND SAFETY DUTIES

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

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Aircraft safety	IETM		* / /	* / /	
B	Cockpit safety	IETM		* / /	* / /	
C	Line maintenance emergency procedures			/ /	/ /	
D	Occupational Safety & Health (OSH) responsibilities			/ /	/ /	
D-1	General housekeeping	OSHA 29 CFR 1910		/ /	* / /	
D-2	Shop & equipment safety	OPNAV 4790.2		* / /	* / /	
D-3	Composite material safety	OSHA 29 CFR 1910		/ /	* / /	
D-4	Gas free engineering	OPNAV 4790.2		/ /	* / /	
D-5	Hazardous material	OPNAV 4790.2		/ /	* / /	
E	FOD program	OPNAV 4790.2		* / /	* / /	
F	Line safety	IETM		/ /	* / /	
G	Tool control program					
G-1	IMRL	OPNAV 4790.2		/ /	* / /	
G-2	PME/calibration	OPNAV 4790.2		/ /	* / /	
G-3	Shelf life	OPNAV 4790.2		/ /	* / /	
G-4	Tool control procedures	OPNAV 4790.2		* / /	* / /	
H	EMI/ESD	OPNAV 4790.2		/ /	* / /	
I	Emergency reclamation	OPNAV 4790.2		/ /	* / /	
J	GSE misuse and abuse	OPNAV 4790.2		/ /	* / /	
K	NAMDRP (TFOA)	OPNAV 4790.2		/ /	* / /	

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

A	Principles of Operation Manuals (POM)	IETM		* / /	* / /	
B	Testing and Troubleshooting Manuals (TTM)	IETM		* / /	* / /	
C	System Maintenance w/IPB Manuals	IETM		* / /	* / /	
D	System Schematics Manuals	A1-V22AA-XXX-500		* / /	* / /	
E	General Aircraft Manuals	IETM		* / /	* / /	
E-1	General Aircraft Information (GAI)	IETM		* / /	* / /	
E-2	Fault Isolation Manuals	IETM		* / /	* / /	
E-3	Periodic Maintenance Cards	IETM		/ /	* / /	
E-4	Daily/Special/Preservation Cards	IETM		/ /	* / /	
E-5	Phase Maintenance Requirement Cards	IETM		/ /	* / /	
E-6	Wire Repair Manuals	A1-V22AA-WRM-000		* / /	* / /	
E-7	Universal Numbering System Manual (UNS codes)	V-22 UNS		/ /	* / /	
F	References					
F-1	Naval Aviation Maintenance Program (NAMP)	OPNAV 4790.2		/ /	* / /	
F-2	Aircraft Cleaning and Corrosion Control	NA-01-1A-509		/ /	* / /	

DA A.2 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
F-3	Avionics Cleaning and Corrosion Program	NA-16-1A-540		/ /	* / /	
F-4	Chemical toxicity, flashpoint and flammability			/ /	* / /	
F-5	Consolidated Hazardous Item List	NAVSUP Pub 4500		/ /	* / /	
F-6	Technical Documentation List	IETM		/ /	* / /	

A.3 Performs tasks on Tiltrotor aircraft using applicable **Precision measuring equipment**.

A	Operating air data test set	IETM		* / /	* / /	
B	Operating pitot static adapters	IETM		* / /	* / /	
C	Operating time domain reflectometer	IETM		* / /	* / /	
D	Multimeter	Mfg Manual		* / /	* / /	
E	Compass calibrator kit			/ /	* / /	
F	Fuel system test set			/ /	* / /	
G	Advance Memory loader verifier	IETM		* / /	* / /	
H	TACAN test set	IETM		* / /	* / /	
I	IFF test set	IETM		* / /	* / /	
J	Radar beacon test set	IETM		* / /	* / /	
K	Countermeasures dispenser test set	IETM		* / /	* / /	
L	Data bus test set	IETM		* / /	* / /	
M	Torque wrench (0-150 in lbs)	IETM		* / /	* / /	
N	Torque wrench (0-300 in lbs)	IETM		* / /	* / /	
O	Radar signature simulator	IETM		* / /	* / /	
P	AAR-47 test set	IETM		* / /	* / /	
Q	ADF test set	IETM		* / /	* / /	
R	Signal generator	IETM		* / /	* / /	
S	Electrical bond test set	IETM		* / /	* / /	

A.4 Demonstrates/applies knowledge of procedures required to ensure **Electrical static discharge, electrical bonding and electromagnetic compatibility**.

A	Electrical static discharge protection	NA-01-1A-23		/ /	* / /	
B	Electrical bonding, magnetic protection	IETM		* / /	* / /	

A.5 Operates and maintains applicable shop **Support/special equipment**.

A	Heat tool, HT-900	A1-V22AA-WRM-000		* / /	* / /	
B	Wire and Connector Repair Set	A1-V22AA-WRM-000		* / /	* / /	

INDIVIDUAL QUALIFICATION RECORD
AIRCRAFT COMMUNICATIONS/NAVIGATION/ELECTRICAL SYSTEMS TECHNICIAN (MOS 6326)

B. SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES

B.1 Performs **Required scheduled/unscheduled inspections** on applicable systems/components using appropriate Maintenance Requirement Cards (MRC).

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Periodic Maintenance Information Cards	A1-V22AA-MRC-000			/ /	* / /	
B	Turnaround Checklist Requirement Cards	A1-V22AA-MRC-000			/ /	* / /	
C	Daily MRC’s	A1-V22AA-MRC-000			/ /	* / /	
D	Servicing MRC's	A1-V22AA-MRC-000			/ /	* / /	
E	Special MRC's	A1-V22AA-MRC-000			/ /	* / /	
F	Preservation MRC's	A1-V22AA-MRC-000			/ /	* / /	
G	Conditional MRC's	A1-V22AA-MRC-000			/ /	* / /	
H	Phase Maintenance Requirement Cards						
H-1	Performs “A” Phase inspection	A1-V22AA-MRC-000			/ /	* / /	
H-2	Performs “B” Phase inspection	A1-V22AA-MRC-000			/ /	* / /	
H-3	Performs “C” Phase inspection	A1-V22AA-MRC-000			/ /	* / /	
H-4	Performs “D” Phase inspection	A1-V22AA-MRC-000			/ /	* / /	

B.2 Performs **High time/special/conditional inspections** on applicable systems/components.

A	Performs acceptance/transfer inspection	OPNAVINST 4790.2			/ /	* / /	
B	Performs preservation/depreservation inspection	A1-V22AA-MRC-200			/ /	* / /	

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

A	Technical Directive (TD) system	NAVAIRINST 5215.8			/ /	* / /	
B	Rapid Action Minor Engineering Change proposal (RAMEC)	NAVAIRINST 5215.10			/ /	* / /	
C	Incorporates avionics changes (AVC)	OPNAVINST 4790.2			/ /	* / /	
D	Incorporates avionics bulletins (AVB)	OPNAVINST 4790.2			/ /	* / /	

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

A	Detects/treats corrosion	NA-01-1A-509			/ /	* / /	

B.5 Demonstrates/applies knowledge of the theory of operation and performs organizational level maintenance on the **Environmental control system: avionics cooling, ECS and OBIGGS/OBOGS UNS 2100000** 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	Avionics cooling	IETM			* / /	* / /	
A-2	ECS	IETM			* / /	* / /	
A-3	OBIGGS/OBOGS	IETM			* / /	* / /	
B	Functional check						
B-1	Avionics cooling	IETM			* / /	* / /	
B-2	Environmental Control System	IETM			* / /	* / /	
B-3	OBIGGS/OBOGS	IETM			* / /	* / /	
C	Fault Isolation						
C-1	Avionics cooling	IETM			* / /	* / /	
C-2	Environmental Control System	IETM			* / /	* / /	
C-3	OBIGGS/OBOGS	IETM			* / /	* / /	
D	Organizational maintenance						
D-1	R&R ECS controller	IETM			/ /	/ /	
D-2	R&R Exhaust fans	IETM			/ /	* / /	
D-3	Avionics cooling system	IETM			/ /	/ /	
D-4	R&R inlet Inertial Particle Separators (IPS)	IETM			/ /	/ /	
D-5.1	R&R avionics cooling filter assembly	IETM			/ /	/ /	
D-5.2	R&R avionics cooling bypass check valve	IETM			/ /	/ /	

B.6 Demonstrates/applies knowledge of the theory of operation and performs organizational level maintenance on the **Electrical system: AC, DC and external power UNS 2400000** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	AC system	IETM			* / /	* / /	
A-2	DC system	IETM			* / /	* / /	
A-3	External power	IETM			* / /	* / /	
B	Functional check						
B-1	AC system	IETM			* / /	* / /	
B-2	DC system	IETM			* / /	* / /	
B-3	External power	IETM			* / /	* / /	
C	Fault isolation						
C-1	AC system	IETM			* / /	* / /	
C-2	DC system	IETM			* / /	* / /	
C-3	External power	IETM			* / /	* / /	
D	Organizational maintenance						
D-1	R&R CF generators	IETM			/ /	* / /	
D-2	R&R VF generators	IETM			/ /	* / /	
D-3	R&R Power distribution panels	IETM			/ /	* / /	

DA B.6 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-4	R&R Regulated converters	IETM			/ /	* / /	
D-5	R&R Aircraft battery	IETM			* / /	* / /	
D-6	R&R Circuit breaker panels	IETM			/ /	/ /	
D-7	R&R Health bus monitors	IETM			/ /	* / /	
D-8	R&R Contactors	IETM			* / /	* / /	
D-9	R&R Filters	IETM			/ /	/ /	
D-10	R&R Circuit breakers	IETM			/ /	* / /	

B.7 Demonstrates/applies knowledge of the theory of operation and performs organizational level maintenance on the **Cargo hook/rescue hoist system and underwater acoustic beacon UNS 2500000** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Cargo hook	IETM			* / /	* / /	
A-2	Rescue hoist	IETM			* / /	* / /	
A-3	Underwater acoustic beacon	IETM			* / /	* / /	
B	Functional check						
B-1	Cargo hook	IETM			* / /	* / /	
B-2	Rescue hoist	IETM			* / /	* / /	
B-3	Underwater acoustic beacon	IETM			/ /	* / /	
C	Fault isolation						
C-1	Cargo hook	IETM			* / /	* / /	
C-2	Rescue hoist	IETM			* / /	* / /	
C-3	Underwater acoustic beacon	IETM			/ /	/ /	
D	Organizational maintenance						
D-1	R&R Cargo hook/hoist panel	IETM			/ /	* / /	
D-2	R&R HWOG grip assembly	IETM			/ /	* / /	
D-3	R&R Underwater acoustic beacon	IETM			/ /	* / /	
D-4	R&R Forward cabin control station	IETM			/ /	* / /	

B.8 Demonstrates/applies knowledge of the theory of operation and performs organizational level maintenance on the **Fire detection and suppression system UNS 2600000** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Fire detection system	IETM			* / /	* / /	
A-2	Fire suppression system	IETM			* / /	* / /	
B	Functional check	IETM					
B-1	Fire detection system	IETM			* / /	* / /	
B-2	Fire suppression system	IETM			* / /	* / /	
C	Fault isolation	IETM					
C-1	Fire detection system	IETM			* / /	* / /	
C-2	Fire suppression system	IETM			* / /	* / /	

DA B.8 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D	Organizational maintenance						
D-1	R&R Fire suppression control panel	IETM			/ /	/ /	
D-2	R&R Mid-wing fire detectors	IETM			/ /	* / /	
D-3	R&R Wing fire protection control unit	IETM			/ /	* / /	
D-4	R&R Fire protection disable switch	IETM			/ /	/ /	
D-5	R&R Engine fire detectors	IETM			/ /	/ /	

B.9 Demonstrates/applies knowledge of the theory of operation and performs organizational level maintenance on the **Flight control system UNS 2700000** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation	IETM			* / /	* / /	
B	Functional check	IETM			* / /	* / /	
C	Fault isolation	IETM			* / /	* / /	
D	Organizational maintenance						
D-1	R&R Flight control computers	IETM			* / /	* / /	
D-2	R&R Cyclic grip	IETM			/ /	* / /	
D-3	R&R Thrust grip	IETM			/ /	* / /	
D-4	R&R CCFDA	IETM			/ /	* / /	
D-5	R&R CCTDA	IETM			/ /	* / /	
D-6	R&R CCPT	IETM			* / /	* / /	
D-7	R&R Flight control panel	IETM			/ /	/ /	
D-8	R&R Flap control panel	IETM			/ /	/ /	
D-9	R&R Cockpit interface unit	IETM			/ /	* / /	
D-10	R&R Engine control panel	IETM			/ /	/ /	
D-11	R&R Remote hover control panel	IETM			/ /	/ /	
D-12	R&R Rudder pedal adjust panels	IETM			/ /	/ /	
D-13	R&R Nacelle control disable switches	IETM			/ /	/ /	
D-14	R&R AOA sensors	IETM			/ /	/ /	
D-15	R&R Air data units	IETM			* / /	* / /	
D-16	R&R Nacelle position resolvers	IETM			* / /	/ /	
D-17	R&R Mast torque sensor	IETM			/ /	/ /	
D-18	R&R FCS PF-BIT	IETM			/ /	* / /	
D-19	R&R No.1 FCC backup battery	IETM			/ /	/ /	
D-20	R&R Air data probes	IETM			/ /	/ /	
D-21	R&R M-BIT swashplate piston seal	IETM			* / /	* / /	
D-22	R&R Cockpit control rigging/nulling	IETM			* / /	* / /	
D-23	R&R Flapping Sensor	IETM			* / /	* / /	

B.10 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Fuel management system: refuel/defuel, aerial refuel, fuel quantity and fuel transfer UNS 2800000** 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	IETM			* / /	* / /	
B	Functional check	IETM			* / /	* / /	
C	Fault isolation	IETM			* / /	* / /	
D	Organizational maintenance						
D-1	R&R Fuel management units	IETM			* / /	/ /	
D-2	R&R Ground refuel/defuel panel	IETM			/ /	/ /	

B.11 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Hydraulic system/ramp and door system UNS 2900000** using appropriate maintenance procedures and support/test equipment.

A	Theory of Operation						
A-1	Hydraulic system	IETM			* / /	* / /	
A-2	Ramp/door system	IETM			* / /	* / /	
B	Functional check						
B-1	Hydraulic system	IETM			/ /	* / /	
B-2	Ramp/door system	IETM			* / /	* / /	
C	Fault isolation						
C-1	Hydraulic system	IETM			* / /	* / /	
C-2	Ramp/door system	IETM			* / /	* / /	
D	Organizational maintenance						
D-1	R&R Ramp control panel	IETM			/ /	/ /	
D-2	R&R Ramp panel assembly	IETM			/ /	/ /	
D-3	R&R Hydraulic level indicating panel	IETM			/ /	/ /	

B.12 Demonstrates/applies knowledge of theory of operation and performs organizational level maintenance on the **Ice and rain protection system UNS 3000000** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation	IETM			* / /	* / /	
B	Functional Checks	IETM			* / /	* / /	
C	Fault isolation	IETM			* / /	/ /	
D	Organizational maintenance						
D-1	R&R Master ice PCU	IETM			/ /	* / /	
D-2	R&R Nacelle ice PCUs	IETM			* / /	* / /	
D-3	R&R Ice detector control unit	IETM			/ /	/ /	
D-4	R&R Ice detection probe	IETM			/ /	/ /	
D-5	R&R Central deice distributors	IETM			/ /	* / /	
D-6	R&R Blade deice distributors	IETM			* / /	/ /	

B.13 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Indicating and recording system: VSLED, standby instruments and incident recording UNS 3100000** 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	VSLED	IETM			* / /	/ /	
A-2	Standby instruments	IETM			* / /	/ /	
A-3	Flight incident recording	IETM			* / /	/ /	
B	Functional check						
B-1	VSLED	IETM			* / /	* / /	
B-2	Standby instructions	IETM			* / /	* / /	
B-3	Flight incident recording	IETM			* / /	/ /	
C	Fault isolation						
C-1	VSLED	IETM			* / /	* / /	
C-2	Standby instruments	IETM			* / /	* / /	
C-3	Flight incident recording	IETM			* / /	/ /	
D	Organizational maintenance						
D-1	R&R Standby flight display	IETM			/ /	/ /	
D-2	R&R Standby attitude indicator	IETM			/ /	/ /	
D-3	R&R Standby airspeed indicator	IETM			/ /	/ /	
D-4	R&R Standby altimeter	IETM			/ /	/ /	
D-5	R&R Flight director panel	IETM			/ /	/ /	
D-6	R&R Crash survivable memory unit	IETM			/ /	* / /	
D-7	R&R VSLED airborne unit	IETM			* / /	/ /	
D-8	R&R Hangar bearing temperature/vibration sensors	IETM			* / /	* / /	
D-9	R&R Proprotor Lateral Vibration Sensor	IETM			* / /	/ /	
D-10	R&R Proprotor Longitudinal Vib Sensor	IETM			* / /	/ /	
D-11	R&R Proprotor Normal/Nacelle Blower Vib Sensor	IETM			* / /	/ /	
D-12	R&R Pylon Driveshaft Vibration Sensor	IETM			* / /	/ /	

B.14 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Landing gear/nose wheel steering system UNS 3200000** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Landing gear	IETM			* / /	* / /	
A-2	Nose wheel steering system	IETM			* / /	* / /	
B	Functional check						
B-1	Landing gear	IETM			/ /	* / /	
B-2	Nose wheel steering system	IETM			/ /	* / /	
C	Fault isolation						
C-1	Landing gear	IETM			* / /	* / /	
C-2	Nose wheel steering system	IETM			* / /	* / /	

DA B.14 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D	Organizational maintenance						
D-1	R&R Landing gear control unit	IETM			/ /	* / /	
D-2	R&R Power steering panel	IETM			/ /	/ /	
D-3	R&R External gear down light	IETM			/ /	/ /	
D-4	R&R Out of range switches	IETM			/ /	* / /	
D-5	R&R Downlock switches	IETM			/ /	* / /	
D-6	R&R Uplock switches	IETM			/ /	* / /	
D-7	R&R WOW switches	IETM			/ /	* / /	

B.15 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the **Lighting system: cockpit, cabin, external and emergency UNS 3300000** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Cockpit lighting	IETM			* / /	* / /	
A-2	Cabin lighting	IETM			* / /	* / /	
A-3	External lighting	IETM			* / /	* / /	
A-4	Emergency lighting	IETM			* / /	* / /	
B	Functional check						
B-1	Cockpit lighting	IETM			* / /	* / /	
B-2	Cabin lighting	IETM			* / /	* / /	
B-3	External lighting	IETM			* / /	* / /	
B-4	Emergency lighting	IETM			* / /	* / /	
C	Fault isolation						
C-1	Cockpit lighting	IETM			* / /	* / /	
C-2	Cabin lighting	IETM			* / /	* / /	
C-3	External lighting	IETM			* / /	* / /	
C-4	Emergency lighting	IETM			* / /	* / /	
D	Organizational maintenance						
D-1	R&R Primary lighting control unit	IETM			/ /	* / /	
D-2	R&R Secondary lighting control unit	IETM			/ /	* / /	
D-3	R&R Lighting control panels	IETM			/ /	/ /	
D-4	R&R EELS control panel	IETM			/ /	* / /	
D-5	R&R Cockpit/cabin dome lights	IETM			/ /	/ /	
D-6	R&R Secondary lights	IETM			/ /	/ /	
D-7	R&R Cockpit utility lights	IETM			/ /	/ /	
D-8	R&R EELS signal conditioning unit	IETM			/ /	* / /	
D-9	R&R EELS control units	IETM			/ /	* / /	
D-10	R&R Searchlights	IETM			* / /	/ /	
D-11	R&R Anti-collision lights	IETM			/ /	* / /	
D-12	R&R Anti-collision power supplies	IETM			/ /	/ /	
D-13	R&R Position lights	IETM			/ /	/ /	
D-14	R&R Position light flasher units	IETM			/ /	/ /	

DA B.15 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-15	R&R Formation lights	IETM			/ /	* / /	
D-16	R&R Hoist operator light	IETM			/ /	/ /	
D-17	R&R Refuel probe light	IETM			/ /	/ /	

B.16 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the **Navigation system: ADF/FM homing. IFF, TACAN, VOR/ILS/MB, GPS, LWINS, and radar altimeter UNS 3400000** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	ADF/FM homing	IETM			* / /	* / /	
A-2	IFF	IETM			* / /	* / /	
A-3	TACAN	IETM			* / /	* / /	
A-4	VOR/ILS/MB	IETM			* / /	* / /	
A-5	GPS	IETM			* / /	* / /	
A-6	LWINS	IETM			* / /	* / /	
A-7	Radar altimeter	IETM			* / /	* / /	
B	Functional check						
B-1	ADF/FM homing	IETM			* / /	* / /	
B-2	IFF	IETM			* / /	* / /	
B-3	TACAN	IETM			* / /	* / /	
B-4	VOR/ILS/MB	IETM			* / /	* / /	
B-5	GPS	IETM			* / /	* / /	
B-6	LWINS	IETM			* / /	* / /	
B-7	Radar altimeter	IETM			* / /	* / /	
C	Fault isolation						
C-1	ADF/FM homing	IETM			* / /	* / /	
C-2	IFF	IETM			* / /	* / /	
C-3	TACAN	IETM			* / /	* / /	
C-4	VOR/ILS/MB	IETM			* / /	* / /	
C-5	GPS	IETM			* / /	* / /	
C-6	LWINS	IETM			* / /	* / /	
C-7	Radar altimeter	IETM			* / /	* / /	
D	Organizational maintenance						
D-1	R&R AN/APN-194 RADALT R/T	IETM			* / /	* / /	
D-2	R&R Radar altimeter antennas	IETM			/ /	/ /	
D-3	R&R LWINS units	IETM			* / /	* / /	
D-4	R&R ARN-147 VOR/ILS/MB R/T	IETM			/ /	/ /	
D-5	R&R VOR/LOC antennas	IETM			/ /	* / /	
D-6	R&R Glideslope antennas	IETM			/ /	/ /	
D-7	R&R Marker beacon antenna	IETM			/ /	/ /	
D-8	R&R ARN-153 TACAN R/T	IETM			/ /	* / /	
D-9	R&R TACAN antennas	IETM			/ /	/ /	

DA B.16 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-10	R&R MAGR GPS R/T	IETM			* / /	* / /	
D-11	R&R GPS antenna	IETM			/ /	/ /	
D-12	R&R AM-7314 antenna amplifier	IETM			/ /	/ /	
D-13	R&R ADF antenna	IETM			/ /	/ /	
D-14	R&R FM homing module	IETM			* / /	/ /	
D-15	R&R APX-100 IFF transponder	IETM			* / /	* / /	
D-16	R&R IFF antennas	IETM			/ /	/ /	
D-17	R&R KIT-1C TSEC	IETM			/ /	* / /	
D-18	R&R Mounts	IETM			/ /	/ /	
D-19	R&R SATCOM/ADF	IETM			/ /	/ /	

B.17 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the **Aircraft wiring, data bus, circuit breakers, transformers relays wiring integrated assemblies UNS 4200000** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation	IETM			* / /	* / /	
B	Functional check	IETM			* / /	* / /	
C	Fault isolation	IETM			* / /	* / /	
D	Organizational maintenance						
D-1	R&R Wiring integrated assemblies	IETM			* / /	* / /	
D-2	R&R Transformers	IETM			/ /	* / /	
D-3	R&R Data bus	IETM			/ /	* / /	
D-4	R&R Data bus couplers	IETM			/ /	/ /	
D-5	R&R Relays	IETM			/ /	* / /	
D-6	R&R Harnesses	IETM			* / /	* / /	
D-7	R&R Cannon plugs	IETM			* / /	* / /	
D-8	R&R Terminal Boards	IETM			/ /	/ /	

B.18 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Communication system: UHF/VHF, SATCOM and intercommunication UNS 4300000** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	UHF/VHF	IETM			* / /	* / /	
A-2	SATCOM	IETM			* / /	* / /	
A-3	ICS	IETM			* / /	* / /	
A-4	Secure voice	IETM			* / /	* / /	
B-	Functional check						
B-1	UHF/VHF	IETM			* / /	* / /	
B-2	SATCOM	IETM			* / /	* / /	
B-3	ICS	IETM			* / /	* / /	
B-4	Secure voice	IETM			* / /	* / /	

DA B.18 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C	Fault isolation						
C-1	UHF/VHF	IETM			* / /	* / /	
C-2	SATCOM	IETM			* / /	* / /	
C-3	ICS	IETM			* / /	* / /	
C-4	Secure voice	IETM			* / /	* / /	
D	Organizational maintenance						
D-1	R&R AN/ARC-210 radios	IETM			/ /	* / /	
D-2	R&R C-11898 radio set control	IETM			/ /	/ /	
D-3	R&R UHF/VHF Lower antenna	IETM			/ /	/ /	
D-4	R&R Antenna logic unit	IETM			/ /	/ /	
D-5	R&R Troop commander antenna	IETM			/ /	/ /	
D-6	R&R Communication switching unit	IETM			/ /	* / /	
D-7	R&R Intercommunication system control panels	IETM			/ /	/ /	
D-8	R&R Maintenance AFA	IETM			/ /	/ /	
D-9	R&R KY-58 COMSEC module	IETM			/ /	* / /	
D-10	R&R SATCOM high power amp	IETM			/ /	/ /	
D-11	R&R Diplexer preamp	IETM			/ /	/ /	
D-12	R&R R&R UHF/VHF blade upper antenna	IETM			/ /	/ /	
D-13	R&R SATCOM Antenna	IETM			/ /	/ /	
D-14	R&R SATCOM Switches	IETM			/ /	/ /	
D-15	R&R Mounts	IETM			/ /	/ /	

B.19 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Cockpit management system UNS 4600000** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Advanced mission computers	IETM			* / /	* / /	
A-2	Display systems	IETM			* / /	* / /	
A-3	Mission Data Loader	IETM			* / /	* / /	
A-4	Heads-up display unit	IETM			* / /	* / /	
A-5	Interface units	IETM			* / /	* / /	
A-6	Digital Map System	IETM			* / /	/ /	
B	Functional check						
B-1	Advanced mission computers	IETM			* / /	* / /	
B-2	Display systems	IETM			* / /	* / /	
B-3	Mission Data Loader	IETM			* / /	* / /	
B-4	Heads-up display unit	IETM			* / /	* / /	
B-5	Interface units	IETM			* / /	/ /	
B-6	Digital Map System	IETM			* / /	/ /	
C	Fault isolation						
C-1	Advanced mission computers	IETM			* / /	* / /	

DA B.19 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C-2	Display systems	IETM			* / /	* / /	
C-3	Mission Data Loader	IETM			/ /	* / /	
C-4	Heads-up display unit	IETM			/ /	/ /	
C-5	Interface units	IETM			* / /	* / /	
C-6	Digital Map System	IETM			* / /	/ /	
D	Organizational maintenance						
D-1	R&R Mission computers	IETM			* / /	* / /	
D-2	R&R Interface receptacle unit	IETM			/ /	/ /	
D-3	Upload software	IETM			* / /	/ /	
D-4	R&R Avionics bay interface unit	IETM			/ /	/ /	
D-5	R&R Wing interface units	IETM			/ /	/ /	
D-6	R&R Nacelle interface units	IETM			* / /	/ /	
D-7	R&R Display electronic units	IETM			/ /	/ /	
D-8	R&R Display electronic units	IETM			/ /	* / /	
D-9	R&R Multifunction display	IETM			* / /	* / /	
D-10	R&R CDU/EICAS	IETM			/ /	/ /	
D-11	R&R Keyboard units	IETM			/ /	/ /	
D-12	R&R Remote frequency indicator selectors	IETM			/ /	/ /	
D-13	R&R HUD signal data converter	IETM			/ /	/ /	
D-14	R&R HUD converter control unit	IETM			/ /	/ /	
D-15	R&R Mounts	IETM			/ /	/ /	
D-16	Down Load Data	IETM			* / /	* / /	

B.20 Demonstrates/applies knowledge of the theory of operation and performs organizational level maintenance on the **Auxiliary power system UNS4900000** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation	IETM			* / /	* / /	
B	Functional check	IETM			* / /	* / /	
C	Fault isolation	IETM			* / /	* / /	
D	Organizational maintenance						
D-1	R&R APU electronic control unit	IETM			/ /	* / /	
D-2	R&R APU control panel	IETM			/ /	/ /	
D-3	R&R APU bit display unit	IETM			/ /	/ /	
D-4	R&R Event monitoring unit	IETM			/ /	/ /	

B.21 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the **Proprotor system UNS 6200000** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation	IETM			/ /	* / /	
B	Functional check	IETM			/ /	* / /	
C	Fault isolation	IETM			/ /	* / /	

DA B.21 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D	Organizational maintenance						
D-1	R&R Slip-ring standpipe assembly	IETM			/ /	* / /	

B.22 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Drive system UNS 6300000** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation	IETM			* / /	* / /	
B	Functional check	IETM			* / /	* / /	
C	Fault isolation	IETM			* / /	* / /	
D	Organizational maintenance						
D-1	R&R Drive system interface unit	IETM			/ /	* / /	

B.23 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Blade fold/wing stow system UNS 6600000** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Blade fold system	IETM			* / /	* / /	
A-2	Wing stow system	IETM			* / /	* / /	
B	Functional check						
B-1	Blade fold system	IETM			* / /	* / /	
B-2	Wing stow system	IETM			* / /	* / /	
C	Fault isolation						
C-1	Blade fold system	IETM			* / /	* / /	
C-2	Wing stow system	IETM			* / /	* / /	
D	Organizational maintenance						
D-1	R&R Blade fold control units	IETM			* / /	/ /	
D-2	R&R Blade folded sensors	IETM			* / /	* / /	
D-3	R&R Blade fold shear pins	IETM			/ /	/ /	
D-4	R&R Wing stow azimuth switches	IETM			* / /	* / /	
D-5	R&R Blade fold control panel	IETM			/ /	/ /	

B.24 Demonstrates/applies knowledge of theory of operation and performs organizational level maintenance on the **Engine auxiliary systems: Engine Air Particle Separator (EAPS) and Engine Exhaust Deflector 7100000/7800000** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	EAPS	IETM			* / /	/ /	
A-2	Exhaust deflector	IETM			* / /	/ /	

DA B.24 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
B	Functional check	IETM					
B-1	EAPS	IETM			* / /	/ /	
B-2	Exhaust deflector	IETM			* / /	/ /	
C	Fault isolation						
C-1	EAPS	IETM			/ /	* / /	
C-2	Exhaust deflector	IETM			* / /	/ /	
D	Organizational maintenance						
D-1	R&R EAPS door actuator	IETM			/ /	* / /	

B.25 Demonstrates/applies knowledge of theory of operation and performs organizational level maintenance on the **Engine indicating and control UNS 7200000-8000000** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Engine indicating	IETM			* / /	/ /	
A-2	Engine control	IETM			* / /	/ /	
B	Functional check						
B-1	Engine indicating	IETM			* / /	/ /	
B-2	Engine control	IETM			* / /	* / /	
C	Fault isolation						
C-1	Engine indicating	IETM			* / /	/ /	
C-2	Engine control	IETM			* / /	/ /	
D	Organizational maintenance						
D-1	R&R FADEC software	IETM			/ /	* / /	
D-2	R&R FADEC	IETM			/ /	* / /	
D-3	R&R Engine ignition exciter	IETM			* / /	/ /	
D-4	R&R FADEC A wire harness	IETM			* / /	/ /	
D-5	R&R engine thermocouple	IETM			* / /	/ /	

B.26 Demonstrates/applies knowledge of theory of operation and performs organizational level maintenance on the **Electronic warfare system and Forward Looking Infrared Radar (FLIR) system UNS 9300000 and 9900000** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	FLIR system	IETM			* / /	* / /	
A-2	APR-39 radar warning	IETM			* / /	* / /	
A-3	AAR-47 missile warning	IETM			* / /	* / /	
A-4	AVR-2A laser detector	IETM			* / /	* / /	
A-5	ALE-47 chaff/flare dispensing	IETM			* / /	* / /	
B	Functional check						
B-1	FLIR system	IETM			* / /	* / /	

DA B.26 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
B-2	APR-39 radar warning	IETM			* / /	* / /	
B-3	AAR-47 missile warning	IETM			* / /	* / /	
B-4	AVR-2A laser detector	IETM			* / /	* / /	
B-5	ALE-47 chaff/flare dispensing	IETM			* / /	* / /	
C	Fault isolation						
C-1	FLIR system	IETM			* / /	* / /	
C-2	APR-39 radar warning	IETM			* / /	/ /	
C-3	AAR-47 missile warning	IETM			* / /	/ /	
C-4	AVR-2A laser detector	IETM			* / /	/ /	
C-5	ALE-47 chaff/flare dispensing	IETM			* / /	* / /	
D	Organizational maintenance						
D-1	R&R FLIR turret	IETM			* / /	* / /	
D-2	R&R FLIR signal electronic unit	IETM			/ /	/ /	
D-3	R&R FLIR track handle	IETM			/ /	/ /	
D-4	R&R CP-1895 target data processor	IETM			/ /	/ /	
D-5	R&R C-11308 control unit	IETM			/ /	/ /	
D-6	R&R IP-1150A signal indicator	IETM			/ /	* / /	
D-7	R&R R-2390 receivers	IETM			/ /	* / /	
D-8	R&R APR-39 antennas	IETM			/ /	* / /	
D-9	R&R CP-1975 AAR-47 CPU	IETM			/ /	* / /	
D-10	R&R SU-164 missile warning sensors	IETM			/ /	* / /	
D-11	R&R CM-493A laser comparator	IETM			/ /	* / /	
D-12	R&R SU-130A laser sensors	IETM			/ /	* / /	
D-13	R&R C-12170 ALE-47 cockpit control	IETM			/ /	* / /	
D-14	R&R CD-45 chaff/flare programmer	IETM			/ /	* / /	
D-15	R&R SA-2669 sequencer switches	IETM			/ /	* / /	
D-16	R&R D-50 chaff/flare dispensers	IETM			/ /	* / /	
D-17	R&R Safety switch	IETM			/ /	* / /	

APPENDIX A

INDIVIDUAL EXPERIENCE DATA SHEET

INDIVIDUAL DATA

NAME: _____

SSN: _____

FORMAL SCHOOLS

SCHOOLS NAME	DATE COMPLETED

UNIT EXPERIENCE DATA

UNIT	SHOP	BILLET	FROM/TO DATES

COMMENTS:

_____

_____

_____

APPENDIX C

WORK CENTER SUMMARY
AIRCRAFT COMMUNICATIONS/NAVIGATION/ELECTRICAL SYSTEMS TECHNICIAN (MOS 6326)

WORK CENTER NAME/NUMBER _____

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

DATE: August 2002

APPENDIX C

WORK CENTER SUMMARY
AIRCRAFT COMMUNICATIONS/NAVIGATION/ELECTRICAL SYSTEMS TECHNICIAN (MOS 6326)

WORK CENTER NAME/NUMBER _____

NAME/MOS	LEVEL	B.12	B.13	B.14	B.154	B.16	B.17	B.18	B.19	B.20	B.21	B.22	B.23	B.24	B.25	B.26
	II										XXXX					
	III															
	IV															
	II										XXXX					
	III															
	IV															
	II										XXXX					
	III															
	IV															
	II										XXXX					
	III															
	IV															
	II										XXXX					
	III															
	IV															
	II										XXXX					
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	II										XXXX					
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	IV															
	II										XXXX					
	III															
	IV															
	II										XXXX					
	III															
	IV															
	II										XXXX					
	III															
	IV															
	II										XXXX					
	III															
	IV															

DATE: August 2002

APPENDIX D

SUPPROT EQUIPMENT LICENSING RECORD

SUPPORT EQUIPMENT NOMENCLATURE	REFERENCE	PHASE I	PHASE II	LICENSED	EXPIRATION

NAME/SSN: _____ RANK: _____ MOS: _____ DATE: August 2002