

DUTY AREA
AIRCRAFT ELECTRICAL SYSTEMS TECHNICIAN (MOS 6336)

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 the theory of operation and performs applicable organizational level maintenance on the primary AC power system using appropriate maintenance procedures and support/test equipment.
5. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the secondary AC power system using appropriate maintenance procedures and support/test equipment.
6. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the DC power system using appropriate maintenance procedures and support/test equipment.
7. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the hydraulic control system using appropriate maintenance procedures and support/test equipment.
8. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the landing gear system using appropriate maintenance procedures and support/test equipment.
9. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the control surface circuits using appropriate maintenance procedures and support/test equipment.
10. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the fire isolation/detection system using appropriate maintenance procedures and support/test equipment.
11. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the ice detection system using appropriate maintenance procedures and support/test equipment.
12. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the propeller anti/de-ice system using appropriate maintenance procedures and support/test equipment.
13. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the windshield anti-ice system using appropriate maintenance procedures and support/test equipment.
14. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the fuel transfer/management system 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 fuel quantity indicating system using appropriate maintenance procedures and support/test equipment.
16. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the In-Flight Refueling (IFR) system using appropriate maintenance procedures and support/test equipment.

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17. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the engine start/stop control system using appropriate organizational maintenance procedures and support/test equipment.
18. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the electronic fuel control system using appropriate maintenance procedures and support/test equipment.
19. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the propeller synchro phaser system using appropriate maintenance procedures and support/test equipment.
20. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the FCS 105 flight system 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 pitot static system using appropriate maintenance procedures and support/test equipment.
22. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the lighting system using appropriate maintenance procedures and support/test equipment.
23. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the Aerial Delivery System (ADS) using appropriate maintenance procedures and support/test equipment.
24. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the basic and miscellaneous aircraft instruments using appropriate maintenance procedures and support/test equipment.
25. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the B&D 2504 true airspeed system using appropriate maintenance procedures and support/test equipment.
26. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the anti-skid/wheel brake system using appropriate maintenance procedures and support/test equipment.
27. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the bleed air duct Overheat Detection System (ODS) using appropriate maintenance procedures and support/test equipment.
28. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the AN/ASH-37 structural data recording system using appropriate maintenance procedures and support/test equipment.
29. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the AN/AUQ-157 ICRM system using appropriate maintenance procedures and support/test equipment.
30. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the AN/ALE-39 countermeasures dispensing system using appropriate maintenance procedures and support/test equipment.
31. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the AN/AAR-47 missile warning set using appropriate maintenance procedures and support/test equipment.
32. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the AN/APR-39A(V)1 radar signals detecting set using appropriate maintenance procedures and support/test equipment.
33. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the AN/APR-39(V)2 radar signals detecting set 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.

DATE: April 2002

INDIVIDUAL DUTY AREA QUALIFICATION SUMMARY
AIRCRAFT ELECTRICAL SYSTEMS TECHNICIAN (MOS 6336)

NAME / SSN _____

Granted MOS 6331 _____ / _____
Granted MOS 6336 _____ / _____

Level II Completed _____ / _____
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	XX		XX		XX		XX	
A.1	SUPPORT/SPECIAL EQUIPMENT	/		/		/		/	
A.2	SAFETY PRECAUTIONS AND PROCEDURES	/		/		/		/	
A.3	AIRCRAFT PUBLICATIONS, DIAGRAMS, SKETCHES AND DRAWINGS	/		/		/		/	
A.4	PRECISION MEASURING EQUIPMENT	/		/		/		/	
B.	SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES	XX		XX		XX		XX	
B.1	REQUIRED SCHEDULED/UNSCHEDULED INSPECTIONS	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.2	TECHNICAL DIRECTIVES SYSTEM	XXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXXXX	
B.3	WIRE/CONNECTOR REPAIR	/		/		/		/	
B.4	PRIMARY AC POWER SYSTEM	/		/		/		/	
B.5	SECONDARY AC POWER SYSTEM	/		/		/		/	
B.6	DC POWER SYSTEM	/		/		/		/	
B.7	HYDRAULIC CONTROL SYSTEM	/		/		/		/	
B.8	LANDING GEAR SYSTEM	/		/		/		/	
B.9	CONTROL SURFACE CIRCUITS	/		/		/		/	
B.10	FIRE ISOLATION/DETECTION SYSTEM	/		/		/		/	
B.11	ICE DETECTION SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.12	PROPELLER ANTI/DE-ICE SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.13	WINDSHIELD ANTI-ICE SYSTEM	/		/		/		/	
B.14	FUEL TRANSFER/MANAGEMENT SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.15	FUEL QUANTITY INDICATING SYSTEM	/		/		/		/	
B.16	INFLIGHT REFUELING (IFR) SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.17	ENGINE START/STOP CONTROL SYSTEM	/		/		/		/	
B.18	ELECTRONIC FUEL CONTROL SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.19	PROPELLER SYNCHRO PHASER SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.20	FCS 105 FLIGHT SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.21	PITOT STATIC SYSTEM	/		/		/		/	
B.22	LIGHTING SYSTEM	/		/		/		/	
B.23	AERIAL DELIVERY SYSTEM (ADS)	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.24	BASIC AND MISCELLANEOUS AIRCRAFT INSTRUMENTS	/		/		/		/	
B.25	B&D 2504 TRUE AIRSPEED SYSTEM	/		/		/		/	
B.26	ANTI-SKID/WHEEL BRAKE SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.27	BLEED AIR DUCT OVERHEAT DETECTION SYSTEM (ODS)	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.28	AN/ASH-37 STRUCTURAL DATA RECORDING SYSTEM	XXXXXXXXXXXXXXXXXXXX		/		/		/	
B.29	AN/ALO-157 IRCM 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.30	AN/ALE-39 COUNTERMEASURES DISPENSING SYSTEM	/		XXXXXXXXXXXXXXXXXXXX		/		/	
B.31	AN/AAR-47 MISSILE WARNING SET	XXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXXXX		/		/	
B.32	AN/APR-39A(V)1 RADAR SIGNALS DETECTING SET	/		XXXXXXXXXXXXXXXXXXXX		/		/	
B.33	AN/APR-39(V)2 RADAR SIGNALS DETECTING SET	/		XXXXXXXXXXXXXXXXXXXX		/		/	

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INDIVIDUAL QUALIFICATION RECORD
AIRCRAFT ELECTRICAL SYSTEMS TECHNICIAN (MOS 6336)

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	*	/ /	*	/ /

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 material	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 and procedures on/around aircraft and 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/use	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	Procedures when aircraft has loss of brakes	NATOPS Manuals		/ /	* / /	
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		/ /	*	/ /
G	Aviator Breathing Oxygen Program (AOB)	OPNAVINST 4790.2 Local Inst		/ /	*	/ /
H	Tire & wheel safety procedures	OPNAVINST 4790.2 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	Work Unit Code Manual	NA01-75GA-8	*	*	/	/	*	/	/
J	Maintenance Requirement Cards Decks	NA01-75GA(X)-6-X	*	*	/	/	*	/	/
K	Aviation Hydraulics Manual	NA01-1A-17			/	/	*	/	/
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 Manual	NA01-1A-505	*		/	/	*	/	/
P	Naval Air Allowance List	NA01-75GA(X)-0			/	/	*	/	/
Q	T-56 Maintenance Instructions Manual	NA02B-5DE-6-1			/	/	/	/	/

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

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Operates multimeter	Owner's Manual	*	/ /	/ /	
B	Operates time domain reflectometer test set	Owner's Manual	*	/ /	/ /	
C	TTU-378	NA01-75GA(X)-2-5	*	/ /	/ /	
D	DRUCK Air Data Test Set 5	NA01-75GA(X)-2-6	*	/ /	/ /	
E	Operates synchrophasor test set	NA01-75GAA-2-11		/ /	/ /	
F	Operates thermocouple tester	NA01-75GA(X)-2-4	*	/ /	/ /	
G	Operates anti-skid test set	NA01-75GA(X)-2-12		/ /	/ /	
H	Operates engine instrument test set, 3402T84-3	Owner's manual		/ /	/ /	
I	Operates FCS 105/C-12 simulator test set	Owner's manual		/ /	/ /	
J	Operates instrument relay test set	Owner's manual		/ /	/ /	
K	Operates engine elect components test set	Owner's manual	*	/ /	/ /	

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INDIVIDUAL QUALIFICATION RECORD
AIRCRAFT ELECTRICAL SYSTEMS TECHNICIAN (MOS 6336)

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		*	/ /	*	/ /
C	Performs 28 day inspection	NA01-75GA(X)-6-3		*	/ /	*	/ /
D	Performs daily inspection	NA01-75GA(X)-6-3		*	/ /	*	/ /
E	Performs preservation/depreservation inspections	NA01-75GA(X)-6-3 Local Inst			/ /	*	/ /
F	Performs acceptance/transfer inspections	OPNAVINST 4790.2 Local Inst			/ /	*	/ /

B.2 Incorporates applicable Technical Directives System.

A	Technical Directive system	NAVAIR 00-25-300			/ /	*	/ /	
B	Rapid Action Engineering Change (RAMEC) Proposals	NAVAIRINST 5215.10			/ /	*	/ /	
C	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	Wire repair procedures	NA01-1A-505 NA01-75GA(X)-2-14		*	*	/ /	*	/ /	
B	Use of crimpers	NA01-1A-505 NA01-75GA(X)-2-14		*	*	/ /	*	/ /	
C	Use of insertion and removal tools for rear release connectors	NA01-1A-505 NA01-75GA(X)-2-14		*	*	/ /	*	/ /	
D	Use of wire strippers	NA01-1A-505 NA01-75GA(X)-2-14		*	*	/ /	*	/ /	
E	Use of wire type list	NA01-1A-505 NA01-75GA(X)-2-14			*	/ /	*	/ /	
F	Repairs of electrical connectors	NA01-1A-505 NA01-75GA(X)-2-14			*	/ /	*	/ /	
G	Repairs co-axial connectors	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
H	Routing of wire bundles	NA01-1A-505 NA01-75GA(X)-2-14			/ /	* / /	
I	Use of splices/terminal (end caps)	NA01-1A-505 NA01-75GA(X)-2-14		*	* / /	* / /	
J	Install relays and terminal blocks	NA01-1A-505 NA01-75GA(X)-2-14			* / /	* / /	
K	Uses of environmental splices	NA01-1A-505 NA01-75GA(X)-2-14		*	* / /	* / /	
L	Repairs aircraft wiring	NA01-1A-505 NA01-75GA(X)-2-14		*	/ /	* / /	
M	Uses wire marker	NA01-1A-505 NA01-75GA(X)-2-14			/ /	* / /	
N	Performs soldering (normal)	NA01-1A-505 NA01-75GA(X)-2-14		*	* / /	* / /	

B.4 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the primary AC power system using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Primary AC power system	NA01-75GA(X)-2-7		*	* / /	* / /	
B	Functional check						
B-1	Primary AC power system	NA01-75GA(X)-2-7		*	* / /	* / /	
C	Fault isolation						
C-1	Primary AC power system	NA01-75GA(X)-2-7	42000		* / /	* / /	
D	Organizational maintenance						
D-1	R&R aircraft Engine generator	NA01-75GA(X)-2-7	42112		* / /	* / /	
D-2	R&R aircraft ATM generator	NA01-75GA(X)-2-7	42411		/ /	/ /	
D-3	R&R aircraft APU generator	NA01-75GA(X)-2-7	4211A		/ /	/ /	
D-4	R&R aircraft generator disconnect	NA01-75GA(X)-2-7	42110		/ /	* / /	
D-5	R&R generator panel	NA01-75GA(X)-2-7	42BHF30		* / /	* / /	
D-6	R&R voltage regulator	NA01-75GA(X)-2-7	42BHF40		* / /	* / /	
D-7	R&R frequency sensitive relay	NA01-75GA(X)-2-7	42A6300		/ /	* / /	

B.5 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the secondary AC power system using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Secondary AC power system	NA01-75GA(X)-2-7		*	* / /	* / /	
B	Functional check						
B-1	Secondary AC power system	NA01-75GA(X)-2-7		*	* / /	* / /	

DA B.5 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C	Fault isolation						
C-1	Secondary AC power system	NA01-75GA(X)-2-7	42000		/ /	*	
D	Organizational maintenance						
D-1	R&R aircraft instrument inverter/engine fuel control	NA01-75GA(X)-2-7	42BH710		/ /	*	
D-2	R&R co-pilots inverter	NA01-75GA(X)-2-7	42BH720		/ /	*	

B.6 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the DC power system using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	DC power system	NA01-75GA(X)-2-7		*	* / /	*	
B	Functional check						
B-1	DC power system	NA01-75GA(X)-2-7		*	* / /	*	
C	Fault isolation						
C-1	DC power system	NA01-75GA(X)-2-7	42842		/ /	*	
D	Organizational maintenance						
D-1	R&R aircraft batteries	NA01-75GA(X)-2-7	42BJ3		/ /	*	

B.7 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the hydraulic control system using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Hydraulic control system	NA01-75GA(X)-2-3		*	* / /	*	
B	Functional check						
B-1	Hydraulic control system	NA01-75GA(X)-2-3		*	* / /	*	
C	Fault isolation						
C-1	Hydraulic control system	NA01-75GA(X)-2-3	45000		/ /	*	
D	Organizational maintenance						

B.8 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the landing gear system using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Landing gear system	NA01-75GA(X)-2-12		*	* / /	*	
B	Functional check						
B-1	Landing gear system	NA01-75GA(X)-2-12		*	* / /	*	

DA B.8 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C	Fault isolation						
C-1	Landing gear system	NA01-75GA(X)-2-12	13000		/ /	*	
D	Organizational maintenance						
D-1	R&R landing gear control box	NA01-75GA(X)-2-12	13000		/ /	*	
D-2	Adjust gear up/down switch	NA01-75GA(X)-2-12	13C18		/ /	*	

B.9 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the control surface circuits using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Control surface	NA01-75GA(X)-2-9		*	*	/ /	
B	Functional check						
B-1	Control surface	NA01-75GA(X)-2-9		*	*	/ /	
C	Fault isolation						
C-1	Control surface	NA01-75GA(X)-2-9	14000		/ /	*	
D	Organizational maintenance						
D-1	R&R elevator trim actuator	NA01-75GA(X)-2-9	14EF0		/ /	*	
D-2	R&R aileron trim actuator	NA01-75GA(X)-2-9	14EE100		/ /	*	
D-3	R&R rudder trim actuator	NA01-75GA(X)-2-9	14EE100		/ /	*	
D-4	Adjusts wing flap control	NA01-75GA(X)-2-9	14F5100		/ /	*	
D-5	Perform assembly metrical flap brake check	NA01-75GA(X)-2-9	14F5100		*	/ /	*

B.10 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the fire isolation/detection system using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Fire detection system	NA01-75GA(X)-2-4		*	*	/ /	
B	Functional check						
B-1	Fire detection system	NA01-75GA(X)-2-4		*	*	/ /	
C	Fault isolation						
C-1	Fire detection system	NA01-75GA(X)-2-4	49A00		/ /	*	
D	Organizational maintenance						
D-1	R&R fire detection loop	NA01-75GA(X)-2-4	293A680		/ /	*	
D-2	R&R walter kiddie unit	NA01-75GA(X)-2-4	49A11		/ /	*	
D-3	R&R turbine overheat detector	NA01-75GA(X)-2-4	293A670		/ /	*	
D-4	R&R nacelle overheat detector	NA01-75GA(X)-2-4	293A670		/ /	*	

B.11 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the ice detection 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	Ice detection system	NA01-75GA(X)-2-4		*	/ /	*	/ /
B	Functional check						
B-1	Ice detection system	NA01-75GA(X)-2-4		*	/ /	*	/ /
C	Fault isolation						
C-1	Ice detection system	NA01-75GA(X)-2-4	49A10	*	/ /	*	/ /

B.12 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the propeller anti/de-ice system using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Propeller anti/de-ice system	NA01-75GA(X)-2-7		*	/ /	*	/ /
B	Fault isolation						
B-1	Propeller anti/de-ice system	NA01-75GA(X)-2-7		*	/ /	*	/ /
C	Organizational maintenance						
C-1	Propeller anti/de-ice system	NA01-75GA(X)-2-7	42832	*	/ /	*	/ /

B.13 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the windshield anti-ice system using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Windshield anti-ice	NA01-75GA(X)-2-7		*	* / /	*	/ /
B	Functional check						
B-1	Windshield anti-ice	NA01-75GA(X)-2-7		*	* / /	*	/ /
C	Fault isolation						
C-1	Windshield anti-ice	NA01-75GA(X)-2-7	42835		/ /	*	/ /

B.14 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the fuel transfer/management system using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Fuel management/transfer system	NA01-75GA(X)-2-5		*	/ /	*	/ /
B	Functional check						
B-1	Fuel management/transfer system	NA01-75GA(X)-2-5		*	/ /	*	/ /
C	Fault isolation						
C-1	Fuel management/transfer system	NA01-75GA(X)-2-5	46000		/ /	*	/ /
D	Organizational maintenance						
D-1	Disconnect/reconnect fuel pumps	NA01-75GA(X)-2-5	4286C		/ /	*	/ /

B.15 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the **fuel quantity indicating 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	Fuel quantity indicating system	NA01-75GA(X)-2-5		*	* / /	* / /	
B	Functional check						
B-1	Fuel quantity indicating system	NA01-75GA(X)-2-5		*	* / /	* / /	
C	Fault isolation						
C-1	Fuel quantity indicating system	NA01-75GA(X)-2-5	46220		* / /	* / /	
D	Organizational maintenance						
D-1	R&R fuel quantity indicators	NA01-75GA(X)-2-5	46220		* / /	* / /	
D-2	R&R fuel quantity probes	NA01-75GA(X)-2-5	46A10		/ /	* / /	
D-3	Repairs fuel quantity connectors	NA01-75GA(X)-2-5	4286C		/ /	* / /	
D-4	Calibrates/adjusts fuel quantity indicators	NA01-75GA(X)-2-5	46220		* / /	* / /	

B.16 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the **In-Flight Refueling (IFR) system**, using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	In-flight refueling system	NA01-75GA(X)-2-5			* / /	* / /	
B	Functional check						
B-1	In-flight refueling system	NA01-75GA(X)-2-5			* / /	* / /	
C	Fault isolation						
C-1	In-flight refueling system	NA01-75GA(X)-2-5	46C10		/ /	* / /	
D	Organizational maintenance						
D-1	R&R time delay relay	NA01-75GA(X)-2-5	42E50		/ /	* / /	

B.17 Demonstrates/applies knowledge of the theory of operation and performs applicable maintenance on the **engine start/stop control system** using appropriate organizational maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Engine start/stop control system	NA01-75GA(X)-2-5		*	* / /	* / /	
B	Functional check						
B-1	Engine start/stop control system	NA01-75GA(X)-2-5		*	* / /	* / /	
C	Fault isolation						
C-1	Engine start/stop control system	NA01-75GA(X)-2-5	29000		* / /	* / /	

B.18 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the electronic fuel control 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	Electronic fuel control system	NA01-75GA(X)-2-5		*	/ /	*	/ /
B	Functional check						
B-1	Electronic fuel control system	NA01-75GA(X)-2-5		*	/ /	*	/ /
C	Fault isolation						
C-1	Electronic fuel control system	NA01-75GA(X)-2-5	29000	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R "T" block assembly	NA01-75GA(X)-2-5	223D60		/ /	*	/ /
D-2	R&R thermocouple harness	NA01-75GA(X)-2-5	223D370		/ /	*	/ /

B.19 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the propeller synchro phaser system using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Propeller synchro phaser system	NA01-75GA(X)-2-11		*	/ /	*	/ /
B	Functional check						
B-1	Propeller synchro phaser system	NA01-75GA(X)-2-11		*	/ /	*	/ /
C	Fault isolation						
C-1	Propeller synchro phaser system	NA01-75GA(X)-2-11	3251400	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R propeller synchro phaser assembly	NA01-75GA(X)-2-11	32515	*	/ /	*	/ /

B.20 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the FCS 105 flight system using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	FCS 105 flight system	NA01-75GA(X)-2-8		*	/ /	*	/ /
B	Functional check						
B-1	FCS 105 flight system	NA01-75GA(X)-2-8		*	/ /	*	/ /
C	Fault isolation						
C-1	FCS 105 flight system	NA01-75GA(X)-2-8	563J0	*	/ /	*	/ /
D	Organizational maintenance						
D-1	R&R altitude control	NA01-75GA(X)-2-8	563FJ00		/ /	*	/ /
D-2	R&R flight computer	NA01-75GA(X)-2-8	563F200	*	/ /	*	/ /
D-3	R&R mode selector	NA01-75GA(X)-2-8	563FT00	*	/ /	*	/ /
D-4	R&R mode coupler	NA01-75GA(X)-2-8	563FM00	*	/ /	*	/ /
D-5	R&R rate of turn sensor	NA01-75GA(X)-2-8	563FN00		/ /	*	/ /
D-6	R&R vertical accelerometer sensor	NA01-75GA(X)-2-8	563FP00		/ /	*	/ /
D-7	R&R auto-pilot controller	NA01-75GA(X)-2-8	5227300		/ /	*	/ /

DA B.20 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-8	R&R yaw damper computer	NA01-75GA(X)-2-8	5227200		* / /	* / /	
D-9	R&R autopilot amplifier	NA01-75GA(X)-2-8	5227100		* / /	* / /	
D-10	R&R servo	NA01-75GA(X)-2-8	5227400		/ /	* / /	
D-11	R&R ADI indicator	NA01-75GA(X)-2-8	51R1E00		/ /	* / /	

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

A	Theory of operation						
A-1	Pitot static system	NA01-75GA(X)-2-6		*	* / /	* / /	
B	Functional check						
B-1	Pitot static system	NA01-75GA(X)-2-6		*	* / /	* / /	
C	Fault isolation						
C-1	Pitot static system	NA01-75GA(X)-2-6	51C3100		* / /	* / /	
D	Organizational maintenance						
D-1	R&R pitot tube	NA01-75GA(X)-2-6	51C3130		/ /	* / /	
D-2	R&R airspeed indicator	NA01-75GA(X)-2-6	51R15		/ /	* / /	
D-3	R&R true airspeed indicator	NA01-75GA(X)-2-6	51R18		/ /	* / /	
D-4	R&R barometric altimeter	NA01-75GA(X)-2-6	51R2Q		/ /	* / /	
D-5	R&R altimeter encoder	NA01-75GA(X)-2-6	51R2N		/ /	* / /	
D-6	R&R rate-of-climb indicator	NA01-75GA(X)-2-6	51R1A		/ /	* / /	
D-7	R&R true airspeed computer	NA01-75GA(X)-2-6	5673100		/ /	* / /	
D-8	R&R rosemont probe (T Model Only)	NA01-75GA(X)-2-6	51C3100		/ /	* / /	

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

A	Theory of operation						
A-1	Lighting system	NA01-75GA(X)-2-7		*	* / /	* / /	
B	Functional check						
B-1	Lighting system	NA01-75GA(X)-2-7		*	* / /	* / /	
C	Fault isolation						
C-1	Lighting system	NA01-75GA(X)-2-7	44000		* / /	* / /	
D	Organizational maintenance						
D-1	R&R landing light assembly	NA01-75GA(X)-2-7	44C80		/ /	* / /	
D-2	R&R strobe light assembly	NA01-75GA(X)-2-7	44C41		/ /	* / /	
D-3	R&R strobe power supply assembly	NA01-75GA(X)-2-7	44C43		/ /	* / /	

B.23 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the Aerial Delivery System (ADS), using appropriate maintenance procedures and support/test equipment.

A	Theory of operation								
A-1	Ramp and door control system	NA01-75GA(X)-2-7		*	/	/	*	/	/
A-2	Static line retriever system	NA01-75GA(X)-2-7		/	/	*	/	/	
A-3	Air deflector door system	NA01-75GA(X)-2-7		/	/	*	/	/	
A-4	Paratroop jump light system	NA01-75GA(X)-2-7		/	/	*	/	/	
A-5	Alarm bell system	NA01-75GA(X)-2-7		/	/	*	/	/	
B	Functional check								
B-1	Ramp and door control system	NA01-75GA(X)-2-7		*	/	/	*	/	/
B-2	Static line retriever system	NA01-75GA(X)-2-7		/	/	*	/	/	
B-3	Air deflector door system	NA01-75GA(X)-2-7		/	/	*	/	/	
B-4	Paratroop jump light system	NA01-75GA(X)-2-7		/	/	*	/	/	
B-5	Alarm bell system	NA01-75GA(X)-2-7		/	/	*	/	/	
C	Fault isolation								
C-1	Ramp and door control system	NA01-75GA(X)-2-7	42E3300		/	/	*	/	/
C-2	Static line retriever system	NA01-75GA(X)-2-7	11B10		/	/	*	/	/
C-3	Air deflector door system	NA01-75GA(X)-2-7			/	/	*	/	/
C-4	Paratroop jump light system	NA01-75GA(X)-2-7	44CN0		/	/	*	/	/
C-5	Alarm bell system	NA01-75GA(X)-2-7	42BRN		/	/	*	/	/
D	Organizational maintenance								
D-1	R&R alarm bell	NA01-75GA(X)-2-7	42BRN		/	/	/	/	/
D-2	R&R air deflector door actuator	NA01-75GA(X)-2-7	11DJ500		/	/	*	/	/

B.24 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the basic and miscellaneous aircraft instruments using appropriate maintenance procedures and support/test equipment.

A	Theory of operation								
A-1	Pressure indicating systems	NA01-75GA(X)-2-6		*	/	/	*	/	/
A-2	Flow indicating systems	NA01-75GA(X)-2-6		*	/	/	*	/	/
A-3	Position indicating systems	NA01-75GA(X)-2-6		*	/	/	*	/	/
A-4	Turbine inlet temperature indicating system	NA01-75GA(X)-2-6		*	/	/	*	/	/
A-5	Temperature indicating system	NA01-75GA(X)-2-6		*	*	/	*	/	/
A-6	Torque indicating system	NA01-75GA(X)-2-6		*	/	/	*	/	/
A-7	Oil quantity indicating system	NA01-75GA(X)-2-6		*	/	/	*	/	/
A-8	Ammeters & load meters systems	NA01-75GA(X)-2-7		*	/	/	*	/	/
A-9	LOX quantity indicating system	NA01-75GA(X)-2-7			/	/	/	/	/
B	Functional check								
B-1	Pressure indicating systems	NA01-75GA(X)-2-6		*		/	*	/	/
B-2	Flow indicating systems	NA01-75GA(X)-2-6			/	/	*	/	/
B-3	Position indicating systems	NA01-75GA(X)-2-6		*		/	*	/	/
B-4	Turbine inlet temperature indicating system	NA01-75GA(X)-2-6			*	/	*	/	/
B-5	Temperature indicating system	NA01-75GA(X)-2-6		*	*	/	*	/	/
B-6	Torque indicating system	NA01-75GA(X)-2-6			*	/	*	/	/

DA B.24 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
B-7	Oil quantity indicating system	NA01-75GA(X)-2-6		*	/ /	*	/ /
B-8	Ammeters & load meters systems	NA01-75GA(X)-2-7		*	/ /	*	/ /
B-9	LOX quantity indicating system	NA01-75GA(X)-2-7			/ /	/ /	
C	Fault isolation						
C-1	Pressure indicating systems	NA01-75GA(X)-2-6	51000	*	/ /	*	/ /
C-2	Flow indicating systems	NA01-75GA(X)-2-6	51000	*	/ /	*	/ /
C-3	Position indicating systems	NA01-75GA(X)-2-6	51000	*	/ /	*	/ /
C-4	Turbine inlet temperature indicating system	NA01-75GA(X)-2-6	293AK00	*	/ /	*	/ /
C-5	Temperature indicating system	NA01-75GA(X)-2-6	51000	*	/ /	*	/ /
C-6	Torque indicating system	NA01-75GA(X)-2-6	293AK500	*	/ /	*	/ /
C-7	Oil quantity indicating system	NA01-75GA(X)-2-6		*	/ /	*	/ /
C-8	Ammeters & load meters systems	NA01-75GA(X)-2-7			/ /	*	/ /
C-9	LOX quantity indicating system	NA01-75GA(X)-2-7			/ /	/ /	
D	Organizational maintenance						
D-1	R&R miscellaneous indicators	NA01-75GA(X)-2-6	51000		/ /	/ /	

B.25 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the B&D 2504 true airspeed system using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	True airspeed system	NA01-75GA(X)-2-8		*	* / /	*	/ /
B	Functional check						
B-1	True airspeed system	NA01-75GA(X)-2-8		*	* / /	*	/ /
C	Fault isolation						
C-1	True airspeed system	NA01-75GA(X)-2-8		*	* / /	*	/ /
D	Organizational maintenance						
D-1	R&R true airspeed computer	NA01-75GA(X)-2-8	5673100	*	/ /	*	/ /
D-2	R&R cockpit display	NA01-75GA(X)-2-8	5673200		/ /	/ /	
D-3	R&R transducer	NA01-75GA(X)-2-8	5673300		/ /	/ /	

B.26 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the anti-skid/wheel brake system using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Anti-skid system	NA01-756AA-2-7		*	/ /	*	/ /
A-2	Wheel brake system	NA01-756AA-2-3		*	/ /	*	/ /
B	Functional check						
B-1	Anti-skid system	NA01-756AA-2-7		*	/ /	*	/ /
B-2	Wheel brake system	NA01-756AA-2-3		*	/ /	*	/ /

DA B.26 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C	Fault isolation						
C-1	Anti-skid system	NA01-756AA-2-7			* / /	* / /	
C-2	Wheel brake system	NA01-756AA-2-3	42862		/ /	* / /	
D	Organizational maintenance						
D-1	R&R anti-skid control box	NA01-756AA-2-7	42BP121		* / /	* / /	
D-2	R&R wheel transducer/detector	NA01-756AA-2-7	13C13		/ /	* / /	

B.27 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the bleed air duct Overheat Detection System (ODS) using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Bleed Air Duct Overheat Detection System	NA01-75GAA-2-7			* / /	* / /	
B	Functional check						
B-1	Bleed Air Duct Overheat Detection System	NA01-75GAA-2-7			* / /	* / /	
C	Fault isolation						
C-1	Bleed Air Duct Overheat Detection System	NA01-75GAA-2-7			* / /	* / /	
D	Organizational maintenance						
D-1	R&R ODS control unit	NA01-75GAA-2-7			/ /	* / /	
D-2	R&R ODS control panel	NA01-75GAA-2-7			/ /	* / /	
D-2	R&R Sensing element	NA01-75GAA-2-7			/ /	/ /	

B.28 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the AN/ASH-37 structural data recording system using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	AN/ASH-37 structural data recording system	NA01-75GAA-2-7			* / /	* / /	
B	Functional check						
B-1	AN/ASH-37 structural data recording system	NA01-75GAA-2-7			* / /	* / /	
C	Fault isolation						
C-1	AN/ASH-37 structural data recording system	NA01-75GAA-2-7			* / /	* / /	
D	Organizational maintenance						
D-1	R&R Recorder converter	NA01-75GAA-2-7			/ /	* / /	
D-2	R&R Memory unit	NA01-75GAA-2-7			/ /	* / /	
D-3	R&R Data entry keyboard	NA01-75GAA-2-7			/ /	* / /	

B.29 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the [AN/ALE-157](#) [ICRM system](#) using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Infrared jamming system	NA01-75GAA-2-16		*	/ /	*	/ /
B	Functional check						
B-1	Infrared jamming system	NA01-75GAA-2-16	762P0		/ /	*	/ /
C	Fault isolation						
C-1	Infrared jamming system	NA01-75GAA-2-16	762P0		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R control power supply	NA01-75GAA-2-16	762P200		/ /	*	/ /
D-2	R&R control indicator	NA01-75GAA-2-16	762P1		/ /	*	/ /
D-3	R&R transmitter	NA01-75GAA-2-16	762P300		/ /	*	/ /
D-4	R&R EMI filter	NA01-75GAA-2-16	762P5		/ /	*	/ /
D-5	R&R power relay	NA01-75GAA-2-16	428X2		/ /	/	/ /
D-6	Replace control indicator lamps	NA01-75GAA-2-16	762P1		/ /	/	/ /

B.30 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the [AN/ALE-39](#) [countermeasures dispensing system](#) using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Countermeasure dispensing system	NA01-75GAA-2-16		*	/ /	*	/ /
B	Functional check						
B-1	Countermeasure dispensing system	NA01-75GAA-2-16	766M0		/ /	*	/ /
C	Fault isolation						
C-1	Countermeasure dispensing system	NA01-75GAA-2-16	766M0		/ /	*	/ /
D	Organizational maintenance						
D-1	R&R programmer	NA01-75GAA-2-16	766M100		/ /	*	/ /
D-2	R&R CM dispenser control	NA01-75GAA-2-16	766M500		/ /	*	/ /
D-3	R&R sequencer switch	NA01-75GAA-2-16	766M2		/ /	*	/ /
D-4	R&R dispenser housing	NA01-75GAA-2-16	7665H		/ /	*	/ /
D-5	R&R interface unit	NA01-75GAA-2-16			/ /	/	/ /
D-6	R&R external safety switch	NA01-75GAA-2-16	428X4		/ /	/	/ /
D-7	Repairs walk around cord	NA01-75GAA-2-16	428X4		/ /	/	/ /
D-8	Adjusts PGRMR/CDC for flight	NA01-75GAA-2-16			/ /	*	/ /

B.31 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the [AN/AAR-47](#) [missile warning set](#) using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Missile warning set	NA01-75GAA-2-16			/ /	*	/ /
B	Functional check						
B-1	Missile warning set	NA01-75GAA-2-16	761M0		/ /	*	/ /

DA B.31 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C	Fault isolation						
C-1	Missile warning set	NA01-75GAA-2-16	761M0		/ /	* / /	
D	Organizational maintenance						
D-1	R&R computer processor	NA01-75GAA-2-16	761M200		/ /	/ /	
D-2	R&R control indicator	NA01-75GAA-2-16	761M400		/ /	* / /	
D-3	Replace control indicator lamp	NA01-75GAA-2-16	761M400		/ /	* / /	
D-4	R&R sensor unit	NA01-75GAA-2-16	761M300		/ /	* / /	

B.32 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the AN/APR-39A(V)1 **radar signals detecting set** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Radar signals detecting set	NA01-75GAA-2-16		*	/ /	* / /	
B	Functional check						
B-1	Radar signals detecting set	NA01-75GAA-2-16	766W0		/ /	* / /	
C	Fault isolation						
C-1	Radar signals detecting set	NA01-75GAA-2-16	766W0		/ /	* / /	
D	Organizational maintenance						
D-1	R&R indicator	NA01-75GAA-2-16	766W200		/ /	* / /	
D-2	R&R processor	NA01-75GAA-2-16	766WA00		/ /	* / /	
D-3	R&R user data module	NA01-75GAA-2-16	766WA70		/ /	* / /	
D-4	R&R control	NA01-75GAA-2-16	766WC		/ /	* / /	
D-5	R&R forward receiver	NA01-75GAA-2-16	766WB00		/ /	* / /	
D-6	R&R aft receiver	NA01-75GAA-2-16	766WB00		/ /	* / /	
D-7	R&R antenna	NA01-75GAA-2-16	766WD/E		/ /	/ /	
D-8	R&R blade antenna	NA01-75GAA-2-16	766W6		/ /	/ /	

B.33 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the AN/APR-39(V)2 **radar signals detecting set** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Radar signals detecting set	NA01-75GAA-2-16		*	/ /	* / /	
B	Functional check						
B-1	Radar signals detecting set	NA01-75GAA-2-16			/ /	* / /	
C	Fault isolation						
C-1	Radar signals detecting set	NA01-75GAA-2-16	766W0		/ /	* / /	
D	Organizational maintenance						
D-1	R&R indicator	NA01-75GAA-2-16	766W200		/ /	* / /	
D-2	R&R processor	NA01-75GAA-2-16	766WF00		/ /	* / /	
D-3	R&R user data module	NA01-75GAA-2-16	766WF10		/ /	* / /	

DA B.33 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-4	R&R control	NA01-75GAA-2-16	766WC	/ /	*	/ /	
D-5	R&R forward receiver	NA01-75GAA-2-16	766WG00	/ /	*	/ /	
D-6	R&R aft receiver	NA01-75GAA-2-16	766WG00	/ /	*	/ /	
D-7	R&R antenna	NA01-75GAA-2-16	766WH/J	/ /	/ /	/ /	
D-8	R&R blade antenna	NA01-75GAA-2-16	766W6	/ /	/ /	/ /	

IQR, MOS 6336, NAME: _____

DATE: April 2002

ITSS (MATMEP)

APPENDIX A

INDIVIDUAL EXPERIENCE DATA SHEET

INDIVIDUAL DATA

UNIT EXPERIENCE DATA

NAME: _____

UNIT

SHOP

BILLET

FROM/TO DATES

SSN: _____

COMMENTS:

APPENDIX C

WORK CENTER SUMMARY
AIRCRAFT ELECTRICAL SYSTEMS TECHNICIAN (MOS 6336)

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
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APPENDIX C

WORK CENTER SUMMARY
AIRCRAFT ELECTRICAL SYSTEMS TECHNICIAN (MOS 6336)

WORK CENTER NAME / NUMBER _____

DATE: April 2002

APPENDIX C

WORK CENTER SUMMARY
AIRCRAFT ELECTRICAL SYSTEMS TECHNICIAN (MOS 6336)

WORK CENTER NAME / NUMBER _____

DATE: April 2002

APPENDIX D

SUPPORT EQUIPMENT LICENSING RECORD

NAME / SSN:

RANK: _____ MOS: _____

DATE: April 2002