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 knowledge of applicable aircraft **publications, diagrams, sketches, and drawings**.
3. Performs tasks on the aircraft using applicable **precision measuring equipment**.
4. Demonstrates/applies applicable **safety precautions and procedures** around the aircraft and work center.

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 and overheat 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/pitot heat 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.

DA MOS 6336 (Continued)

16. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the **engine control system** using appropriate organizational maintenance procedures and support/test equipment.
17. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the **bleed air control system** using appropriate maintenance procedures and support/test equipment.
18. Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the **air conditioning 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 **aircraft indicating and recording 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 **autoflight 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 **aircraft navigational 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 **system integration and display 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 **APU indicating and electrical system** 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 **anti-skid/wheel brake system** 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 **aircraft lighting 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 **Aerial Delivery System (ADS)** using appropriate maintenance procedures and support/test equipment.

SKILL PROGRESSION LEVEL DEFINITIONS

LEVEL I: An asterisk in level I indicate 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-offs.

LEVEL IV: Used by the unit to indicate an individual is advanced in technical and supervisory functions. Prior to sign-off, all training essential and training optional 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 ELECTRICAL SYSTEMS TECHNICIAN (MOS 6336)

NAME/SSN _____

Granted MOS 6331 _____/_____ Level II Completed_____/_____
Granted MOS 6336 _____/_____ 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	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			
A.1	SUPPORT/SPECIAL EQUIPMENT	XXXXXXXXXXXXXXXX	/	/	/
A.2	PUBLICATIONS, DIAGRAMS, SKETCHES, AND DRAWINGS	XXXXXXXXXXXXXXXX	/	/	/
A.3	PRECISION MEASURING EQUIPMENT	XXXXXXXXXXXXXXXX	/	/	/
A.4	SAFETY PRECAUTIONS AND PROCEDURES	XXXXXXXXXXXXXXXX	/	/	/
B.	SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			
B.1	REQUIRED SCHEDULED/UNSCHEDULED INSPECTIONS	XXXXXXXXXXXXXXXX	/	/	/
B.2	TECHNICAL DIRECTIVES SYSTEM	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	/	/
B.3	WIRE/CONNECTOR REPAIR	XXXXXXXXXXXXXXXX	/	/	/
B.4	PRIMARY AC POWER SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.5	SECONDARY AC POWER SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.6	DC POWER SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.7	HYDRAULIC CONTROL SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.8	LANDING GEAR SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.9	CONTROL SURFACE CIRCUITS	XXXXXXXXXXXXXXXX	/	/	/
B.10	FIRE AND OVERHEAT DETECTION SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.11	ICE DETECTION SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.12	PROPELLER ANTI/DE-ICE SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.13	WINDSHIELD ANTI-ICE/PITOT HEAT SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.14	FUEL TRANSFER/MANAGEMENT SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.15	FUEL QUANTITY INDICATING SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.16	ENGINE CONTROL SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.17	BLEED AIR CONTROL SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.18	AIR CONDITIONING SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.19	AIRCRAFT INDICATING AND RECORDING SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.20	AUTOFLIGHT SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.21	AIRCRAFT NAVIGATIONAL SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.22	AIRCRAFT SYSTEM INTEGRATION AND DISPLAY SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.23	APU INDICATING AND ELECTRICAL SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.24	ANTI-SKID/WHEEL BRAKE SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.25	AIRCRAFT LIGHTING SYSTEM	XXXXXXXXXXXXXXXX	/	/	/
B.26	AERIAL DELIVERY SYSTEM (ADS)	XXXXXXXXXXXXXXXX	/	/	/

DATE: May 2003

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	NA 19-15-7		* / /	* / /	
B	Portable Maintenance Aid (PMA)	01-75GAJ-2834-1		* / /	* / /	
C	Crimp tool set pin & socket (ES125121-1)			/ /	/ /	
D	Base mount plate, generator hoist	01-75GAJ-24JG-10-1		/ /	/ /	

A.2 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	NA 00-25-100		* / /	* / /	
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	NA 01-1A-509		* / /	* / /	
F	Avionics Corrosion Control Manual	NA 16-1-540		* / /	* / /	
G	Preservation of Naval Aircraft Manual	NA 15-01-500		/ /	* / /	
H	Support Equipment Corrosion Control Manual	NA 17-1-125		/ /	/ /	
I	Work Unit Code Manual	NA 01-75GAJ-8		* / /	* / /	
J	Maintenance Requirement Cards Decks	NA 01-75GAJ-6-X		* / /	* / /	
K	Aviation Hydraulics Manual	NA 01-1A-17		/ /	* / /	
L	NATOPS Manual	NA 01-75GAJ-1		/ /	* / /	
M	Principles of Operation, System Schematics, Testing & Troubleshooting Manuals	01-75GAJ-00FR-1-1 thru 01-75GAJ-99JG-10-1		* / /	* / /	
N	System Maintenance/IPB Manuals	01-75GAJ-4-00 thru 01-75GAJ-4-99		* / /	* / /	
O	Connector/Wire Repair Manual	NA 01-1A-505		* / /	* / /	
P	Naval Air Allowance List	NA 01-75GAJ-0		/ /	* / /	
Q	Compass Calibration Procedures Manual	MIL-STD-756A		/ /	* / /	

A.3 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	Operates TTU-378 fuel quantity test set	01-75GAJ-28FI-00-1		* / /	* / /	
D	Operates TTU-205 or equivalent	01-75GAJ-34JG-10-1		* / /	* / /	
E	Operates anti-skid test set	01-75GAJ-32JG-40-1		* / /	* / /	
F	Operates standby compass calibrator	01-75GAJ-34JG-10-1		/ /	* / /	
G	Vane pointer, AOA sensor	01-75GAJ-34JG-10-1		/ /	/ /	
H	Test set, pitch/yaw adjustment module calibration	01-75GAJ-46JG-00-1		/ /	/ /	

A.4 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 Local Command Proc		/ /	* / /	
A-2	Use of solvents/paints/strippers/sealants (Shelf life)	OSHA 29 CFR 1910 NAVAIR A1-NAOSH-SAF-000/P5100-1 Local Command Proc		/ /	* / /	
A-3	Hazardous material	OPNAVINST 4790.2 OSHA 29 CFR 1910 NAVAIR A1-NAOSH-SAF-000/P5100-1 Local Command Proc		* / /	* / /	
A-4	Safety procedures near electricity	OSHA 29 CFR 1910 NAVAIR A1-NAOSH-SAF-000/P5100-1 Local Command Proc		* / /	* / /	
A-5	Entry into confined spaces	OSHA 29 CFR 1910 NAVAIR A1-NAOSH-SAF-000/P5100-1 Local Command Proc		* / /	* / /	
A-6	Gas free engineering	OSHA 29 CFR 1910 NAVAIR A1-NAOSH-SAF-000/P5100-1 Local Command Proc		* / /	/ /	
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 Command Proc		* / /	* / /	

DA A.4 (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 Command Proc		* / /	* / /	
B	Precautions and procedures on/around aircraft and support equipment	Applicable JG Local Command Proc		/ /	/ /	
C	Line emergency procedures	Applicable JG Local Command Proc		/ /	/ /	
D	Hydraulic contamination	OPNAVINST 4790.2_ NA01-1A-17 Local Command Proc		/ /	* / /	
E	Electro-magnetic interference (EMI), electrical static discharge (ESD), & electro-magnetic compatibility (EMC)	OPNAVINST 4790.2_ Local Command Proc		/ /	* / /	
F	Emergency reclamation	OPNAVINST 4790.2_ NA01-1A-509 Local Command Proc		/ /	* / /	
G	Aviator Breathing Oxygen (ABO) Program	OPNAVINST 4790.2_ Local Command Proc		/ /	* / /	
H	Tire & wheel safety procedures	OPNAVINST 4790.2_ Local Command Proc		/ /	/ /	

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	TO 1C-130J-6			* / /	* / /	
B	Phase Maintenance Requirement Cards				/ /	* / /	
B-1	Performs ISO/Phase A inspection	01-75GAJ-6-4			/ /	* / /	
B-2	Performs ISO/Phase B inspection	01-75GAJ-6-4			/ /	* / /	
B-3	Performs ISO/Phase C inspection	01-75GAJ-6-4			/ /	* / /	
B-4	Performs ISO/Phase D inspection	01-75GAJ-6-4			/ /	* / /	
C	Performs daily inspection	01-75GAJ-6-2			* / /	* / /	
D	Performs 35-day inspection	01-75GAJ-6-3			* / /	* / /	
E	Performs 105-day inspection	01-75GAJ-6-3			/ /	* / /	
F	Performs preservation/depreservation inspections	OPNAVINST 4790.2_			/ /	* / /	
G	Performs acceptance/transfer inspections	OPNAVINIST 4790.2_			/ /	* / /	

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	NA 01-1A-505			* / /	* / /	
B	Use of crimpers	NA 01-1A-505			* / /	* / /	
C	Use of insertion and removal tools for rear release connectors	NA 01-1A-505			* / /	* / /	
D	Use of wire strippers	NA 01-1A-505			* / /	* / /	
E	Use of wire type list	NA 01-1A-505			* / /	* / /	
F	Repairs of electrical connectors	NA 01-1A-505			* / /	* / /	
G	Repairs co-axial connectors	NA 01-1A-505			* / /	* / /	

DA B.3 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
H	Routing of wire bundles	NA 01-1A-505			/ /	* / /	
I	Use of splices/terminal (end caps)	NA 01-1A-505			* / /	* / /	
J	Install relays and terminal blocks	NA 01-1A-505			* / /	* / /	
K	Uses of environmental splices	NA 01-1A-505			* / /	* / /	
L	Repairs aircraft wiring	NA 01-1A-505			* / /	* / /	
M	Uses wire marker	NA 01-1A-505			* / /	* / /	
N	Performs soldering (normal)	NA 01-1A-505			* / /	* / /	

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	01-75GAJ-24GS-00-1			* / /	* / /	
B	Functional check						
B-1	Primary AC power system	01-75GAJ-24JG-20-1			* / /	* / /	
C	Fault isolation						
C-1	Engine and APU generators	01-75GAJ-24FI-20-1			* / /	* / /	
C-2	AC power distribution and AC receptacles	01-75GAJ-24FI-50-1			/ /	* / /	
C-3	Electronic circuit breaker units	01-75GAJ-24FI-70-1			* / /	* / /	
D	Organizational maintenance						
D-1	R&R engine generator	01-75GAJ-24GS-20-1			* / /	* / /	
D-2	R&R engine generator control unit	01-75GAJ-24GS-20-1			* / /	* / /	
D-3	R&R APU generator	01-75GAJ-24GS-20-1			/ /	/ /	
D-4	R&R APU generator control unit	01-75GAJ-24GS-20-1			* / /	* / /	
D-5	R&R electrical control panel	01-75GAJ-24GS-20-1			* / /	* / /	

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	01-75GAJ-24GS-00-1			* / /	* / /	
B	Functional check						
B-1	Secondary AC power system	01-75GAJ-24JG-20-1			* / /	* / /	
C	Fault isolation						
C-1	Secondary AC power system	01-75GAJ-24JG-20-1			* / /	* / /	
D	Organizational maintenance						
D-1	R&R static inverters	01-75GAJ-24JG-20-1			/ /	* / /	

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.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	DC power system	01-75GAJ-24GS-00-1			* / /	* / /	
B	Functional check						
B-1	DC power system	01-75GAJ-24JG-20-1			* / /	* / /	
B-2	Transformer-rectifier system	01-75GAJ-24JG-20-1			* / /	* / /	
B-3	Electronic circuit breaker unit	01-75GAJ-24JG-30-1			* / /	* / /	
C	Fault isolation						
C-1	DC power system	01-75GAJ-24FI-30-1			* / /	* / /	
C-2	Transformer-rectifier system	01-75GAJ-24FI-60-1			* / /	* / /	
C-3	Electronic circuit breaker unit	01-75GAJ-24Fi-70-1			* / /	* / /	
D	Organizational maintenance						
D-1	R&R transformer-rectifier	01-75GAJ-24JG-30-1			/ /	* / /	
D-2	R&R low voltage power supplies	01-75GAJ-24JG-30-1			* / /	* / /	
D-3	R&R aircraft batteries	01-75GAJ-24JG-30-1			* / /	* / /	
D-4	R&R panel power distribution units (PPDU)	01-75GAJ-24JG-30-1			/ /	* / /	
D-5	R&R electronic circuit breaker unit (ECBU)	01-75GAJ-24JG-70-1			/ /	* / /	

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	01-75GAJ-29GS-00-1			* / /	* / /	
B	Functional check						
B-1	Hydraulic control system booster/utility	01-75GAJ-29JG-10-1			* / /	* / /	
B-2	Hydraulic control system auxiliary	01-75GAJ-29JG-20-1			* / /	* / /	
B-3	Hydraulic system pressure indicating	01-75GAJ-29JG-30-1			* / /	* / /	
C	Fault isolation						
C-1	Hydraulic control system	01-75GAJ-29FI-00-1			* / /	* / /	
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	01-75GAJ-32GS-00-1			* / /	* / /	
B	Functional check						
B-1	Landing gear system	01-75GAJ-32JG-00-1			* / /	* / /	

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	01-75GAJ-32FI-00-1			/ /	* / /	
D	Organizational maintenance						
D-1	R&R landing gear control box	01-75GAJ-32JG-00-1			/ /	* / /	
D-2	R&R gear up/down switch	01-75GAJ-32JG-60-1			/ /	* / /	
D-3	R&R landing gear touchdown switch	01-75GAJ-32JG-60-1			/ /	/ /	
D-4	Adjust gear up/down switch	01-75GAJ-32JG-60-1			/ /	* / /	

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	01-75GAJ-27GS-00-1			* / /	* / /	
B	Functional check						
B-1	Control surface	01-75GAJ-27JG-00-1			* / /	* / /	
B-2	Stall warning system	01-75GAJ-27JG-30-3			* / /	* / /	
B-3	Flight control position transducers	01-75GAJ-31JG-30-1			* / /	* / /	
C	Fault isolation						
C-1	Control surface	01-75GAJ-27FI-00-1			/ /	* / /	
C-2	Flight control position transducers	01-75GAJ-31FI-00-1			* / /	* / /	
D	Organizational maintenance						
D-1	R&R elevator trim tab actuator assembly	01-75GAJ-27JG-30-2			/ /	* / /	
D-2	R&R aileron trim tab actuator assembly	01-75GAJ-27JG-10-2			/ /	* / /	
D-3	R&R rudder trim tab actuator assembly	01-75GAJ-27JG-20-2			/ /	* / /	
D-4	R&R stick pusher control actuator, capstan and control cables	01-75GAJ-27JG-30-3			/ /	* / /	
D-5	Adjusts wing flap control	01-75GAJ-27JG-50-1			/ /	* / /	
D-6	Adjust flap position transmitter	01-75GAJ-27JG-50-1			/ /	* / /	
D-7	Adjust flap cable break detection switch	01-75GAJ-27JG-50-1			/ /	* / /	
D-8	Perform asymmetrical flap brake check	01-75GAJ-27JG-50-2			* / /	* / /	
D-9	R&R control boost pane	01-75GAJ-27JG-00-1			/ /	* / /	
D-10	R&R flap and trim indication panel	01-75GAJ-27JG-00-1			/ /	* / /	
D-11	R&R tri-axis accelerometer	01-75GAJ-27JG-30-1			/ /	* / /	
D-12	R&R aileron position transducer	01-75GAJ-27JG-30-1			/ /	* / /	
D-13	R&R elevator position transducer	01-75GAJ-27JG-30-1			/ /	* / /	
D-14	R&R rudder position transducer	01-75GAJ-27JG-30-1			/ /	* / /	

B.10 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the fire and overheat 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	Fire and overheat detection system	01-75GAJ-26GS-00-1			* / /	* / /	
B	Functional check						
B-1	Fire and overheat detection system	01-75GAJ-26JG-10-1			* / /	* / /	
C	Fault isolation						
C-1	Fire and overheat detection system	01-75GAJ-26FI-00-1			/ /	* / /	
D	Organizational maintenance						
D-1	R&R fire and overheat detection loop	01-75GAJ-26JG-10-1			/ /	* / /	
D-2	R&R APU fire and overheat detection loop	01-75GAJ-26JG-10-1			/ /	* / /	
D-3	R&R typical bleed air detector loop	01-75GAJ-26JG-10-1			/ /	* / /	
D-4	R&R FODS controller	01-75GAJ-26JG-10-1			* / /	* / /	
D-5	R&R smoke detector	01-75GAJ-26JG-10-1			/ /	* / /	

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.

A	Theory of operation						
A-1	Ice detection system	01-75GAJ-30GS-00-1			* / /	* / /	
B	Functional check						
B-1	Ice detection system	01-75GAJ-30JG-00-1			* / /	* / /	
C	Fault isolation						
C-1	Ice detection system	01-75GAJ-30FI-00-1			/ /	* / /	
D	Functional check						
D-1	R&R ice protection control panel	01-75GAJ-30JG-00-1			/ /	* / /	
D-2	R&R ice detector	01-75GAJ-30JG-00-1			/ /	* / /	

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	01-75GAJ-30GS-00-1			* / /	* / /	
B	Fault isolation						
B-1	Propeller anti/de-ice system	01-75GAJ-30GS-00-1			* / /	* / /	
C	Organizational maintenance						
C-1	Propeller anti/de-ice system	01-75GAJ-30GS-00-1			/ /	* / /	

DA B.12 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D	Organizational maintenance						
D-1	Calibrate propeller de-icing timer unit	01-75GAJ-30JG-1			/ /	* / /	
D-2	R&R propeller de-icing timer unit components	01-75GAJ-30JG-1			/ /	* / /	
D-3	R&R propeller de-icing harness	01-75GAJ-30JG-1			/ /	* / /	

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

A	Theory of operation						
A-1	Windshield anti-ice system	01-75GAJ-30GS-00-1			* / /	* / /	
A-2	Pitot heat system	01-75GAJ-30GS-00-1			* / /	* / /	
B	Functional check						
B-1	Windshield anti-ice system	01-75GAJ-30JG-00-1			* / /	* / /	
B-2	Pitot heat system	01-75GAJ-30JG-00-1			/ /	* / /	
C	Fault isolation						
C-1	Windshield anti-ice system	01-75GAJ-30FI-00-1			/ /	* / /	
C-2	Pitot heat system	01-75GAJ-30GS-00-1			/ /	* / /	
D	Organizational maintenance						
D-1	R&R window heat control	01-75GAJ-30JG-00-1			/ /	* / /	
D-2	R&R window heat transformer	01-75GAJ-30JG-00-1			/ /	* / /	
D-3	R&R pitot heat current monitor	01-75GAJ-30JG-00-1			/ /	* / /	

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	01-75GAJ-28GS-00-1			* / /	* / /	
A-2	Aerial refueling pumps	01-75GAJ-44GS-00-1					
B	Functional check						
B-1	Fuel management/transfer system	01-75GAJ-28JG-00-1			* / /	* / /	
B-2	Check out operation of fuel control panel	01-75GAJ-28JG-00-1			* / /	* / /	
B-3	Check out operation of SPR drain system	01-75GAJ-28JG-20-1			* / /	* / /	
B-4	Check out operation of fuel level control valves	01-75GAJ-28JG-20-1			* / /	* / /	
B-5	Check out operation of fuel cross feed valves	01-75GAJ-28JG-20-1			* / /	* / /	
B-6	Check out operation of fuel cross ship separation valves	01-75GAJ-28JG-20-1			* / /	* / /	
B-7	Check out operation of main tank boost pumps	01-75GAJ-28JG-20-1			* / /	* / /	

DA B.14 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
B-8	Check out operation of transfer pumps	01-75GAJ-28JG-20-1			* / /	* / /	
B-9	Check out operation of aerial refueling pumps	01-75GAJ-44JG-20-1			* / /	* / /	
C	Fault isolation						
C-1	Fuel management/transfer system	01-75GAJ-28FI-00-1			/ /	* / /	
C-2	Conduct fuel management controller IBIT	01-75GAJ-28JG-00-1			* / /	* / /	
C-3	Fuel dump system	01-75GAJ-28JG-30-1			/ /	* / /	
C-4	Aerial refueling pumps	01-75GAJ-28FI-30-1			/ /	* / /	
D	Organizational maintenance						
D-1	Disconnect/reconnect fuel pumps	01-75GAJ-28JG-00-1			/ /	* / /	
D-2	R&R fuel management controller (FMC)	01-75GAJ-28JG-00-1			* / /	* / /	
D-3	R&R fuel control panel	01-75GAJ-28JG-00-1			/ /	* / /	
D-4	Fuselage tank transfer and aerial refueling fuel pump continuity and resistance checks	01-75GAJ-44JG-00-1			/ /	* / /	

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.

A	Theory of operation						
A-1	Fuel quantity indicating system	01-75GAJ-28GS-00-1			* / /	* / /	
B	Functional check						
B-1	Fuel quantity indicating system	01-75GAJ-28JG-40-1			* / /	* / /	
B-2	Fuel pressure indicating system	01-75GAJ-28JG-40-1			* / /	* / /	
B-3	Aux fuel tank empty pressure switch	01-75GAJ-28JG-40-1			* / /	* / /	
C	Fault isolation						
C-1	Fuel quantity indicating system	01-75GAJ-28FI-00-1			* / /	* / /	
D	Organizational maintenance						
D-1	Calibrate fuel quantity indicating system	01-75GAJ-28JG-40-1			/ /	* / /	
D-2	R&R fuel quantity probes	01-75GAJ-28JG-40-1			/ /	* / /	
D-3	Repairs fuel quantity connectors	NA 01-1A-505			/ /	* / /	
D-4	R&R fuse tank fuel quantity probe	01-75GAJ-44JG-50-1			/ /	* / /	
D-5	R&R fuse tank fuel quantity monitor	01-75GAJ-44JG-50-1			/ /	* / /	
D-5	R&R tanker equipment control unit (TECU)	01-75GAJ-44JG-50-1			/ /	* / /	

B.16 Demonstrates/applies knowledge of the theory of operation and performs applicable maintenance on the **engine control system** using appropriate organizational maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Engine control system	01-75GAJ-70GS-00-1			* / /	* / /	
B	Functional check						

DA B.16 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
B-1	Engine control system	01-75GAJ-76JG-00-1			* / /	* / /	
B-2	Operational check of emergency shutoff valves	01-75GAJ-76JG-20-1			/ /	* / /	
C	Fault isolation						
C-1	Engine control system	01-75GAJ-76FI-00-1			* / /	* / /	
D	Organizational maintenance						
D-1	R&R throttle quadrant	01-75GAJ-76JG-00-1			/ /	* / /	
D-2	R&R engine FADEC A wiring harness	01-75GAJ-76JG-00-1			/ /	* / /	
D-3	R&R engine FADEC B wiring harness	01-75GAJ-76JG-00-1			/ /	* / /	
D-4	R&R engine monitoring system wiring harness	01-75GAJ-76JG-00-1			/ /	* / /	
D-5	R&R miscellaneous services wiring harness	01-75GAJ-76JG-00-1			/ /	* / /	
D-6	R&R power turbine speed (Np) sensor wiring harness	01-75GAJ-76JG-00-1			/ /	* / /	
D-7	R&R FADEC A thermocouple wiring harness	01-75GAJ-76JG-00-1			/ /	* / /	
D-8	R&R FADEC B thermocouple wiring harness	01-75GAJ-76JG-00-1			/ /	* / /	
D-9	Check out oil cooler flaps control panel	01-75GAJ-76JG-00-1			/ /	* / /	
D-10	R&R oil cooler flaps control panel	01-75GAJ-76JG-00-1			/ /	* / /	

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

A	Theory of operation						
A-1	Bleed air control system	01-75GAJ-36GS-00-1			* / /	* / /	
B	Functional check						
B-1	Bleed air control system	01-75GAJ-36JG-00-1			* / /	* / /	
C	Fault isolation						
C-1	Bleed air control system	01-75GAJ-36FI-00-1			/ /	* / /	
D	Organizational maintenance						
D-1	Conduct Bleed Air and Environmental Control System (BAECS) IBIT	01-75GAJ-36JG-00-1			* / /	* / /	
D-2	Check out operation of bleed air control panel	01-75GAJ-36JG-00-1			/ /	* / /	
D-3	R&R BAECS controller	01-75GAJ-36JG-00-1			* / /	* / /	
D-4	R&R emergency override diverter valve switch	01-75GAJ-36JG-00-1			/ /	* / /	
D-5	R&R bleed air pressure indicating system	01-75GAJ-36JG-00-1			/ /	* / /	

B.18 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the **air conditioning 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	Air conditioning system	01-75GAJ-21GS-00-1			* / /	* / /	
B	Functional check						
B-1	Air conditioning system	01-75GAJ-21JG-00-1			* / /	* / /	
C	Fault isolation						
C-1	Air conditioning system	01-75GAJ-21FI-00-1			/ /	* / /	
D	Organizational maintenance						
D-1	R&R air recirculating fan pressure transducer	01-75GAJ-21JG-20-1			/ /	* / /	
D-2	R&R avionics overhead cooling fan	01-75GAJ-21JG-20-1			/ /	* / /	
D-3	R&R avionics equipment cooling fan	01-75GAJ-21JG-20-1			/ /	* / /	
D-4	R&R avionics cooling air flow sensor	01-75GAJ-21JG-20-1			/ /	* / /	
D-5	R&R avionics cooling temperature sensor	01-75GAJ-21JG-20-1			/ /	* / /	
D-6	R&R avionics cooling pressure transducer	01-75GAJ-21JG-20-1			/ /	* / /	
D-7	R&R cabin pressure transducer	01-75GAJ-21JG-20-1			/ /	* / /	

B.19 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the **aircraft indicating and recording system** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Indicating and recording system	01-75GAJ-31JG-10-1			* / /	* / /	
B	Functional check						
B-1	Operation of engine start control panel	01-75GAJ-31JG-10-1			* / /	* / /	
B-2	Operation of APU control panel	01-75GAJ-31JG-10-1			* / /	* / /	
B-3	Operation of prop control/sync/FADEC control panel	01-75GAJ-31JG-10-1			* / /	* / /	
B-4	Operation of pilot/co-pilot reference set/mode select panel	01-75GAJ-31JG-10-1			* / /	* / /	
B-5	Operation of ELT/windshield wiper control panel	01-75GAJ-31JG-10-1			* / /	* / /	
B-6	Operation of defensive system control panel	01-75GAJ-31JG-10-1			* / /	* / /	
B-7	Operation of data transfer system	01-75GAJ-31JG-30-1			* / /	* / /	
B-8	Operation of aerial refueling control panel	01-75GAJ-44JG-00-1			* / /	* / /	
C	Fault isolation						
C-1	Indicating and recording system	01-75GAJ-31FI-10-1			/ /	* / /	
C-2	Aerial refueling control panel	01-75GAJ-44FI-00-1			/ /	* / /	
D	Organizational maintenance						
D-1	R&R control panels	01-75GAJ-31JG-10-1			/ /	* / /	
D-2	R&R aerial refueling control panel	01-75GAJ-31JG-10-1			* / /	* / /	

B.20 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the **autoflight 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	Autoflight system	01-75GAJ-22GS-00-1			* / /	* / /	
B	Functional check						
B-1	Autoflight system	01-75GAJ-22JG-10-1			* / /	* / /	
B-2	Autothrottle system	01-75GAJ-22JG-10-1			* / /	* / /	
C	Fault isolation						
C-1	Autoflight system	01-75GAJ-22GS-00-1			* / /	* / /	
D	Organizational maintenance						
D-1	R&R automatic flight control processor	01-75GAJ-22JG-10-1			* / /	* / /	
D-2	R&R digital autopilot/flight director system	01-75GAJ-22JG-10-1			/ /	* / /	
D-3	R&R autopilot servo assemblies	01-75GAJ-22JG-10-1	562E9		/ /	* / /	

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

A	Theory of operation						
A-1	Navigation system	01-75GAJ-34GS-00-1			* / /	* / /	
B	Functional check						
B-1	Pitot static/distributed air data system	01-75GAJ-34JG-10-1			* / /	* / /	
B-2	Standby magnetic compass	01-75GAJ-34JG-10-1			/ /	* / /	
B-3	Standby attitude indicator	01-75GAJ-34JG-20-1			/ /	* / /	
B-4	Cursor control panel	01-75GAJ-34JG-00-1			/ /	* / /	
C	Fault isolation						
C-1	Navigation system	01-75GAJ-34FI-00-1			* / /	* / /	
C-1	Check pitot/static system for leaks	01-75GAJ-34JG-10-1			* / /	* / /	
D	Organizational maintenance						
D-1	R&R cursor control panel and control grip	01-75GAJ-34JG-10-1			/ /	* / /	
D-2	R&R static transducer pressure unit	01-75GAJ-34JG-10-1			/ /	* / /	
D-3	Inspect Angle of Attack (AOA) vanes	01-75GAJ-34JG-10-1			/ /	* / /	
D-4	R&R pitot/static head	01-75GAJ-34JG-10-1			/ /	* / /	
D-5	R&R standby airspeed/altimeter indicator	01-75GAJ-34JG-10-1			/ /	* / /	
D-6	R&R Centralized Air Data Computer (CADC)	01-75GAJ-34JG-10-1			/ /	* / /	
D-7	R&R total temperature probe	01-75GAJ-34JG-10-1			/ /	* / /	
D-8	R&R standby magnetic compass	01-75GAJ-34JG-10-1			/ /	* / /	
D-9	Calibrate standby magnetic compass	01-75GAJ-34JG-10-1			/ /	* / /	
D-10	R&R standby attitude indicator	01-75GAJ-34JG-20-1			/ /	* / /	

B.22 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the **aircraft system integration and display 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	System integration and display	01-75GAJ-46GS-00-1			* / /	* / /	
A-2	Comm/Nav/ID management system	01-75GAJ-48GS-00-1			* / /	* / /	
B	Functional check						
B-1	System integration and display	01-75GAJ-46JG-00-1			* / /	* / /	
B-2	Operation of BAU type I and II	01-75GAJ-46JG-00-1			* / /	* / /	
B-3	Operation of mission computers I and II	01-75GAJ-46JG-00-1			* / /	* / /	
B-4	Operation of BIU I and II	01-75GAJ-46JG-00-1			* / /	* / /	
B-5	Operation of Comm/Nav/ECB panel	01-75GAJ-46JG-00-1			* / /	* / /	
B-5	Operation of Comm/Nav/ID management system	01-75GAJ-46JG-00-1			* / /	* / /	
C	Fault isolation						
C-1	System integration and display	01-75GAJ-46FI-00-1			* / /	* / /	
C-2	Comm/Nav/ID management system	01-75GAJ-48FI-00-1			/ /	* / /	
D	Organizational maintenance						
D-1	R&R BAU type I and II	01-75GAJ-46JG-00-1			/ /	* / /	
D-2	R&R mission computers I and II	01-75GAJ-46JG-00-1			/ /	* / /	
D-3	R&R BIU I and II	01-75GAJ-46JG-00-1			/ /	* / /	

B.23 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the **APU indicating and electrical system** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	APU indicating system	01-75GAJ-49GS-00-1			* / /	* / /	
A-2	APU electrical system	01-75GAJ-49GS-00-1			* / /	* / /	
B	Functional check						
B-1	Operation of APU emergency start system	01-75GAJ-49JG-00-1			* / /	* / /	
B-2	Operation of APU emergency shut down system	01-75GAJ-49JG-00-1			* / /	* / /	
B-3	Operation of APU inlet door system	01-75GAJ-49JG-00-1			/ /	* / /	
C	Fault isolation						
C-1	APU indicating system	01-75GAJ-49FI-00-1			* / /	* / /	
C-2	APU electrical system	01-75GAJ-49FI-00-1			* / /	* / /	
D	Organizational maintenance						
D-1	R&R APU electronic three speed switch	01-75GAJ-49JG-00-1			/ /	* / /	
D-2	R&R APU Electronic Temperature and Acceleration Control (ETAC)	01-75GAJ-49JG-00-1			/ /	* / /	
D-3	R&R APU Elapsed Time Indicator (ETI) and/or ETI circuit breaker	01-75GAJ-49JG-00-1			/ /	* / /	
D-4	R&R APU inlet door open warning switch	01-75GAJ-49JG-00-1			/ /	* / /	
D-5	Adjust APU inlet door warning switch	01-75GAJ-49JG-00-1			/ /	* / /	
D-6	Adjust APU inlet door actuator	01-75GAJ-49JG-00-1			/ /	* / /	

B.24 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.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	Anti-skid system	01-75GAJ-32GS-00-1			* / /	* / /	
A-2	Wheel brake system	01-75GAJ-32GS-00-1			* / /	* / /	
B	Functional check						
B-1	Anti-skid system	01-75GAJ-32JG-40-1			* / /	* / /	
B-2	Wheel brake system	01-75GAJ-32JG-40-1			/ /	* / /	
C	Fault isolation						
C-1	Anti-skid system	01-75GAJ-32FI-00-1			/ /	* / /	
C-2	Wheel brake system	01-75GAJ-32FI-00-1			/ /	* / /	
D	Organizational maintenance						
D-1	R&R anti-skid control box	01-75GAJ-32JG-40-1			* / /	* / /	
D-2	R&R wheel transducer/detector	01-75GAJ-32JG-40-1			/ /	* / /	

B.25 Demonstrates/applies knowledge of the theory of operation and performs applicable organizational level maintenance on the **aircraft lighting system** using appropriate maintenance procedures and support/test equipment.

A	Theory of operation						
A-1	Lighting system	01-75GAJ-33GS-00-1			* / /	* / /	
B	Functional check						
B-1	Flight station lighting	01-75GAJ-33JG-00-1			* / /	* / /	
B-2	Cargo compartment lighting	01-75GAJ-33JG-00-1			* / /	* / /	
B-3	Exterior lighting	01-75GAJ-33JG-00-1			* / /	* / /	
B-4	Emergency exit lighting	01-75GAJ-33JG-00-1			* / /	* / /	
B-5	Operation of multi-channel dimming unit	01-75GAJ-33JG-00-1			* / /	* / /	
C	Fault isolation						
C-1	Flight station lighting	01-75GAJ-33FI-00-1			* / /	* / /	
C-2	Cargo compartment lighting	01-75GAJ-33FI-00-2			* / /	* / /	
C-3	Exterior lighting	01-75GAJ-33FI-00-3			* / /	* / /	
C-4	Emergency exit lighting	01-75GAJ-33FI-00-3			* / /	* / /	
D	Organizational maintenance						
D-1	R&R MCDU	01-75GAJ-33JG-00-1			/ /	* / /	
D-2	R&R dome light dimming unit	01-75GAJ-33JG-00-1			/ /	* / /	
D-3	R&R pilot/co-pilot lighting control panel	01-75GAJ-33JG-00-1			* / /	* / /	
D-4	R&R augmented crew station lighting control panel	01-75GAJ-33JG-00-1			* / /	* / /	
D-5	R&R aft cargo lighting control (NVIS)	01-75GAJ-33JG-00-1			* / /	* / /	
D-6	R&R landing light assembly	01-75GAJ-33JG-00-1			* / /	* / /	
D-7	R&R strobe light assembly	01-75GAJ-33JG-00-1			* / /	* / /	
D-8	R&R light power supply	01-75GAJ-33JG-00-1			/ /	* / /	

B.26 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.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operation						
A-1	Ramp and door control system	01-75GAJ-52GS-00-1			* / /	* / /	
A-2	Static line retriever system	01-75GAJ-25GS-00-1			/ /	* / /	
A-3	Air deflector door system	01-75GAJ-25GS-00-1			/ /	* / /	
A-4	Door open warning system	01-75GAJ-52GS-00-1			/ /	* / /	
A-5	Alarm bell system	01-75GAJ-25GS-00-1			/ /	* / /	
B	Functional check						
B-1	Operation of aerial delivery system	01-75GAJ-25JG-00-2			* / /	* / /	
B-2	Operation of static line retriever	01-75GAJ-25JG-00-2			/ /	* / /	
B-3	Operation of aft anchor line arm controls	01-75GAJ-25JG-00-2			/ /	* / /	
B-4	Operation of low altitude parachute extraction system/cargo delivery system	01-75GAJ-25JG-00-2			/ /	/ /	
B-5	Operation of aft ramp and door system	01-75GAJ-52JG-00-2			/ /	* / /	
B-6	Operation of alarm bell system	01-75GAJ-25JG-00-2			/ /	* / /	
B-7	Operation of air deflector door system	01-75GAJ-25JG-00-2			/ /	* / /	
C	Fault isolation						
C-1	Aerial delivery system	01-75GAJ-25FI-00-2			/ /	* / /	
C-2	Static line retriever	01-75GAJ-25FI-00-2			/ /	* / /	
C-3	AFT anchor line arm controls	01-75GAJ-25FI-00-2			/ /	* / /	
C-4	Alarm bell system	01-75GAJ-25FI-00-2			/ /	* / /	
C-5	Air deflector door system	01-75GAJ-25FI-00-2			/ /	* / /	
D	Organizational maintenance						
D-1	R&R ADS control panel	01-75GAJ-25JG-00-2			/ /	* / /	
D-2	R&R air deflector door actuator	01-75GAJ-25JG-00-2			/ /	* / /	
D-3	R&R aft anchor line arm actuator	01-75GAJ-25JG-00-2			/ /	* / /	
D-4	R&R aft anchor line arm	01-75GAJ-25JG-00-2			/ /	* / /	
D-5	Rig aft line arm and position switch	01-75GAJ-25JG-00-2			/ /	* / /	
D-6	Open air deflector doors for maintenance	01-75GAJ-25JG-00-2			* / /	* / /	
D-7	Adjust air deflector door position switch	01-75GAJ-25JG-00-2			/ /	* / /	
D-8	Open and close ramp and door using electrically driven pump	01-75GAJ-52JG-00-2			* / /	* / /	
D-9	Open and close ramp and door using aux system hand pump	01-75GAJ-52JG-00-2			* / /	* / /	

APPENDIX A

INDIVIDUAL EXPERIENCE DATA SHEET

INDIVIDUAL DATA

NAME: _____

SSN: _____

FORMAL SCHOOLS

SCHOOLS NAME	DATE COMPLETED

UNIT EXPERIENCE DATA

UNIT	SHOP	BILLET	FROM/TO DATES

COMMENTS:

_____

_____

_____

DATE: May 2003

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
	II						XXXX										
	III																
	IV																
	II						XXXX										
	III																
	IV																
	II						XXXX										
	III																
	IV																
	II						XXXX										
	III																
	IV																
	II						XXXX										
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	III																
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	IV																
	II						XXXX										
	III																
	IV																
	II						XXXX										
	III																
	IV																

DATE: May 2003

APPENDIX C

WORK CENTER SUMMARY
AIRCRAFT ELECTRICAL SYSTEMS TECHNICIAN (MOS 6336)

WORK CENTER NAME/NUMBER ____

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

APPENDIX D

SUPPORT EQUIPMENT LICENSING RECORD

SUPPORT EQUIPMENT NOMENCLATURE	REFERENCE	PHASE I	PHASE II	LICENSED	EXPIRATION

NAME/SSN: _____ RANK: _____ MOS: _____ DATE: May 2003