DUTY AREA
AIRCRAFT ELECTRICAL SYSTEMS TECHNICIAN (MOS 6333)

A. GENERAL, OPERATIONAL AND SAFETY DUTIES

1. Demonstrates/applies applicable **Safety precautions and procedures** around the aircraft and work center.
2. Demonstrates/applies knowledge of applicable **Aircraft publications, diagrams, sketches and drawings**.
3. Performs tasks on the aircraft using applicable **Precision Measuring Equipment(PME)**.

B. SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES

1. Performs **Scheduled/unscheduled inspections** on applicable systems/components as per Maintenance Requirement Cards.
2. Incorporates applicable **Technical Directives changes/bulletins**.
3. Detects corrosion and performs **Corrosion control**.
4. Demonstrates/applies knowledge of the principles of wire repair and performs applicable organizational level maintenance on the **Aircraft wiring** using appropriate maintenance procedures and support/test equipment.
5. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Liquid Oxygen System (LOX)** using appropriate maintenance procedures and support/test equipment.
6. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Landing gear and related systems** using appropriate maintenance procedures and support/test equipment.
7. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Flight control systems** using appropriate maintenance procedures and support/test equipment.
8. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Power plants and related systems** using appropriate maintenance procedures and support/test equipment.
9. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Environmental control systems** using appropriate maintenance procedures and support/test equipment.
10. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Electrical power and lighting system** using appropriate maintenance procedures and support/test equipment.
11. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Hydraulic systems** using appropriate maintenance procedures and support/test equipment.
12. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Fuel systems** using appropriate maintenance procedures and support/test equipment.
13. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Instruments systems** using appropriate maintenance procedures and support/test equipment.
14. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Standard Central Air Data Computer System (SCDC)** using appropriate maintenance procedures and support/test equipment.
15. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Automatic Flight Control System (AFCS)** using appropriate maintenance procedures and support/test equipment.

## SKILL PROGRESSION LEVEL DEFINITIONS

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

LEVEL II: An asterisk in level II indicates the task is taught at a NAMTRADET/”C” school. 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 that the Marine performs after initial exposure should be annotated on the OPNAV 4790/33 form until the Marine 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 without 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 singed-off. Only one sign-off for the Duty Area is required.

Sign-off blanks: (MO/YR)/(INDIVIDUAL’S INITIALS)/(SUPERVISOR’S INITIALS)

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

INDIVIDUAL DUTY AREA QUALIFICATION SUMMARY
AIRCRAFT ELECTRICAL SYSTEMS TECHNICIAN (MOS 6333)

NAME/SSN:_______________________________________________

Granted MOS 6311:_________/________
Granted MOS 6333:_________/________

Level II Completed:_________/_________
Level III Completed:_________/_________
Level IV Completed:_________/_________

| DUTY # | DUTY DESCRIPTION | LEVEL I DATE/SIGN | LEVEL II DATE/SIGN | LEVEL III DATE/SIGN | LEVEL IV DATE/SIGN |
|---|---|---|---|---|---|
| A. | GENERAL, OPERATIONAL AND SAFETY DUTIES | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | | | |
| A.1 | SAFETY PRECAUTIONS AND PROCEDURES | / | / | / | / |
| A.2 | AIRCRAFT PUBLICATIONS, DIAGRAMS, SKETCHES AND DRAWINGS | / | / | / | / |
| A.3 | PRECISION MEASURING EQUIPMENT (PME) | XXXXXXXXXXXXXXXXX | / | / | / |
| B. | SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | | | |
| B.1 | SCHEDULED/UNSCHEDULED INSPECTIONS | / | / | / | / |
| B.2 | TECHNICAL DIRECTIVES CHANGES/BULLETINS | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | | / | / |
| B.3 | CORROSION CONTROL | / | XXXXXXXXXXXXXXXXX | / | / |
| B.4 | AIRCRAFT WIRING | / | XXXXXXXXXXXXXXXXX | / | / |
| B.5 | LIQUID OXYGEN SYSTEM (LOX) | / | / | / | / |
| B.6 | LANDING GEAR AND RELATED SYSTEMS | / | / | / | / |
| B.7 | FLIGHT CONTROL SYSTEMS | / | / | / | / |
| B.8 | POWER PLANTS AND RELATED SYSTEMS | XXXXXXXXXXXXXXXXX | / | / | / |
| B.9 | ENVIROMENTAL CONTROL SYSTEM | / | / | / | / |
| B.10 | ELECTRICAL POWER AND LIGHTING SYSTEM | / | / | / | / |
| B.11 | HYDRAULIC SYSTEM | / | / | / | / |
| B.12 | FUEL SYSTEM | / | / | / | / |
| B.13 | INSTRUMENTS SYSTEM | XXXXXXXXXXXXXXXXX | / | / | / |
| B.14 | STANDARD CENTRAL AIR DATA SYSTEM (SCADC) | XXXXXXXXXXXXXXXXX | / | / | / |
| B.15 | AUTOMATIC FLIGHT CONTROL SYSTEM (AFCS) | / | / | / | / |

INDIVIDUAL DUTY AREA QUALIFICATION SUMMARY
AIRCRAFT ELECTRICAL SYSTEMS TECHNICIAN (MOS 6333)

A. GENERAL, OPERATIONAL AND SAFETY DUTIES

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

| TASK # | TASK DESCRIPTION | REFERENCE | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|
| 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, Material Safety Data Sheets) | OSHA 29 CFR 1910<br>NAVAIR A1-NAOSH-SAF-000/P5100-1<br>DOD 4140.27-M<br>Local Instr. | | * / / | * / / | |
| A-3 | Safety procedures near electricity | OSHA 29 CFR 1910<br>NAVAIR A1-NAOSH-SAF-000/P5100-1<br>Local Instr. | * | * / / | * / / | |
| A-4 | Hazardous material/waste | OPNAVIST 4790.2<br>Local Instr. | | * / / | * / / | |
| A-5 | Composite material safety | OSHA 29 CFR 1910<br>NAVAIR A1-NAOSH-SAF-000/P5100-1 | | / / | * / / | |
| A-6 | Personal protective equipment (Safety/flight boots, clothing, hearing/eye protection, etc.) | OSHA 29 CFR 1910<br>NAVAIR A1-NAOSH-SAF-000/P5100-1<br>Local Instr. | | * / / | * / / | |
| A-7 | Safety markings | OSHA 29 CFR 1910<br>NAVAIR A1-NAOSH-SAF-000/P5100-1<br>Local Instr. | | * / / | * / / | |
| B | Precautions & procedures on/around helicopters & support equipment | | | | | |
| B-1 | Safety procedures around turning aircraft | NA01-85ADC-2-1<br>Local Instr. | * | * / / | * / / | |
| B-2 | Safety procedures on/near aircraft with pneumatic power | NA01-85ADC-2-1<br>Local Instr | | * / / | * / / | |
| B-3 | Safety procedures on/near aircraft when applying or removing external electrical power | NA01-85ADC-2-1<br>Local Instr | * | * / / | * / / | |
| B-4 | Safety procedures on/near aircraft with use of hydraulic power | NA01-85ADC-2-1<br>Local Instr | * | * / / | * / / | |

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DA A.1 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|
| B-5 | Safety procedures on/near aircraft with ordnance | NA01-85ADC-2-1<br>Local Instr | | * / / | * / / | |
| B-6 | Safety procedures when jacking aircraft or while aircraft is on jacks | NA01-85ADC-2-1<br>Local Instr | | * / / | * / / | |
| B-7 | Safety procedures on/near aircraft maintenance platforms | NA01-85ADC-2-1<br>Local Instr | | * / / | * / / | |
| B-8 | Safety procedures when washing aircraft | NA01-85ADC-2-1<br>NA01-1A-509<br>NA16-1-540<br>Local Instr | | * / / | * / / | |
| B-9 | Safety procedures on/near support equipment operations | NA01-85ADC-2-1<br>Local Instr | | * / / | * / / | |
| B-10 | Safety procedures when securing aircraft with protective covers/devices (red gear) | NA01-85ADC-2-1<br>Local Instr | | / / | / / | |
| B-11 | Safety procedures while installing or removing safety pins and locks | NA01-85ADC-2-1<br>Local Instr | | * / / | / / | |
| C | Line emergency procedures | | | | | |
| C-1 | Types of fire extinguishers | NA01-85ADC-2-1 | | * / / | * / / | |
| C-2 | Emergency egress procedures | NA01-85ADC-2-1 | | / / | * / / | |
| C-3 | Fire fighting | | | | | |
| C-3.1 | Proper extinguishing for composite fire | Applicable MIM’s | | * / / | * / / | |
| C-3.2 | Proper extinguishing for hot brakes | Applicable MIM’s | | * / / | * / / | |
| C-3.3 | Proper extinguishing for engine fire | | | | | |
| C-3.4 | Procedures when aircraft has loss of brakes | NA-17BAD-1 | | * / / | * / / | |
| C-3.5 | Proper extinguishing for electrical fires | | | | | |
| C.4 | Emergency hand signals | Applicable NATOPS | | * / / | * / / | |
| D | Electro-Magnetic Interference (EMI), Electrical Static Discharge (ESD), and Electro-Magnetic Compatibility (EMC) | OPNAVINST 4790.2<br>Local Instr. | | * / / | * / / | |
| E | Emergency reclamation | OPNAVINST 4790.2<br>NA01-1A-509<br>NA16-1-540<br>Local Instr. | | / / | * / / | |
| F | NAMDRP | OPNAVINST 4790.2<br>Local Instr. | | / / | * / / | |
| G | Tire and wheel safety procedures | OPNAVINST 4790.2<br>Local Instr. | | / / | * / / | |

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

| TASK # | TASK DESCRIPTION | REFERENCE | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|
| A | Naval Aviation Maintenance Program (NAMP) | OPNAVINST 4790.2 series | | / / | * / / | |
| B | Occupational Safety & Health administration Manual | | | / / | / / | |
| C | Safety Requirements for Naval Aviation Shore Activities | NAVAIR A1-NAOSH-SAF-000/P5100-1 | | / / | / / | |
| D | Naval Air Systems Command Technical Manual Program | NA00-25-100 | | / / | / / | |
| E | Aircraft Manuals List | NA00-25-200 | | / / | / / | |
| F | Preservation of Naval Aircraft Manual | NA15-01-500 | | / / | / / | |
| G | Weapons System Corrosion control Manual | NA01-1A-509 | | / / | * / / | |
| H | Avionics Cleaning and Corrosion Control Manual | NA16-1-540 | | / / | * / / | |
| I | Support Equipment Corrosion Control Manual | NA17-1-125 | | / / | / / | |
| J | Structural Repair Corrosion Control Manual | NA01-85ADC-3-3 | | / / | * / / | |
| K | Support Equipment Manual | NA00-80T-96 | | / / | / / | |
| L | Aviation Hydraulics Manual | NA01-1A-17 | | / / | * / / | |
| M | Structural Hardware Manual | NA01-1A-8 | | / / | * / / | |
| N | Aircraft Tool Control Manual | NA17-1EAGB-1 | | / / | * / / | |
| O | Connector/Wire Repair Manuals | | | | | |
| O-1 | Wire Repair Manual | NA01-1A-505 | | / / | * / / | |
| O-2 | Wire Connector Repair Manual | NA01-85ADC-2-2.1 | * | / / | * / / | |
| O-3 | Wire Connector Repair Manual | NA01-85ADC-2-2.1.1 | * | / / | * / / | |
| O-4 | Wire Repair Manual | NA01-85ADC-2-2.2 | * | / / | * / / | |
| O-5 | Component Connector & Terminal Board Wiring Data | NA01-85ADC-2-2.3 | * | / / | * / / | |
| O-6 | Component Connector & Terminal Board Wiring Data | NA01-85ADC-2-2.3.1 | * | / / | * / / | |
| O-7 | Shielded Wire Summary | NA01-85ADC-2-5.1 | | / / | * / / | |
| O-8 | Wiring Data | NA01-85ADC-2-25.1 | | * / / | / / | |
| P | NATOPS Manuals | | | | | |
| P-1 | NATOPS Manual | NA01-85ADC-1 | * | * / / | * / / | |
| P-2 | NATOPS Pocket Checklist | NA01-85ADC-1-1 | | / / | / / | |
| Q | Work Unit Code Manual | NA01-85ADC-8 | | * / / | * / / | |
| R | Daily/Servicing/Special/Preservation/Conditional Maintenance Requirement Cards | NA01-85ADC-6-3 | * | * / / | * / / | |
| S | Phase Maintenance Requirement Cards | NA01-85ADC-6-4 | * | / / | * / / | |
| T | General Aircraft Information & Servicing Manual | NA01-85ADC-2-1 | * | * / / | * / / | |
| U | Maintenance Information Manual System | | | | | |
| U-1 | Landing & Arresting Gear System | NA01-85ADC-2-3 | * | * / / | * / / | |
| U-2 | Flight Control Systems | NA01-85ADC-2-3 | * | * / / | * / / | |
| U-3 | Environmental Systems | NA01-85ADC-2-3 | * | * / / | * / / | |
| U-4 | Hydraulic Power Systems | NA01-85ADC-2-3 | * | * / / | * / / | |
| U-5 | Power Plants & Related Systems | NA01-85ADC-2-3 | * | * / / | * / / | |
| U-6 | Fuel Systems | NA01-85ADC-2-3 | * | * / / | * / / | |
| U-7 | Instrument Systems | NA01-85ADC-2-3 | * | * / / | * / / | |
| U-8 | Electrical Power & Lighting Systems | NA01-85ADC-2-3 | * | * / / | * / / | |
| U-9 | FCS/ACLS Systems | NA01-85ADC-2-3 | | / / | * / / | |
| U-10 | SCADC/ADC Systems | NA01-85ADC-2-3 | * | * / / | * / / | |
| U-11 | Navigation Systems (ASN-50) | NA01-85ADC-2-3 | * | * / / | * / / | |

DA A.2 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|
| U-12 | Analog/Digital Computer System | NA01-85ADC-2-3 | | / / | / / | |
| V | Testing & Troubleshooting Manual | NA01-85ADC-2-3 | | * / / | * / / | |
| W | Principals of Operation Manual | NA01-85ADC-2-3 | | / / | * / / | |
| X | Illustrated Parts Breakdown Manuals | | | | | |
| X-1 | Master Locator of Repairables | NA01-85ADC-4-0 | | / / | * / / | |
| X-2 | Numerical Index | NA01-85ADC-4-1 | | / / | * / / | |
| X-3 | Landing & Arresting Gear Systems | NA01-85ADC-4-3 | | / / | * / / | |
| X-4 | Flight Control Systems | NA01-85ADC-4-4 | | / / | * / / | |
| X-5 | Environmental Systems | NA01-85ADC-4-5 | | / / | * / / | |
| X-6 | Power Plants & Related Systems | NA01-85ADC-4-8 | | / / | * / / | |
| X-7 | Fuel Systems | NA01-85ADC-4-9 | | / / | * / / | |
| X-8 | Instrument Systems | NA01-85ADC-4-10 | | / / | * / / | |
| X-9 | Electrical Power & Lighting Systems | NA01-85ADC-4-12 | * | * / / | * / / | |
| X-10 | Avionics | NA01-85ADC-4-13 | | / / | * / / | |
| X-11 | Special Support equipment | NA01-85ADC-4-14 | | / / | / / | |

A.3 Performs tasks on the aircraft using **Precision Measuring Equipment(PME)**.

| | | | | | | |
|---|---|---|---|---|---|---|
| A | Operates multimeter | NA01-85ADC-2-23 | | / / | * / / | |
| B | Operates ADTS405-8325, pilot/static test set | NA01-85ADC-2-23 | | * / / | * / / | |
| C | Operates TF-20, fuel/LOX quantity test set | NA01-85ADC-2-23 | | / / | * / / | |
| D | Operates MC-1000 compass calibration test set | NA01-85ADC-2-23 | | / / | * / / | |
| E | Operates standby compass calibration test set | NA01-85ADC-2-23 | | / / | * / / | |
| F | Operates aircraft power line test set | NA01-85ADC-2-23 | | * / / | * / / | |
| G | Operates wing tip speed brake test set | NA01-85ADC-2-23 | | / / | / / | |
| H | Operates line test set | NA01-85ADC-2-23 | | / / | / / | |
| I | Operates insulation breakdown test set | NA01-85ADC-2-23 | | / / | / / | |
| J | Operates anti-skid test set | NA01-85ADC-2-23 | | / / | / / | |
| K | Operates megger | NA01-85ADC-2-23 | | / / | / / | |

INDIVIDUAL QUALIFICATION RECORD
AIRCRAFT ELECTRICAL SYSTEM TECHNICIAN (MOS 6333)

B. SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES

B.1 Performs **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 | Performs 14-day inspection | NA01-85ADC-6-3 | | * | * / / | * / / | |
| B | Performs 28-day inspection | NA01-85ADC-6-3 | | * | * / / | * / / | |
| C | Performs 364-day inspection | NA01-85ADC-6-3 | | * | / / | * / / | |
| D | Performs conditional inspection | NA01-85ADC-6-3 | | * | / / | * / / | |
| E | Performs normal accelerometer reporting | OPNAVINST 4790.2 | | | / / | * / / | |
| F | Performs acceptance inspection | NA01-85ADC-6-3 | | | / / | * / / | |
| G | Performs transfer inspection | NA01-85ADC-6-3 | | | / / | * / / | |
| H | Performs Type D preservation/depreservation Inspection | NA01-85ADC-6-3 | | | / / | / / | |
| I | Performs “A” phase inspection | NA01-85ADC-6-4 | | * | / / | * / / | |
| J | Performs “B” phase inspection | NA01-85ADC-6-4 | | * | / / | * / / | |
| K | Performs “C” phase inspection | NA01-85ADC-6-4 | | * | / / | * / / | |
| L | Performs “D” phase inspection | NA01-85ADC-6-4 | | * | / / | * / / | |

B.2 Incorporates applicable **Technical Directives changes/bulletins**.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A | Technical Directive System | NAVAIR 00-25-300 | | | / / | * / / | |
| B | Incorporates Technical Directive | OPNAVINST 4790.2 | | | / / | * / / | |

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

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A | Performs corrosion detection during all maintenance actions performed on the aircraft. | NA15-01-500<br>NA16-1-540<br>NA01-85ADC-6-3 | | * | / / | * / / | |

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DA B.3 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| B | Performs corrosion prevention during all maintenance actions performed on the aircraft. | NA15-01-500<br>NA16-1-540<br>NA01-85ADC-6-3 | | * | / / | * / / | |
| C | Performs corrective action on corrosion discrepancies found on the aircraft/components | NA15-01-500<br>NA16-1-540<br>NA01-85ADC-6-3 | | * | / / | * / / | |

B.4 Demonstrates/applies knowledge of the principles of wire repair and performs applicable organizational level maintenance on the **Aircraft wiring** using appropriate maintenance procedures and support/test equipment.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A | Cannon plug repair (crimp type pins) | | | | | | |
| A-1.1 | Repairs cannon plug assembly | NA01-85ADC-2-2 ser | | * | / / | * / / | |
| A-1.2 | Performs pin extraction/insertion procedures | NA01-85ADC-2-2 ser | | * | / / | * / / | |
| A-2 | Cannon plug repair (solder pin type) | | | | | | |
| A-2.1 | Repairs cannon plug assembly | NA01-85ADC-2-2 ser<br>NA01-85ADC-2-3 ser | | * | / / | * / / | |
| A-2.2 | Performs pin extraction/insertion procedures | NA01-85ADC-2-2 ser<br>NA01-85ADC-2-3 ser | | * | / / | * / / | |
| A-2.3 | Performs proper soldering techniques | NA01-85ADC-2-2 ser<br>NA01-85ADC-2-3 ser | | * | / / | * / / | |
| A-2.4 | Performs proper heat shrink procedures | NA01-85ADC-2-2 ser<br>NA01-85ADC-2-3 ser | | * | / / | * / / | |
| A-3 | R&R terminal board (pole type) | | | | | | |
| A-3.1 | Performs proper soldering techniques | NA01-85ADC-2-2 ser<br>NA01-85ADC-2-3 ser | | * | / / | * / / | |
| A-3.2 | Performs proper heat shrink procedures | NA01-85ADC-2-2 ser<br>NA01-85ADC-2-3 ser | | * | / / | * / / | |
| A-4 | Terminal board repair (hook type) | | | | | | |
| A-4.1 | Performs proper soldering techniques | NA01-85ADC-2-2 ser<br>NA01-85ADC-2-3 ser | | * | / / | * / / | |
| A-4.2 | Performs proper heat shrink procedures | NA01-85ADC-2-2 ser<br>NA01-85ADC-2-3 ser | | * | / / | * / / | |

DA B.4 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| A-5 | Relays | | | | | | |
| A-5.1 | R&R relays | NA01-85ADC-2-2 ser<br>NA01-85ADC-2-3 ser | | * | / / | * / / | |
| A-5.2 | Performs proper soldering techniques | NA01-85ADC-2-2 ser<br>NA01-85ADC-2-3 ser | | * | / / | * / / | |
| A-5.3 | Performs proper heat shrink procedures | NA01-85ADC-2-2 ser<br>NA01-85ADC-2-3 ser | | * | / / | * / / | |
| A-6 | R&R components (diodes, resistors, etc) | | | | | | |
| A-6.1 | Performs proper soldering techniques | NA01-85ADC-2-2 ser<br>NA01-85ADC-2-3 ser | | * | / / | * / / | |
| A-6.2 | Performs proper heat shrink procedures | NA01-85ADC-2-2 ser<br>NA01-85ADC-2-3 ser | | * | / / | * / / | |
| A-7 | Wire repair | | | | | | |
| A-7.1 | Performs wire run procedures | NA01-85ADC-2-2 ser<br>NA01-85ADC-2-3 ser | | * | / / | * / / | |
| A-7.2 | Performs proper soldering techniques | NA01-85ADC-2-2 ser<br>NA01-85ADC-2-3 ser | | * | / / | * / / | |
| A-7.3 | Performs proper heat shrink procedures | NA01-85ADC-2-2 ser<br>NA01-85ADC-2-3 ser | | * | / / | * / / | |
| A-7.4 | Performs proper splicing techniques | NA01-85ADC-2-2 ser<br>NA01-85ADC-2-3 ser | | * | / / | * / / | |
| A-7.5 | Performs wire terminal end replacement | NA01-85ADC-2-2 ser<br>NA01-85ADC-2-3 ser | | * | / / | * / / | |
| A-8 | Circuit breakers | | | | | | |
| A-8.1 | R&R circuit breakers | NA01-85ADC-2-10 | | | / / | * / / | |
| A-8.2 | Checks proper current level | NA01-85ADC-2-10 | | | / / | * / / | |
| A-8.3 | Checks proper circuit breaker placement | NA01-85ADC-2-10 | | | / / | * / / | |
| A-9 | Down & lock, up & lock, etc | | | | | | |
| A-9.1 | Performs proper adjustment requirements | NA01-85ADC-2-10 | | | / / | * / / | |
| A-10 | Switch replacement | | | | | | |
| A-10.1 | Performs proper soldering techniques | NA01-85ADC-2-10 | | | / / | * / / | |
| A-10.2 | Performs proper heat shrink procedures | NA01-85ADC-2-10 | | | / / | * / / | |
| A-10.3 | Performs proper potting procedures | NA01-85ADC-2-10 | | | / / | * / / | |
| A-10.4 | Performs proper replacement procedures | Applicable MIM's<br>NA01-85ADC-2-10 | | | / / | * / / | |

IQR, MOS 6333 NAME:_____ DATE: September 2002

DA B.4 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| A-11 | Dages | | | | | | |
| A-11.1 | Performs proper type dage fitting | Applicable MIM's<br>NA01-85ADC-2-10 | | * | / / | * / / | |
| A-11.2 | Performs proper soldering techniques | Applicable MIM's<br>NA01-85ADC-2-10 | | * | / / | * / / | |
| A-11.3 | Performs proper assembly procedures | Applicable MIM's<br>NA01-85ADC-2-10 | | * | / / | * / / | |
| A-11.4 | Performs proper shielding usage | Applicable MIM's<br>NA01-85ADC-2-10 | | * | / / | * / / | |
| A-11.5 | Performs proper aircraft installing | Applicable MIM's<br>NA01-85ADC-2-10 | | | / / | * / / | |
| B | Fault isolation | | | | | | |
| B-1 | Performs proper troubleshooting | NA01-85ADC-2-23 | | | / / | * / / | |
| B-2 | Performs proper metering procedures | NA01-85ADB-2-23 | | | / / | * / / | |

B.5 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Liquid Oxygen system(LOX)** using appropriate maintenance procedures and support/test equipment.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A | Theory of operation | | | * | / / | / / | |
| A-1 | Liquid oxygen system, (LOX) | NA01-85ADC-2-5<br>NA01-85ADC-2-12 | 47910 | | * / / | * / / | |
| B | Functional check | | | | | | |
| B-1 | Fuel/LOX quantity test switch | NA01-85ADC-2-5<br>NA01-85ADC-2-12 | 47R19 | | * / / | * / / | |
| B-2 | LOX/indicator | NA01-85ADC-2-23<br>NA01-85ADC-2-12 | 47R11 | | * / / | * / / | |
| B-3 | LOX warning light | NA01-85ADC-2-23<br>NA01-85ADC-2-12 | 4921600 | | * / / | * / / | |
| B-4 | Low capacitance simulators | NA01-85ADC-2-23<br>NA01-85ADC-2-12 | 47910 | | * / / | * / / | |
| C | Fault isolation | | | | | | |
| C-1 | Fuel/LOX quantity test switch | NA01-85ADC-2-5<br>NA01-85ADC-2-12<br>NA01-85ADC-2-23 | 47910 | | / / | * / / | |

DA B.5 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| C-2 | LOX indicator | NA01-85ADC-2-5<br>NA01-85ADC-2-12<br>NA01-85ADC-2-23 | 47910 | | / / | * / / | |
| C-3 | LOX warning light | NA01-85ADC-2-5<br>NA01-85ADC-2-12<br>NA01-85ADC-2-23 | 47910 | | / / | * / / | |
| C-4 | Low capacitance simulators | NA01-85ADC-2-5<br>NA01-85ADC-2-12<br>NA01-85ADC-2-23 | 47910 | | / / | * / / | |
| C-5 | LOX pressure switch | NA01-85ADC-2-5<br>NA01-85ADC-2-12<br>NA01-85ADC-2-23 | 47910 | | / / | * / / | |
| C-6 | LOX dage fittings | NA01-85ADC-2-5<br>NA01-85ADC-2-12<br>NA01-85ADC-2-23 | 4285N | | / / | * / / | |
| D | Organizational maintenance | | | | | | |
| D-1 | R&R fuel/LOX test switch | NA01-85ADC-2-5<br>NA01-85ADC-2-12<br>NA01-85ADC-4-12 | 57R19 | | / / | * / / | |
| D-2 | R&R LOX indicator | NA01-85ADC-2-5<br>NA01-85ADC-4-5 | 47R11 | | / / | * / / | |
| D-3 | R&R warning light | NA01-85ADC-2-5<br>NA01-85ADC-4-5 | 4921600 | | / / | * / / | |
| D-4 | R&R LOX pressure switch | NA01-85ADC-2-5<br>NA01-85ADC-4-5 | 47AIC30 | | / / | / / | |
| D-5 | R&R low capacitance simulators | NA01-85ADC-2-5<br>NA01-85ADC-4-5 | 47910 | | / / | * / / | |
| D-6 | R&R LOX dage fittings | NA01-85ADC-2-5<br>NA01-85ADC-4-5 | 4285N | | / / | * / / | |

B.6 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Landing gear & related system** using appropriate maintenance procedures and support/test equipment.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A | Theory of operation | | | | | | |
| A-1 | Landing gear system | NA01-85ADC-2-23 | 13000 | * | * / / | * / / | |
| A-2 | Arresting gear system | NA01-85ADC-2-23 | | * | * / / | * / / | |
| A-3 | Anti-skid system | NA01-85ADC-2-23 | 13630 | * | * / / | * / / | |

DA B.6 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| A-4 | Nose wheel steering system | NA01-85ADC-2-23 | | * | * / / | * / / | |
| B | Functional check | | | | | | |
| B-1 | Landing gear system | NA01-85ADC-2-3<br>NA01-85ADC-2-23 | | | <br>* / / | <br>/ / | |
| B-2 | Arresting gear system | NA01-85ADC-2-3<br>NA01-85ADC-2-23 | | | <br>* / / | <br>/ / | |
| B-3 | Anti-skid system | NA01-85ADC-2-3<br>NA01-85ADC-2-23 | | | <br>* / / | <br>* / / | |
| B-4 | Nose wheel steering system | NA01-85ADC-2-3<br>NA01-85ADC-2-23 | | | <br>* / / | <br>/ / | |
| C | Fault isolation | | | | | | |
| C-1 | Main landing gear system | NA01-85ADC-2-3<br>NA01-85ADC-2-25.1 | <br>13130 | | <br>/ / | <br>* / / | |
| C-2 | Nose landing gear system | NA01-85ADC-2-3<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | <br><br>13230 | | <br><br>/ / | <br><br>* / / | |
| C-3 | Nose landing gear strut lock system | NA01-85ADC-2-3<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | <br><br>13228 | | <br><br>/ / | <br><br>* / / | |
| C-4 | Nose landing gear catapult system | NA01-85ADC-2-3<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | <br><br>1391A | | <br><br>/ / | <br><br>* / / | |
| C-5 | Nose landing gear steering system | NA01-85ADC-2-3<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | <br><br>13730 | | <br><br>/ / | <br><br>* / / | |
| C-6 | Anti-skid system | NA01-85ADC-2-3<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | <br><br>13630 | | <br><br>/ / | <br><br>* / / | |
| C-7 | Arresting gear system | NA01-85ADC-2-3<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | <br><br>42865 | | <br><br>/ / | <br><br>* / / | |
| D | Organizational maintenance | | | | | | |
| D-1 | R&R electric disconnect/connect main landing gear | NA01-85ADC-2-12<br>NA01-85ADC-4-3<br>NA01-85ADC-4-12 | <br><br>42867 | | <br><br>/ / | <br><br>/ / | |

DA B.6 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| D-2 | R&R electric disconnect/connect nose gear | NA01-85ADC-2-12<br>NA01-85ADC-4-3<br>NA01-85ADC-4-12 | 42868 | | / / | / / | |
| D-3 | R&R anti-skid control box | NA01-85ADC-2-12<br>NA01-85ADC-4-3<br>NA01-85ADC-4-12 | 1363300 | | / / | / / | |
| D-4 | R&R anti-skid switch miscellaneous control panel | NA01-85ADC-2-12<br>NA01-85ADC-4-3<br>NA01-85ADC-4-12 | 1363300 | | / / | * / / | |
| D-5 | R&R anti-skid detector | NA01-85ADC-2-12<br>NA01-85ADC-4-3<br>NA01-85ADC-4-12 | 13631 | | / / | / / | |
| D-6 | R&R integrated position indicator | NA01-85ADC-2-12<br>NA01-85ADC-4-3<br>NA01-85ADC-4-12 | 14C11 | | / / | / / | |
| D-7 | R&R hook down switch | NA01-85ADC-2-12<br>NA01-85ADC-4-3<br>NA01-85ADC-4-12 | 13833 | | / / | / / | |
| D-8 | R&R hook lift switch | NA01-85ADC-2-12<br>NA01-85ADC-4-3<br>NA01-85ADC-4-12 | 1221Y | | / / | / / | |
| D-9 | R&R electric disconnect/connect | NA01-85ADC-2-12<br>NA01-85ADC-4-3<br>NA01-85ADC-4-12 | 13830 | | / / | / / | |

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

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A | Theory of operation | | | | | | |
| A-1 | Roll control system | NA01-85ADC-2-4<br>NA01-85ADC-2-23 | | * | * / / | * / / | |
| A-2 | Pitch control system | NA01-85ADC-2-4<br>NA01-85ADC-2-23 | | * | * / / | * / / | |
| A-3 | YAW control system | NA01-85ADC-2-4<br>NA01-85ADC-2-23 | | * | * / / | * / / | |

DA B.7 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| A-4 | Flaps/slats system | NA01-85ADC-2-4<br>NA01-85ADC-2-23 | | * | * / / | * / / | |
| A-5 | Speed brake system | NA01-85ADC-2-4<br>NA01-85ADC-2-23 | | * | * / / | * / / | |
| B | Functional check | | | | | | |
| B-1 | FLAPERON control system | NA01-85ADC-2-24<br>NA01-85ADC-2-30 | | | * / / | * / / | |
| B-2 | Horizontal stabilizer system | NA01-85ADC-2-24<br>NA01-85ADC-2-30 | | | * / / | * / / | |
| B-3 | Rudder system | NA01-85ADC-2-4<br>NA01-85ADC-2-23 | | | * / / | * / / | |
| B-4 | Flaps system | NA01-85ADC-2-4<br>NA01-85ADC-2-2 | | | * / / | * / / | |
| B-5 | Slats system | NA01-85ADC-2-4<br>NA01-85ADC-2-23 | | | * / / | * / / | |
| B-6 | Speed brake system | NA01-85ADC-2-4<br>NA01-85ADC-2-23 | | | * / / | * / / | |
| C | Fault isolation | | | | | | |
| C-1 | Stabilizer control system | NA01-85ADC-2-4<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 14B20 | | / / | * / / | |
| C-2 | Stabilizer trim system | NA01-85ADC-2-4<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | | | / / | * / / | |
| C-3 | Rudder control system | NA01-85ADC-2-4<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 1414530 | | / / | * / / | |
| C-4 | Rudder trim system | NA01-85ADC-2-4<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | | | / / | * / / | |
| C-5 | Flaperon control system | NA01-85ADC-2-4<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 14320 | | / / | * / / | |
| C-6 | Flaperon trim system | NA01-85ADC-2-4<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | | | / / | * / / | |

DA B.7 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| C-7 | Slat control system | NA01-85ADC-2-4<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 4287B | | / / | * / / | |
| C-8 | Flap control system | NA01-85ADC-2-4<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 14630 | | / / | * / / | |
| C-9 | Spin assist system | NA01-85ADC-2-4<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 14520 | | / / | * / / | |
| C-10 | Wing tip speed brake system | NA01-85ADC-2-4<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 42877 | | / / | * / / | |
| C-11 | Wing fold system | NA01-85ADC-2-4<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 11930 | | / / | * / / | |
| D | Organizational maintenance | | | | | | |
| D-1 | R&R pilot control stick | NA01-85ADC-2-4<br>(-2-23),(-2-25.1)<br>(-2-10),(-2-12)<br>(-4-4),(-4-12) | 1421100 | | / / | * / / | |
| D-2 | R&R integrated position indicator | NA01-85ADC-2-4<br>(-2-23),(-2-25.1)<br>(-2-10),(-2-12)<br>(-4-4),(-4-12) | 14C11 | | / / | * / / | |
| D-3 | R&R stab trim indicator | NA01-85ADC-2-4<br>(-2-23),(-2-25.1)<br>(-2-10),(-2-12)<br>(-4-4),(-4-12) | 14B23 | | / / | * / / | |
| D-4 | R&R stab trim position transmitter | NA01-85ADC-2-4<br>(-2-23),(-2-25.1)<br>(-2-10),(-2-12)<br>(-4-4),(-4-12) | 14530 | | / / | * / / | |
| D-5 | R&R rudder trim indicator | NA01-85ADC-2-4<br>(-2-23),(-2-25.1)<br>(-2-10),(-2-12)<br>(-4-4),(-4-12) | 14427 | | / / | * / / | |

DA B.7 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| D-6 | R&R rudder trim actuator | NA01-85ADC-2-4 (-2-23),(-2-25.1) (-2-10),(-2-12) (-4-4),(-4-12) | 14A30 | | / / | * / / | |
| D-7 | R&R rudder trim position transmitter | NA01-85ADC-2-4 (-2-23),(-2-25.1) (-2-10),(-2-12) (-4-4),(-4-12) | 14A30 | | / / | * / / | |
| D-8 | R&R rudder throw light | NA01-85ADC-2-4 (-2-23),(-2-25.1) (-2-10),(-2-12) (-4-4),(-4-12) | 4921600 | | / / | * / / | |
| D-9 | R&R miscellaneous system control panel | NA01-85ADC-2-4 (-2-23),(-2-25.1) (-2-10),(-2-12) (-4-4),(-4-12) | 1221C | | / / | * / / | |
| D-10 | R&R top deck relay box | NA01-85ADC-2-4 (-2-23),(-2-25.1) (-2-10),(-2-12) (-4-4),(-4-12) | 426M00 | | / / | * / / | |
| D-11 | R&R rotary switch box assembly | NA01-85ADC-2-4 (-2-23),(-2-25.1) (-2-10),(-2-12) (-4-4),(-4-12) | 14615 | | / / | * / / | |
| D-12 | R&R throttle quadrant | NA01-85ADC-2-4 (-2-23),(-2-25.1) (-2-10),(-2-12) (-4-4),(-4-12) | 29A6200 | | / / | * / / | |
| D-13 | R&R battery | NA01-85ADC-2-4 (-2-23),(-2-25.1) (-2-10),(-2-12) (-4-4), (-4-12) | 42A6E | | / / | * / / | |
| D-14 | R&R speed brake null detector | NA01-85ADC-2-4 (-2-23),(-2-25.1) (-2-10),(-2-12) (-4-4),(-4-12) | 14733 | | / / | * / / | |

DA B.7 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| D-15 | R&R speed brake position transmitter | NA01-85ADC-2-4 (-2-23),(-2-25.1) (-2-10),(-2-12) (-4-4),(-4-12) | 14734 | | / / | * / / | |
| D-16 | R&R aft relay box | NA01-85ADC-2-4 (-2-23),(-2-25.1) (-2-10),(-2-12) (-4-4),(-4-12) | 42B6H | | / / | * / / | |

B.8 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Power plant & related systems** using appropriate maintenance procedures and support/test equipment.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A | Theory of operation | | | | | | |
| A-1 | Engine fuel & control systems | NA01-85ADC-2-8 NA01-85ADC-2-23 | | | * / / | * / / | |
| A-2 | Engine indicating system | NA01-85ADC-2-8 NA01-85ADC-2-23 | | | * / / | * / / | |
| A-3 | Engine oil system | NA01-85ADC-2-8 NA01-85ADC-2-23 | | | * / / | * / / | |
| A-4 | Engine start & ignition system | NA01-85ADC-2-8 NA01-85ADC-2-23 | | | * / / | * / / | |
| A-5 | Engine fire warning system | NA01-85ADC-2-8 NA01-85ADC-2-23 | | | * / / | * / / | |
| A-6 | Engine anti-icing system | NA01-85ADC-2-8 NA01-85ADC-2-23 | | | * / / | * / / | |
| B | Functional check | | | | | | |
| B-1 | Engine fuel & control system | NA01-85ADC-2-8 NA01-85ADC-2-23 | | | / / | / / | |
| B-2 | Engine indicating system | NA01-85ADC-2-8 NA01-85ADC-2-23 | | | * / / | / / | |
| B-3 | Engine oil system | NA01-85ADC-2-8 NA01-85ADC-2-23 | | | * / / | / / | |
| B-4 | Engine start & ignition system | NA01-85ADC-2-8 NA01-85ADC-2-23 | | | * / / | * / / | |
| B-5 | Engine fire warning system | NA01-85ADC-2-8 NA01-85ADC-2-23 | | | * / / | * / / | |

DA B.8 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| B-6 | Engine anti-icing system | NA01-85ADC-2-8<br>NA01-85ADC-2-23 | | | / / | / / | |
| C | Fault isolation | | | | | | |
| C-1 | Engine RPM indicating system | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 29A51 | | / / | * / / | |
| C-2 | EGT indicating system | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 29A52 | | / / | * / / | |
| C-4 | Total temperature probe | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 29A57 | | / / | * / / | |
| C-5 | Engine fuel system | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 4600 | | / / | * / / | |
| C-6 | Engine fuel pump | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 466A380 | | / / | / / | |
| C-7 | Fuel pressure & dump valve | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 466A390 | | / / | / / | |
| C-8 | Low fuel pressure switch | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 466D378 | | / / | * / / | |
| C-9 | Fuel pressure caution lamp | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 4921600 | | / / | * / / | |
| C-10 | Fuel flow indicating system | | | | | | |
| C-10.1 | Fuel flow indicator | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 466B2 | | / / | * / / | |
| C-10.2 | Fuel flow transmitter | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 466B1 | | / / | * / / | |
| C-11 | Fuel flow transmitter | | | | | | |

DA B.8 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| C-11.1 | Oil pressure indicator | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 29A54 | | / / | * / / | |
| C-11.2 | Oil pressure transmitter | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 29A68B0 | | / / | * / / | |
| C-11.3 | Low oil quantity sensor | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 235LG | | / / | * / / | |
| C-11.4 | Distat detector | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 29AGE10 | | / / | * / / | |
| C-11.5 | Distat sensor | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 29A6810 | | / / | * / / | |
| C-12 | Starting & ignition system | | | | | | |
| C-12.1 | Ignition exciters | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25. | 235LN00 | | / / | * / / | |
| C-12.2 | Igniter plugs | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 235LP | | / / | * / / | |
| C-12.3 | Engine/fuel master switch | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 42A61 | | / / | * / / | |
| C-13 | Throttle quadrant | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 29A62 | | / / | * / / | |
| C-14 | APC system | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 29C10 | | / / | * / / | |
| C-15 | Engine anti-icing system | | | | | | |
| C-15.1 | Anti-icing shutoff valve | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 41A10 | | / / | * / / | |
| C-15.2 | Anti-icing switch | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 41A11 | | / / | * / / | |

DA B.8 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| C-16 | Fire warning system | | | | | | |
| C-16.1 | Fire detector control units and overtemp control units | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 49112 | | / / | * / / | |
| C-16.2 | Fire detector sensing element | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 49111 | | / / | * / / | |
| C-16.3 | Left & right fire warning & overtemp light | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 49218 | | / / | * / / | |
| C-16.4 | NWW overtemp warning light | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 49218 | | / / | * / / | |
| C-16.5 | AEB fire warning and overtemp light | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 49218 | | / / | * / / | |
| C-16.6 | Fire/oil test switch | NA01-85ADC-2-8<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 49114 | | / / | * / / | |
| D | Organizational maintenance | | | | | | |
| D-1 | R&R RPM indicator | NA01-85ADC-2-8<br>(-2-23),(-2-25.1)<br>(-2-10),(4-8),<br>(-4-10) | 29A51 | | / / | * / / | |
| D-2 | R&R EGT indicator | NA01-85ADC-2-8<br>(-2-23),(-2-25.1)<br>(-2-10),(4-8),<br>(-4-10) | | | / / | * / / | |
| D-3 | R&R total temperature probe | NA01-85ADC-2-8<br>(-2-23),(-2-25.1)<br>(-2-10),(4-8),<br>(-4-10) | 29A57 | | / / | * / / | |
| D-4 | R&R low fuel caution lamp | NA01-85ADC-2-8<br>(-2-23),(-2-25.1)<br>(-2-10),(4-8),<br>(-4-10) | 2921600 | | / / | * / / | |

DA B.8 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| D-5 | R&R top deck relay box | NA01-85ADC-2-8 (-2-23),(-2-25.1) (-2-10),(4-8), (-4-10) | 42A6M00 | | / / | * / / | |
| D-6 | R&R fuel flow indicator | NA01-85ADC-2-8 (-2-23),(-2-25.1) (-2-10),(4-8), (-4-10) | 466D36H | | / / | * / / | |
| D-9 | R&R distat detector | NA01-85ADC-2-8 (-2-23),(-2-25.1) (-2-10),(4-8), (-4-10) | 296E10 | | / / | * / / | |
| D-10 | R&R oil caution lamp | NA01-85ADC-2-8 (-2-23),(-2-25.1) (-2-10),(4-8), (-4-10) | 4921600 | | / / | * / / | |
| D-11 | R&R fire/oil test switch | NA01-85ADC-2-8 (-2-23),(-2-25.1) (-2-10),(4-8), (-4-10) | 49114 | | / / | * / / | |
| D-12 | R&R oil pressure indicator | NA01-85ADC-2-8 (-2-23),(-2-25.1) (-2-10),(4-8), (-4-10) | 29A54 | | / / | * / / | |
| D-13 | R&R engine fuel master panel | NA01-85ADC-2-8 (-2-23),(-2-25.1) (-2-10),(4-8), (-4-10) | 42A61 | | / / | * / / | |
| D-14 | R&R fire warning lamps | NA01-85ADC-2-8 (-2-23),(-2-25.1) (-2-10),(4-8), (-4-10) | 49218 | | / / | * / / | |
| D-15 | R&R fire warning control units | NA01-85ADC-2-8 (-2-23),(-2-25.1) (-2-10),(4-8), (-4-10) | 49112 | | / / | * / / | |
| D-16 | R&R fire warning sensing elements | NA01-85ADC-2-8 (-2-23),(-2-25.1) (-2-10),(4-8), (-4-10) | 49111 | | / / | * / / | |

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DA B.8 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| D-17 | R&R oil pressure transmitter | NA01-85ADC-2-8 (-2-23),(-2-25.1) (-2-10),(4-8), (-4-10) | 29A68B0 | | / / | / / | |
| D-18 | R&R APC computer | NA01-85ADC-2-8 (-2-23),(-2-25.1) (-2-10),(4-8), (-4-10) | 29C10 | | / / | * / / | |
| D-19 | R&R miscellaneous control panel | NA01-85ADC-2-8 (-2-23),(-2-25.1) (-2-10),(4-8), (-4-10) | 41A11 | | / / | * / / | |

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

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A | Theory of operation | | | | | | |
| A-1 | Vent suit system | NA01-85ADC-2-5 NA01-85ADC-2-23 | | * | * / / | / / | |
| A-2 | Defog system | NA01-85ADC-2-5 NA01-85ADC-2-23 | | * | * / / | / / | |
| A-3 | Cabin pressure system | NA01-85ADC-2-5 NA01-85ADC-2-23 | | * | * / / | / / | |
| A-4 | Windshield wash system | NA01-85ADC-2-5 NA01-85ADC-2-23 | | * | * / / | / / | |
| A-5 | Rain removal system | NA01-85ADC-2-5 NA01-85ADC-2-23 | | * | * / / | / / | |
| A-6 | Cabin air conditioning system | NA01-85ADC-2-5 NA01-85ADC-2-23 | | * | * / / | * / / | |
| A-7 | Equipment cooling system | NA01-85ADC-2-5 NA01-85ADC-2-23 | | * | * / / | * / / | |
| B | Functional check | | | | | | |
| B-1 | Vent suit system | NA01-85ADC-2-5 NA01-85ADC-2-23 | | | / / | / / | |

DA B.9 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| B-2 | Defog system | NA01-85ADC-2-5<br>NA01-85ADC-2-23 | | | / / | / / | |
| B-3 | Cabin pressure system | NA01-85ADC-2-5<br>NA01-85ADC-2-23 | | | / / | * / / | |
| B-4 | Windshield wash system | NA01-85ADC-2-5<br>NA01-85ADC-2-23 | | | / / | / / | |
| B-5 | Rain removal system | NA01-85ADC-2-5<br>NA01-85ADC-2-23 | | | / / | / / | |
| B-6 | Cabin air conditioning system | NA01-85ADC-2-5<br>NA01-85ADC-2-23 | | | / / | * / / | |
| B-7 | Equipment cooling system | NA01-85ADC-2-5<br>NA01-85ADC-2-23 | | | / / | * / / | |
| C | Fault isolation | | | | | | |
| C-1 | Vent suit system | NA01-85ADC-2-5<br>(-2-23),(-2-25.1)<br>(2-10),(-4-8),<br>(-2-12) | 41000 | | / / | / / | |
| C-2 | Defog system | NA01-85ADC-2-5<br>(-2-23),(-2-25.1)<br>(2-10),(-4-8),<br>(-2-12) | 41000 | | / / | / / | |
| C-3 | Windshield wash system | NA01-85ADC-2-5<br>(-2-23),(-2-25.1)<br>(2-10),(-4-8),<br>(-2-12) | 41000 | | / / | / / | |
| C-4 | Rain removal system | NA01-85ADC-2-5<br>(-2-23),(-2-25.1)<br>(2-10),(-4-8),<br>(-2-12) | 41000 | | / / | / / | |
| C-5 | Cabin pressurization system | NA01-85ADC-2-5<br>(-2-23),(-2-25.1)<br>(2-10),(-4-8),<br>(-2-12) | 41A10 | | / / | / / | |
| C-6 | Equipment cooling system | NA01-85ADC-2-5<br>(-2-23),(-2-25.1)<br>(2-10),(-4-8),<br>(-2-12) | 41A40 | | / / | / / | |

B.10 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Electrical power & lighting 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 | External electrical power system | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42000 | * | * / / | * / / | |
| A-2 | DC power system | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42000 | * | * / / | * / / | |
| A-3 | AC power system | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42000 | * | * / / | * / / | |
| A-4 | AC/DC power distribution system | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42000 | * | * / / | * / / | |
| A-5 | Emergency electrical power system | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42000 | * | * / / | * / / | |
| A-6 | Exterior lighting systems | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 44000 | * | * / / | * / / | |
| A-7 | Interior lighting systems | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 44000 | * | * / / | * / / | |
| A-8 | Warning/caution advisory system | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 49000 | * | * / / | * / / | |

DA B.10 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| B | Functional check | | | | | | |
| B-1 | External electrical power system | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42000 | | * / / | * / / | |
| B-2 | DC power system | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42000 | | * / / | * / / | |
| B-3 | AC power system | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42000 | | * / / | * / / | |
| B-4 | AC/DC distribution system | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42000 | | * / / | * / / | |
| B-5 | Emergency electrical power system | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | | | * / / | * / / | |
| B-6 | Exterior lighting system | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 44000 | | * / / | * / / | |
| B-7 | Interior lighting system | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 44000 | | * / / | * / / | |
| B-8 | Warning/caution lights system | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 44000 | | * / / | * / / | |
| C | Fault isolation | | | | | | |
| C-1 | Generator | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | | | / / | * / / | |
| C-2 | Constant speed drive | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42A6A20 | | / / | / / | |
| C-3 | Governor adjust screw | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42A6A30 | | / / | * / / | |

DA B.10 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| C-4 | Regulator supervisory panel | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42A6500 | | / / | * / / | |
| C-5 | Master electrical control panel | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42A61 | | / / | * / / | |
| C-6 | Generator switches | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42A6B21 | | / / | * / / | |
| C-7 | Engine fuel master switches | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42A61 | | / / | * / / | |
| C-8 | Generator caution lights | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 49210 | | / / | * / / | |
| C-9 | Left & right main line contactors | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42A6800 | | / / | * / / | |
| C-10 | Current transformers | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42A6D | | / / | * / / | |
| C-11 | Electrical power systems test panel | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42A6T | | / / | * / / | |
| C-12 | Essential 26-VAC transformers | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 4246D | | / / | * / / | |
| C-13 | Right 26-VAC transformers | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42A6D | | / / | * / / | |
| C-14 | AC distribution box | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42A66 | | / / | * / / | |
| C-15 | Circuit breaker panels | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42A6F | | / / | * / / | |

DA B.10 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| C-16 | AC/DC transfer panel | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42AB6F | | / / | * / / | |
| C-17 | Top deck relay box | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42A6M00 | | / / | * / / | |
| C-18 | Top deck relay box #2 | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42A6M00 | | / / | * / / | |
| C-19 | Aft relay box | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42B6H | | / / | * / / | |
| C-20 | Fuel system relay box | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 466AD40 | | / / | * / / | |
| C-21 | Fuel boost/transfer pump relay box | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 466AD70 | | / / | * / / | |
| C-22 | Left & right transformer rectifiers | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 421460 | | / / | * / / | |
| C-23 | DC power distribution box | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42B6Q | | / / | * / / | |
| C-24 | RAM air turbine | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 49A11 | | / / | * / / | |
| C-25 | RAT voltage regulator | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 49A12 | | / / | * / / | |
| C-26 | AC/DC emergency transfer relays | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 49A2UAC | | / / | * / / | |
| C-27 | Emergency transformer rectifier | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42A18 | | / / | * / / | |

DA B.10 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| C-28 | External power monitor | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42AB6K | | / / | * / / | |
| C-29 | External power panel | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42A6T | | / / | * / / | |
| C-30 | External power contractor | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42A6800 | | / / | * / / | |
| C-31 | Master lights control panel | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42A6800 | | / / | * / / | |
| C-32 | External lights master system | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 44110 | | / / | * / / | |
| C-33 | Position lights | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 44115 | | / / | * / / | |
| C-34 | External lights relay | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 44110 | | / / | * / / | |
| C-35 | Anti-collision lights | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 44112 | | / / | * / / | |
| C-36 | Anti-collision lights | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 44112 | | / / | * / / | |
| C-37 | Anti-collision light relay | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 44112 | | / / | * / / | |
| C-38 | Anti-collision light control relay | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 44112 | | / / | * / / | |
| C-39 | Nose landing gear down & lock switches | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 13232 | | / / | * / / | |

DA B.10 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| C-40 | Left & right main landing gear down & lock switches | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 13132 | | / / | * / / | |
| C-41 | Formation lights | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 44116 | | / / | * / / | |
| C-42 | Taxi light | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 44111 | | / / | * / / | |
| C-43 | Probe light | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 4411C | | / / | / / | |
| C-44 | Taxi/probe light relay | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 44111 | | / / | * / / | |
| C-45 | Pylon lights | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 4411A | | / / | * / / | |
| C-46 | Pylon lights relay | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 42B6J100 | | / / | * / / | |
| C-47 | External power receptacle panel lights | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 4411B | | / / | * / / | |
| C-48 | Ground refueling station panel lights | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 466AD30 | | / / | * / / | |
| C-49 | Approach lights | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 44114 | | / / | * / / | |
| C-50 | Fwd cockpit primary lights | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 44220 | | / / | * / / | |
| C-51 | Pilot's instruments lights | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 44223 | | / / | * / / | |

DA B.10 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| C-52 | ECMO instrument lights | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 4421B | | / / | * / / | |
| C-53 | Warning/control/advisory lights | NA01-85ADC-2-12 (-2-23),(-2-25.1) (-2-1) | 4921600 | | / / | * / / | |
| D | Organizational maintenance | | | | | | |
| D-1 | R&R DC transfer receiver | NA01-85ADC-2-12 NA01-85ADC-4-12 | 4286D | | / / | * / / | |
| D-2 | R&R DC transfer & hold relay #1 | NA01-85ADC-2-12 NA01-85ADC-4-12 | 4286F | | / / | * / / | |
| D-3 | R&R DC transfer & hold relay #2 | NA01-85ADC-2-12 NA01-85ADC-4-12 | 4286F | | / / | * / / | |
| D-4 | R&R ram air turbine | NA01-85ADC-2-12 NA01-85ADC-4-12 | 49A11 | | / / | * / / | |
| D-5 | R&R voltage regulator | NA01-85ADC-2-12 NA01-85ADC-4-12 | 49A12 | | / / | * / / | |
| D-6 | R&R frequency sensing relay | NA01-85ADC-2-12 | 49A19 | | / / | * / / | |
| D-7 | R&R emergency transformer rectifier | NA01-85ADC-2-12 | 49A18 | | / / | * / / | |
| D-8 | R&R AC emergency power transfer relay | NA01-85ADC-2-12 | 49A2U | | / / | * / / | |
| D-9 | R&R AC turbine seal out relay | NA01-85ADC-2-12 | 42B6G | | / / | * / / | |
| D-10 | R&R DC emergency power transfer relay | NA01-85ADC-2-12 | 49A2W | | / / | * / / | |
| D-11 | R&R DC turbine seal out relay | NA01-85ADC-2-12 | 42B6G | | / / | * / / | |
| D-12 | R&R external power monitor | NA01-85ADC-2-12 | 42B6K | | / / | * / / | |
| D-13 | R&R external power contactor | NA01-85ADC-2-12 | 42A6800 | | / / | * / / | |
| D-14 | R&R external power receptacle | NA01-85ADC-2-12 | 42A6T | | / / | * / / | |
| D-15 | R&R elapsed time indicator | NA01-85ADC-2-12 | | | / / | * / / | |
| D-16 | R&R 26-VAC transformer | NA01-85ADC-2-12 | 42A6D | | / / | * / / | |
| D-17 | R&R AC/DC power control box | NA01-85ADC-2-12 | 42B6G | | / / | * / / | |
| D-18 | R&R top deck relay box | NA01-85ADC-2-12 | 42AM00 | | / / | * / / | |
| D-19 | R&R aft relay box | NA01-85ADC-2-12 | 42B6H | | / / | * / / | |
| D-20 | R&R AC distribution box | NA01-85ADC-2-12 | 42A66 | | / / | * / / | |
| D-21 | R&R circuit breaker panels | NA01-85ADC-2-12 | 42A6F | | / / | * / / | |
| D-22 | R&R fuel system relay box | NA01-85ADC-2-12 | 466AD70 | | / / | * / / | |
| D-23 | R&R external light master switch | NA01-85ADC-2-12 | 44125 | | / / | * / / | |
| D-24 | R&R master light control panel | NA01-85ADC-2-12 | 44121 | | / / | * / / | |
| D-25 | R&R position lights | NA01-85ADC-2-12 | 44115 | | / / | * / / | |
| D-26 | R&R external light relay | NA01-85ADC-2-12 | 42A6R | | / / | * / / | |

DA B.10 Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| D-27 | R&R auto transformer | NA01-85ADC-2-12 | 44225 | | / / | * / / | |
| D-28 | R&R anti-collision light | NA01-85ADC-2-12 | 4412 | | / / | * / / | |
| D-29 | R&R anti-collision light relay | NA01-85ADC-2-12 | 42A6M20 | | / / | * / / | |
| D-30 | R&R formation lights | NA01-85ADC-2-12 | 44116 | | / / | * / / | |
| D-31 | R&R taxi light | NA01-85ADC-2-12 | 44111 | | / / | * / / | |
| D-32 | R&R probe light | NA01-85ADC-2-12 | 4411C | | / / | * / / | |
| D-33 | R&R taxi/probe light relay | NA01-85ADC-2-12 | 42A63 | | / / | * / / | |
| D-34 | R&R pylon light | NA01-85ADC-2-12 | 4411A | | / / | * / / | |
| D-35 | R&R pylon light relay | NA01-85ADC-2-12 | 44121 | | / / | * / / | |
| D-36 | R&R external power recepticle panel lights | NA01-85ADC-2-12 | 4411B | | / / | * / / | |
| D-37 | R&R ground fueling station panel lights | NA01-85ADC-2-12 | 466AD30 | | / / | * / / | |
| D-38 | R&R electrical ground test panel light | NA01-85ADC-2-12 | 42A6U | | / / | * / / | |
| D-39 | R&R approach lights | NA01-85ADC-2-12 | 56866 | | / / | * / / | |
| D-40 | R&R master light control panel | NA01-85ADC-2-12 | 44121 | | / / | * / / | |
| D-41 | R&R pilot's instrument light saturable reactor | NA01-85ADC-2-12 | 44223 | | / / | * / / | |
| D-42 | R&R pilot's console light saturable reactor | NA01-85ADC-2-12 | 44223 | | / / | * / / | |
| D-43 | R&R ECMO #1 interior light control panel | NA01-85ADC-2-12 | 44221 | | / / | * / / | |
| D-44 | R&R ECMO panel light saturable reactor | NA01-85ADC-2-12 | 44223 | | / / | * / / | |
| D-45 | R&R ECMO console light saturable reactor | NA01-85ADC-2-12 | 44223 | | / / | * / / | |
| D-46 | R&R left & right wing tip formation lights | NA01-85ADC-2-12 | 44116 | | / / | * / / | |
| D-47 | R&R left & right fuselage formation lights assembly lamp | NA01-85ADC-2-12 | 44118 | | / / | * / / | |
| D-48 | R&R fwd/aft canopy day flood light switch | NA01-85ADC-2-12 | 44216 | | / / | * / / | |
| D-49 | R&R fwd/aft canopy day flood light | NA01-85ADC-2-12 | 44216 | | / / | * / / | |
| D-50 | R&R pilot's & ECMO's console day flood lights | NA01-85ADC-2-12 | 44216 | | / / | * / / | |
| D-51 | R&R instrument panel/side console flood lights | NA01-85ADC-2-12 | 44216 | | / / | * / / | |
| D-52 | R&R fwd/aft cockpit utility light | NA01-85ADC-2-12 | 44218 | | / / | * / / | |
| D-53 | R&R ECMO chart light | NA01-85ADC-2-12 | 44213 | | / / | * / / | |
| D-54 | R&R saturable reactor control box panel | NA01-85ADC-2-12 | 42B6D | | / / | * / / | |

B.11 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Hydraulic systems** 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 | Hydraulic system | NA01-85ADC-2-7 | | * | * / / | * / / | |
| B | Functional check | | | | | | |
| B-1 | Hydraulic pressure indicator | NA01-85ADC-2-7 | | | * / / | / / | |
| B-2 | Hydraulic pressure transmitters | NA01-85ADC-2-7 | | | * / / | * / / | |
| B-3 | Auxiliary hydraulic pump | NA01-85ADC-2-7 | | | * / / | / / | |
| C | Fault isolation | | | | | | |
| C-1 | Hydraulic pressure indicator | NA01-85ADC-2-7 | 45271 | | / / | * / / | |
| C-2 | Hydraulic pressure transmitter | NA01-85ADC-2-7 | 45272 | | / / | * / / | |
| C-3 | Auxiliary hydraulic pump | NA01-85ADC-2-7 | 45263 | | / / | / / | |
| D | Organizational maintenance | | | | | | |
| D-1 | R&R hydraulic pressure indicator | NA01-85ADC-2-7<br>NA01-85ADC-4-7 | 45271 | | / / | * / / | |
| D-2 | R&R hydraulic pressure transmitter | NA01-85ADC-2-7<br>NA01-85ADC-4-7 | | | / / | * / / | |

B.12 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Fuel system** using appropriate maintenance procedures and support/test equipment

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A | Theory of operation | | | | | | |
| A-1 | Ground fueling system | NA01-85ADC-2-9<br>NA01-85ADC-2-23 | | * | * / / | * / / | |
| A-2 | Ground refueling/defueling system | NA01-85ADC-2-9<br>NA01-85ADC-2-2 | | * | * / / | * / / | |
| A-3 | In-flight refueling system | NA01-85ADC-2-9<br>NA01-85ADC-2-23 | | * | * / / | * / / | |
| A-4 | Fuel transfer & pressurization system | NA01-85ADC-2-9<br>NA01-85ADC-2-23 | | * | * / / | * / / | |
| A-5 | Engine fuel feed system | NA01-85ADC-2-9<br>NA01-85ADC-2-23 | | * | * / / | * / / | |
| A-6 | Fuel dumping system | NA01-85ADC-2-9<br>NA01-85ADC-2-23 | | * | * / / | * / / | |
| A-7 | Fuel quantity system | NA01-85ADC-2-9<br>NA01-85ADC-2-23 | | * | * / / | * / / | |

DA B.12 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| B | Functional check | | | | | | |
| B-1 | Ground fueling system | NA01-85ADC-2-9<br>NA01-85ADC-2-2 | | | * / / | / / | |
| B-2 | Ground defueling system | NA01-85ADC-2-9<br>NA01-85ADC-2-23 | | | * / / | / / | |
| B-3 | In-flight fueling system | NA01-85ADC-2-9<br>NA01-85ADC-2-23 | | | / / | / / | |
| B-4 | Fuel transfer & pressure system | NA01-85ADC-2-9<br>NA01-85ADC-2-23 | | | * / / | * / / | |
| B-5 | Engine fuel feed system | NA01-85ADC-2-9<br>NA01-85ADC-2-23 | | | * / / | * / / | |
| B-6 | Fuel dumping system | NA01-85ADC-2-9<br>NA01-85ADC-2-23 | | | * / / | / / | |
| B-7 | Fuel quantity system | NA01-85ADC-2-9<br>NA01-85ADC-2-23 | | | * / / | * / / | |
| C | Fault isolation | | | | | | |
| C-1 | Ground fueling system | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 46000 | | / / | * / / | |
| C-2 | Ground defueling system | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 466AD00 | | / / | / / | |
| C-3 | In-flight refueling system | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 46000 | | / / | / / | |
| C-4 | Fuel transfer & pressure system | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 466AC20 | | / / | * / / | |
| C-5 | Engine fuel feed system | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 466D14A | | / / | * / / | |
| C-6 | Fuel dumping system | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 44D1A3 | | / / | / / | |
| C-7 | Fuel quantity systems | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 466A150 | | / / | * / / | |

DA B.12 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| C-8 | Fuel management panel | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 466A150 | | / / | * / / | |
| C-9 | Fuel quantity indicator | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 466A150 | | / / | * / / | |
| C-10 | Liquid level sensor | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 466AE00 | | / / | * / / | |
| C-11 | Liquid level control unit | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 466AE10 | | / / | * / / | |
| C-12 | Low fuel caution light | NA01-85ADC-2-9<br>NA01-85ADC-2-25.1<br>NA01-85ADC-2-23 | 4921600 | | / / | * / / | |
| D | Organizational maintenance | | | | | | |
| D-1 | R&R external power panel | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2.25.1<br>NA01-85ADC-4-9 | 42A6T | | / / | * / / | |
| D-2 | R&R ground fueling station panel | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2.25.1<br>NA01-85ADC-4-9 | 466AD30 | | / / | * / / | |
| D-3 | R&R fuel management panel | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2.25.1<br>NA01-85ADC-4-9 | 466AD50 | | / / | * / / | |
| D-4 | R&R engine & fuel master panel | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2.25.1<br>NA01-85ADC-4-9 | 42A60 | | / / | * / / | |
| D-5 | R&R fuel system relays | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2.25.1<br>NA01-85ADC-4-9 | 466AD40 | | / / | * / / | |

DA B.12 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| D-6 | R&R wing tank probes | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2.25.1<br>NA01-85ADC-4-9 | 466A240 | | / / | * / / | |
| D-7 | R&R fuselages tank probes | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2.25.1<br>NA01-85ADC-4-9 | 466A310 | | / / | * / / | |
| D-8 | R&R fuel quantity indicator | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2.25.1<br>NA01-85ADC-4-9 | 466A150 | | / / | * / / | |
| D-9 | R&R LOX/fuel/oil quantity test switch | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2.25.1<br>NA01-85ADC-4-9 | 4921C | | / / | * / / | |
| D-10 | R&R liquid level sensor | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2.25.1<br>NA01-85ADC-4-9 | 466D36G | | / / | * / / | |
| D-11 | R&R liquid level control unit | NA01-85ADC-2-9<br>NA01-85ADC-2-23<br>NA01-85ADC-2.25.1<br>NA01-85ADC-4-9 | 466AE10 | | / / | * / / | |

B.13 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Instruments systems** using appropriate maintenance procedures and support/test equipment

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A | Theory of operation | | | | | | |
| A-1 | Angle of attack system | NA01-85ADC-2-10<br>NA01-85ADC-2-23 | | | * / / | * / / | |
| A-2 | Pitot-static system | NA01-85ADC-2-10<br>NA01-85ADC-2-23 | | | * / / | * / / | |
| A-3 | Flight instruments systems | NA01-85ADC-2-10<br>NA01-85ADC-2-23 | | | * / / | * / / | |
| A-4 | Miscellaneous instruments systems | NA01-85ADC-2-10<br>NA01-85ADC-2-23 | | | * / / | * / / | |

DA B.13 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| B | Functional check | | | | | | |
| B-1 | Angle of attack system | NA01-85ADC-2-10<br>NA01-85ADC-2-23 | | | * / / | * / / | |
| B-2 | Pitot-static system | NA01-85ADC-2-10<br>NA01-85ADC-2-23 | | | * / / | * / / | |
| B-3 | Flight instruments | NA01-85ADC-2-10<br>NA01-85ADC-2-23 | | | * / / | * / / | |
| B-4 | Miscellaneous instrument systems | NA01-85ADC-2-10<br>NA01-85ADC-2-23 | | | / / | * / / | |
| C | Fault isolation | | | | | | |
| C-1 | Pitot-static leaks | NA01-85ADC-2-10<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 42858 | | / / | * / / | |
| C-2 | Pitot-static probes | NA01-85ADC-2-10<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 42858 | | / / | * / / | |
| C-3 | Probes heater system | NA01-85ADC-2-10<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 41A11 | | / / | * / / | |
| C-4 | Rate of climb | NA01-85ADC-2-10<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 51R1A | | / / | * / / | |
| C-5 | Mach/command airspeed indicator | NA01-85ADC-2-10<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 51R15 | | / / | * / / | |
| C-6 | Altimeter, AAU-19A/A | NA01-85ADC-2-10<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 51X11 | | / / | * / / | |
| C-7 | Standard Central Air Data Computer Test Set (SCADC) | NA01-85ADC-2-10<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 56XW00 | | / / | * / / | |
| C-8 | Turn & sip indicator | NA01-85ADC-2-10<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 51RIC | | / / | * / / | |
| C-9 | 8-day clock | NA01-85ADC-2-10<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 51R12 | | / / | * / / | |

DA B.13 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| C-10 | Angle of attack probe | NA01-85ADC-2-10<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 56860 | | / / | * / / | |
| C-11 | Angle of attack indicator | NA01-85ADC-2-10<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 56000 | | / / | * / / | |
| C-12 | Angle of attack indexers | NA01-85ADC-2-10<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 56000 | | / / | * / / | |
| C-13 | Stall warning | NA01-85ADC-2-10<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 56000 | | / / | * / / | |
| D | Organizational maintenance | | | | | | |
| D-1 | R&R angle of attack indicator | NA01-85ADC-2-10 | 56861 | | / / | * / / | |
| D-2 | R&R angle of attack transmitter | NA01-85ADC-2-10 | 568T00 | | / / | * / / | |
| D-3 | R&R AOA approach indexer assembly | NA01-85ADC-2-10 | 56866 | | / / | * / / | |
| D-4 | R&R AOA approach light assembly | NA01-85ADC-2-10 | 56864 | | / / | * / / | |
| D-5 | R&R AOA approach light bulbs | NA01-85ADC-2-10 | 56864 | | / / | * / / | |
| D-6 | R&R AOA approach light flasher | NA01-85ADC-2-10 | 5686Z | | / / | * / / | |
| D-7 | R&R stall warning switch | NA01-85ADC-2-10 | 56860 | | / / | * / / | |
| D-8 | R&R stall warning horn | NA01-85ADC-2-10 | 56860 | | / / | * / / | |
| D-9 | R&R pitot heat switch | NA01-85ADC-2-10 | 51A62 | | / / | * / / | |
| D-10 | R&R pitot-static tubes | NA01-85ADC-2-10 | 51A62 | | / / | * / / | |
| D-11 | R&R pitot-static switch | NA01-85ADC-2-10 | 51A62 | | / / | * / / | |
| D-12 | R&R rate-of-climb indicator | NA01-85ADC-2-10 | 51R1A | | / / | * / / | |
| D-13 | R&R altimeter, AAU-19A/A | NA01-85ADC-2-10 | 51X11 | | / / | * / / | |
| D-14 | Adjusts altimeter | NA01-85ADC-2-10 | 51X11 | | / / | * / / | |
| D-15 | R&R mach/command airspeed indicator | NA01-85ADC-2-10 | 51R15 | | / / | * / / | |
| D-16 | R&R SCADC | NA01-85ADC-2-10 | 56XW00 | | / / | * / / | |
| D-17 | R&R pilot's accelerometer indicator | NA01-85ADC-2-10 | 51R14 | | / / | * / / | |
| D-18 | R&R recording accelerometer transducer | NA01-85ADC-2-10 | 51R2C00 | | / / | * / / | |
| D-19 | R&R recording accelerometer indicator | NA01-85ADC-2-10 | 51AB10 | | / / | * / / | |
| D-20 | R&R turn & slip indicator | NA01-85ADC-2-10 | 51RIC | | / / | * / / | |
| D-21 | R&R altitude direction indicator | NA01-85ADC-2-10 | 56XIT | | / / | * / / | |
| D-22 | R&R altitude reference indicator | NA01-85ADC-2-10 | 56853 | | / / | * / / | |
| D-23 | R&R outside air temperature indicator | NA01-85ADC-2-10 | | | / / | * / / | |
| D-24 | R&R outside air temperature bulb | NA01-85ADC-2-10 | 51R1S | | / / | * / / | |
| D-25 | R&R cabin pressure altitude indicator | NA01-85ADC-2-10 | 51R1T | | / / | * / / | |

DA B.13 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| D-26 | R&R eight-day clocks | NA01-85ADC-2-10 | 51R12 | | / / | * / / | |
| D-27 | R&R standby magnetic compass | NA01-85ADC-2-10 | 51X1V | | / / | * / / | |
| D-28 | R&R pilot's upper instrument panel | NA01-85ADC-2-10 | 1221L | | / / | * / / | |
| D-29 | R&R lower left instrument panel | NA01-85ADC-2-10 | 1221M | | / / | * / / | |
| D-30 | R&R lower right instrument panel | NA01-85ADC-2-10 | 1221K | | / / | * / / | |

B.14 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Standard Central Air Data Computer System (SCADC)** using appropriate maintenance procedures and support/test equipment

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A | Theory of operation | | | | | | |
| A-1 | Standard central air data computer system | NA01-85ADC-2-15 | | | / / | * / / | |
| B | Functional check | | | | | | |
| B-1 | Standard central air data computer system | NA01-85ADC-2-15 | | | * / / | * / / | |
| B-2 | Performs SCADC ADTS405-8325 system check | NA01-85ADC-2-15 | | | * / / | * / / | |
| B-3 | SCADC auto-pilot inputs | NA01-85ADC-2-15 | | | / / | * / / | |
| C | Fault isolation | | | | | | |
| C-1 | SCADC self-test | NA01-85ADC-2-15 | 56X1M00 | | / / | * / / | |
| C-2 | Altitude inputs | NA01-85ADC-2-15 | 56X1M00 | | / / | * / / | |
| C-3 | Airspeed inputs | NA01-85ADC-2-15 | 56X1M00 | | / / | * / / | |
| C-4 | AFCS system check | NA01-85ADC-2-15 | 56X1M00 | | / / | * / / | |
| D | Organizational maintenance | | | | | | |
| D-1 | R&R SCADC | NA01-85ADC-2-15 | 56X1M00 | | / / | * / / | |
| D-2 | R&R SCADC rack | NA01-85ADC-2-15 | 56X1M00 | | / / | * / / | |

B.15 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Automatic Flight Control System (AFCS)** using appropriate maintenance procedures and support/test equipment

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A | Theory of operation | | | | | | |
| A-1 | Automatic flight control system, (AFCS) | NA01-85ADC-2-14<br>NA01-85ADC-2-23 | | * | * / / | * / / | |
| A-2 | Automatic carrier landing system, (ACLS) | NA01-85ADC-2-14<br>NA01-85ADC-2-23 | | * | * / / | * / / | |

DA B.15 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| B | Functional check | | | | | | |
| B-1 | AFCS | NA01-85ADC-2-14<br>NA01-85ADC-2-23 | | | * / / | * / / | |
| B-2 | ACLS | NA01-85ADC-2-14<br>NA01-85ADC-2-23 | | | * / / | * / / | |
| C | Fault isolation | | | | | | |
| C-1 | Auto pilot engaging controller | NA01-85ADC-2-14<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 573L2 | | / / | * / / | |
| C-2 | Aircraft control stick | NA01-85ADC-2-14<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 573M2 | | / / | * / / | |
| C-3 | Air navigation computer (ANC) | NA01-85ADC-2-14<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 573400 | | / / | * / / | |
| C-4 | SCADC | NA01-85ADC-2-14<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 56XW00 | | / / | * / / | |
| C-5 | AFCS associated components | NA01-85ADC-2-14<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | | | / / | * / / | |
| D | Organizational maintenance | | | | | | |
| D-1 | R&R air navigational computer | NA01-85ADC-2-14<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 573400 | | / / | * / / | |
| D-2 | R&R 3-axis rate gyro | NA01-85ADC-2-14<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 56852 | | / / | * / / | |
| D-3 | R&R normal accelerometer transducer | NA01-85ADC-2-14<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 57X12 | | / / | * / / | |
| D-4 | R&R lateral accelerometer transducer | NA01-85ADC-2-14<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 57X12 | | / / | * / / | |
| D-5 | R&R auto pilot engaging controller | NA01-85ADC-2-14<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 5733L2 | | / / | * / / | |

DA B.15 (Continued)

| TASK # | TASK DESCRIPTION | REFERENCE | WUC | LEVEL I | LEVEL II | LEVEL III | LEVEL IV |
|---|---|---|---|---|---|---|---|
| D-6 | R&R aircraft control stick | NA01-85ADC-2-14<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 573M2 | | / / | * / / | |
| D-7 | R&R position transducer | NA01-85ADC-2-14<br>NA01-85ADC-2-23<br>NA01-85ADC-2-25.1 | 57X14 | | / / | * / / | |

APPENDIX A

INDIVIDUAL EXPERIENCE DATA SHEET

INDIVIDUAL DATA

NAME:_____

SSN:_____

FORMAL SCHOOLS

| SCHOOLS NAME | DATE COMPLETED |
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UNIT EXPERIENCE DATA

| UNIT | SHOP | BILLET | FROM/TO DATES |
|---|---|---|---|
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COMMENTS:

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APPENDIX C

WORK CENTER SUMMARY
AIRCRAFT ELECTRICAL SYSTEMS TECHNICIAN (MOS 6333)

WORK CENTER NAME/NUMBER: _____

| NAME/MOS | LEVEL | A.1 | A.2 | A.3 | B.1 | B.2 | B.3 | B.4 | B.5 | B.6 | B.7 | B.8 | B.9 | B.10 | B.11 | B.12 | B.13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | II | | | | | XXXX | XXXX | XXXX | | | | | | | | | |
| | III | | | | | | | | | | | | | | | | |
| | IV | | | | | | | | | | | | | | | | |
| | II | | | | | XXXX | XXXX | XXXX | | | | | | | | | |
| | III | | | | | | | | | | | | | | | | |
| | IV | | | | | | | | | | | | | | | | |
| | II | | | | | XXXX | XXXX | XXXX | | | | | | | | | |
| | III | | | | | | | | | | | | | | | | |
| | IV | | | | | | | | | | | | | | | | |
| | II | | | | | XXXX | XXXX | XXXX | | | | | | | | | |
| | III | | | | | | | | | | | | | | | | |
| | IV | | | | | | | | | | | | | | | | |
| | II | | | | | XXXX | XXXX | XXXX | | | | | | | | | |
| | III | | | | | | | | | | | | | | | | |
| | IV | | | | | | | | | | | | | | | | |
| | II | | | | | XXXX | XXXX | XXXX | | | | | | | | | |
| | III | | | | | | | | | | | | | | | | |
| | IV | | | | | | | | | | | | | | | | |
| | II | | | | | XXXX | XXXX | XXXX | | | | | | | | | |
| | III | | | | | | | | | | | | | | | | |
| | IV | | | | | | | | | | | | | | | | |
| | II | | | | | XXXX | XXXX | XXXX | | | | | | | | | |
| | III | | | | | | | | | | | | | | | | |
| | IV | | | | | | | | | | | | | | | | |
| | II | | | | | XXXX | XXXX | XXXX | | | | | | | | | |
| | III | | | | | | | | | | | | | | | | |
| | IV | | | | | | | | | | | | | | | | |
| | II | | | | | XXXX | XXXX | XXXX | | | | | | | | | |
| | III | | | | | | | | | | | | | | | | |
| | IV | | | | | | | | | | | | | | | | |
| | II | | | | | XXXX | XXXX | XXXX | | | | | | | | | |
| | III | | | | | | | | | | | | | | | | |
| | IV | | | | | | | | | | | | | | | | |

DATE: September 2002

APPENDIX C

WORK CENTER SUMMARY
AIRCRAFT ELECTRICAL SYSTEMS TECHNICIAN (MOS 6333)

WORK CENTER NAME/NUMBER: _____

| NAME/MOS | LEVEL | B.14 | B.15 |
|---|---|---|---|
| | II | | |
| | III | | |
| | IV | | |
| | II | | |
| | III | | |
| | IV | | |
| | II | | |
| | III | | |
| | IV | | |
| | II | | |
| | III | | |
| | IV | | |
| | II | | |
| | III | | |
| | IV | | |
| | II | | |
| | III | | |
| | IV | | |
| | II | | |
| | III | | |
| | IV | | |
| | II | | |
| | III | | |
| | IV | | |
| | II | | |
| | III | | |
| | IV | | |
| | II | | |
| | III | | |
| | IV | | |
| | II | | |
| | III | | |
| | IV | | |

DATE: September 2002

APPENDIX D

SUPPORT EQUIPMENT LICENSING RECORD

| SUPPORT EQUIPMENT NOMENCLATURE | REFERENCE | PHASE I | PHASE II | LICENSED | EXPIRATION |
|---|---|---|---|---|---|
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NAME/SSN:_____ RANK: _____ MOS:_____ DATE: September 2002