

CHAPTER 4



AVIATION ELECTRICIAN'S MATE (AE)

NAVPERS 18068F-4G
Change 102

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NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

AVIATION ELECTRICIAN'S MATE (AE)



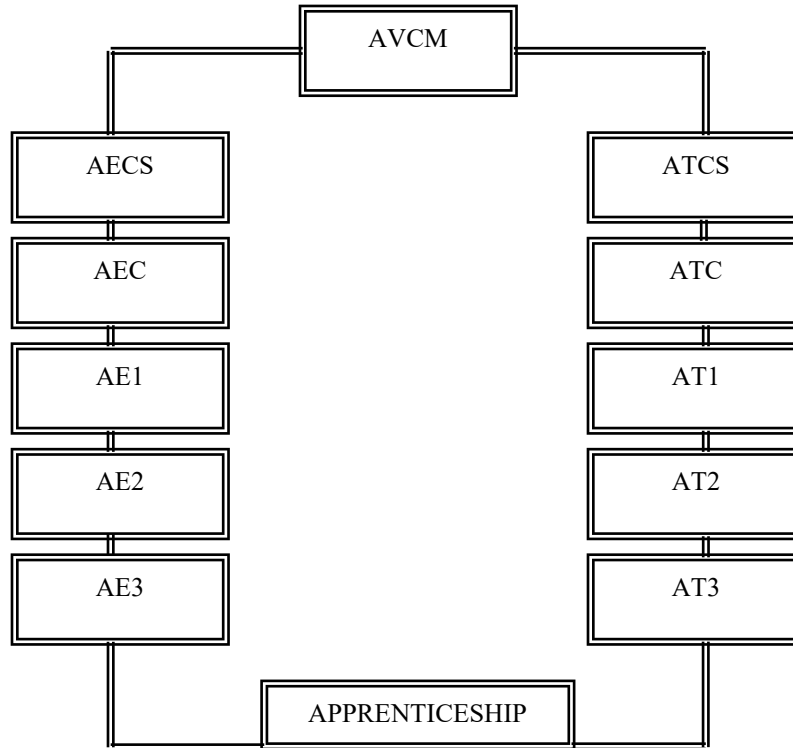
SCOPE OF RATING

Aviation Electrician's Mates (AE) maintain electrical and instrument systems, including power generation, conversion and distribution systems, aircraft batteries, and interior and exterior lighting; and maintain electrical control of aircraft systems, including hydraulic, landing gear, flight control, utility, and power plant engine, flight and non-instrument-type indicating and warning systems, automatic flight control and stabilization systems, aircraft compass systems, attitude reference systems, inertial navigation systems, and environmental control systems.

This Occupational Standard is to be incorporated in Volume I, Part B, of the Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards (NAVPERS 18068F) as Chapter 4.

GENERAL INFORMATION

CAREER PATTERN



Normal path of advancement to Chief Warrant Officer and Limited Duty Officer categories can be found in OPNAVINST 1420.1.

For rating entry requirements, refer to MILPERSMAN 1306-618.

SAFETY

The observance of Operational Risk Management (ORM) and proper safety precautions in all areas is an integral part of each billet and the responsibility of every Sailor; therefore, it is a universal requirement for all ratings.

Job Title**Aviation Electricians Mate Intermediate Level Technician****Job Code****001472****Job Family**

Installation, Maintenance, and Repair

NOC

TBD

Short Title (30 Characters)

AVIA I-LEVEL ELECTRICIAN

Short Title (14 Characters)

AVELX TEC I-LV

Pay Plan

Enlisted

Career Field

AE

Other Relationships and Rules

NEC EXXX, IXXX, 7XXX series and other NECs as assigned

Job Description

Aviation Electrician's Mate Intermediate Level Technicians communicate with Production Control and Quality Assurance work centers and operate according to the Naval Aviation Maintenance Program (NAMP); maintain and inspect a wide array of equipment including: electrical and electronic components, batteries, inertial navigation units, test sets and electronic module test consoles, aircraft instruments, generators and generator power distribution equipment, and night vision goggles; and conduct system troubleshooting procedures using critical thinking skills and deductive reasoning to interpret schematics for electrical and electronic circuits.

DoD Relationship**Group Title**

Aircraft Accessories

DoD Code

160200

O*NET Relationship**Occupation Title**

Avionics Technicians

SOC Code

49-2091.00

Job Family

Installation, Maintenance, and Repair

Skills*Equipment Maintenance**Systems Evaluation**Quality Control Analysis**Monitoring**Management of Material Resources**Reading Comprehension**Installation**Judgment and Decision Making**Management of Personnel Resources**Systems Analysis***Abilities***Written Comprehension**Manual Dexterity**Deductive Reasoning**Finger Dexterity**Information Ordering**Problem Sensitivity**Flexibility of Closure**Inductive Reasoning**Trunk Strength**Visual Color Discrimination***AIRCRAFT ELECTRICAL SYSTEMS AND COMPONENTS****Paygrade**

E4

Task Type

CORE

Task Statements

Perform corrective maintenance on aircraft electrical and electronic emergency systems and components

E4

CORE

Perform corrective maintenance on blade fold/wing fold systems and components

E4

NON-CORE

Perform corrective maintenance on circuit cards

E4

CORE

Perform corrective maintenance on Environmental Control Systems (ECS) and components (e.g., control panels, switches, control boxes, etc.)

E4

CORE

Perform corrective maintenance on lighting systems and components

E4

CORE

Perform corrective maintenance on master caution, warning, and advisory systems and components

E4

CORE

Perform corrective maintenance on miscellaneous electrical and electronic systems and components (e.g., aircraft clock, night vision, etc.)

E4

CORE

Perform handling of Electrostatic Discharge Sensitive (ESDS) components

E4

CORE

Perform preventive maintenance on aircraft electrical and electronic emergency systems and components

E4

CORE

Perform preventive maintenance on blade fold/wing fold systems and components

E4

NON-CORE

Perform preventive maintenance on circuit cards

E4

CORE

Perform preventive maintenance on Environmental Control Systems (ECS) and components (e.g., control panels, switches, control boxes, etc.)

E4

CORE

Perform preventive maintenance on lighting systems and components

AIRCRAFT ELECTRICAL SYSTEMS AND COMPONENTS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform preventive maintenance on master caution, warning and advisory systems and components
E4	CORE	Perform preventive maintenance on miscellaneous electrical and electronic systems and components (e.g., aircraft clock, night vision, etc.)

AIRCRAFT INSTRUMENTS AND NAVIGATION SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform corrective maintenance on aircraft compass systems and components
E4	CORE	Perform corrective maintenance on aircraft navigation electrical and electronic systems and components
E4	CORE	Perform corrective maintenance on fire warning indicating systems and components
E4	CORE	Perform corrective maintenance on liquid quantity systems and indicators (e.g., fuel, hydraulics, liquid oxygen, etc.)
E4	CORE	Perform corrective maintenance on pitot static systems and components
E4	CORE	Perform preventive maintenance on aircraft compass systems and components
E4	CORE	Perform preventive maintenance on aircraft navigation electrical and electronic systems and components
E4	CORE	Perform preventive maintenance on fire warning indicating systems and components
E4	CORE	Perform preventive maintenance on liquid quantity systems and indicators (e.g., fuel, hydraulics, liquid oxygen, etc.)
E4	CORE	Perform preventive maintenance on pitot static systems and components

AIRCRAFT POWER PLANT ELECTRICAL SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform corrective maintenance on aircraft power plant electrical and electronic systems and components
E4	CORE	Perform corrective maintenance on electrical fuel distribution, transfer, and dump systems
E4	CORE	Perform corrective maintenance on engine temperature monitoring systems and components
E4	CORE	Perform corrective maintenance on fuel system electrical components
E4	NON-CORE	Perform corrective maintenance on propeller electrical and electronic systems and components
E4	CORE	Perform preventive maintenance on aircraft power plant electrical and electronic systems and components
E4	CORE	Perform preventive maintenance on electrical fuel distribution, transfer, and dump systems
E4	CORE	Perform preventive maintenance on engine temperature monitoring systems and components
E4	CORE	Perform preventive maintenance on fuel system electrical components
E4	NON-CORE	Perform preventive maintenance on propeller electrical and electronic systems and components

AIRFRAME ELECTRICAL SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform corrective maintenance on airframe electrical and electronic systems and components
E4	CORE	Perform corrective maintenance on airframe subsystems electrical and electronic systems and components
E4	CORE	Perform corrective maintenance on landing gear electrical and electronic systems and components
E4	CORE	Perform preventive maintenance on airframe electrical and electronic systems and components
E4	CORE	Perform preventive maintenance on airframe subsystems electrical and electronic systems and components
E4	CORE	Perform preventive maintenance on landing gear electrical and electronic systems and components

AUTOMATIC FLIGHT CONTROL SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform corrective maintenance on Automatic Flight Control Systems (AFCS) and components
E4	NON-CORE	Perform corrective maintenance on Automatic Throttle Control (ATC) systems and components
E4	CORE	Perform corrective maintenance on flight surface indicating systems and components
E4	CORE	Perform preventive maintenance on Automatic Flight Control Systems (AFCS) and components
E4	NON-CORE	Perform preventive maintenance on Automatic Throttle Control systems (ATC) and components
E4	CORE	Perform preventive maintenance on flight surface indicating systems and components

CORROSION CONTROL

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform corrosion prevention on aircraft electrical and electronic systems and components
E4	CORE	Perform corrosion prevention on aircraft systems and components
E4	CORE	Perform corrosion prevention on support equipment (SE) and Individual Material Readiness List (IMRL) assets and related equipment
E4	CORE	Perform corrosion treatment on aircraft electrical and electronic systems and components
E4	CORE	Perform corrosion treatment on aircraft systems and components
E4	CORE	Perform corrosion treatment on support equipment (SE) and Individual Material Readiness List (IMRL) assets and related equipment

ELECTRICAL WIRING MAINTENANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Assemble aircraft wiring devices (e.g., cannon plugs, ground points, splice points, etc.)
E4	CORE	Assemble aircraft wiring harness system components
E4	CORE	Build aircraft wiring harnesses
E4	CORE	Perform corrective maintenance on aircraft wiring and associated devices (e.g., cannon plugs, ground points, splice points, etc.)
E4	CORE	Perform corrective maintenance on aircraft wiring harness systems and components
E4	CORE	Perform preventive maintenance on aircraft wiring and associated devices (e.g., cannon plugs, ground points, splice points, etc.)
E4	CORE	Perform preventive maintenance on aircraft wiring harness systems and components

GENERAL AIRCRAFT INSPECTION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Incorporate Technical Directives (TD)
E4	CORE	Perform conditional inspections
E4	CORE	Perform preoperational inspections
E4	CORE	Perform special inspections
E4	CORE	Perform zonal inspections

MAINTENANCE ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Brief maintenance operations (e.g., aircraft moves, low power turns, production control, work center, etc.)
E4	CORE	Document aviation maintenance actions
E7	CORE	Manage Production Control (PC) operations
E5	CORE	Update Monthly Maintenance Plans (MMP)
E5	CORE	Validate maintenance workload status
E5	CORE	Verify Maintenance Data Reports (MDR)

POWER GENERATION AND DISTRIBUTION SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform corrective maintenance on aircraft circuit protection systems and devices
E4	CORE	Perform corrective maintenance on aircraft electrical and electronic power distribution systems and components
E4	CORE	Perform corrective maintenance on aircraft generators
E4	CORE	Perform corrective maintenance on aircraft supervisory panels and voltage regulators
E4	CORE	Perform corrective maintenance on aircraft transformer rectifiers, converters, and inverters
E4	CORE	Perform corrective maintenance on Bus Power Control Units (BPCU)
E4	CORE	Perform corrective maintenance on Generator Control Units (GCU)

POWER GENERATION AND DISTRIBUTION SYSTEMS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform corrective maintenance on generator systems and components (e.g., generator control panel, contactors, bus tie contactors, relay panels, etc.)
E4	CORE	Perform corrective maintenance on main aircraft batteries
E4	CORE	Perform preventive maintenance on aircraft circuit protection systems and devices
E4	CORE	Perform preventive maintenance on aircraft electrical and electronic power distribution systems and components
E4	CORE	Perform preventive maintenance on aircraft generators
E4	CORE	Perform preventive maintenance on aircraft supervisory panels and voltage regulators
E4	CORE	Perform preventive maintenance on aircraft transformer rectifiers, converters, and inverters
E4	CORE	Perform preventive maintenance on Bus Power Control Units (BPCU)
E4	CORE	Perform preventive maintenance on Generator Control Units (GCU)
E4	CORE	Perform preventive maintenance on generator systems and components (e.g., generator control panel, contactors, bus tie contactors, relay panels, etc.)
E4	CORE	Perform preventive maintenance on main aircraft batteries
E4	CORE	Stow aircraft batteries
E4	CORE	Transport aircraft batteries

QUALITY ASSURANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Audit Naval Aviation Maintenance Programs (NAMP)
E4	CORE	Conduct Collateral Duty Inspector (CDI) inspections
E5	CORE	Conduct Quality Assurance (QA) inspections
E6	CORE	Manage Naval Aviation Maintenance Programs (NAMP)
E6	CORE	Monitor Naval Aviation Maintenance Programs (NAMP)
E4	CORE	Perform acceptance inspections
E4	CORE	Perform transfer inspections
E4	CORE	Supervise electrical and electronic maintenance tasks

Job Title**Aviation Electricians Mate Organizational Level Technician****Job Code****001527****Job Family**

Installation, Maintenance, and Repair

NOC

TBD

Short Title (30 Characters)

AVIA O-LEVEL ELECTRICIAN

Short Title (14 Characters)

AVELX TEC O-LV

Pay Plan

Enlisted

Career Field

AE

Other Relationships and Rules

NEC EXXX, IXXX, 7XXX series and other NECs as assigned

Job Description

Aviation Electrician's Mate Organizational Level Technicians communicate with Maintenance Control and Quality Assurance work centers and operate according to the Naval Aviation Maintenance Program (NAMP); maintain, troubleshoot, repair, and inspect a wide array of electrical and electronic equipment including: aircraft electrical systems, aircraft instrumentation equipment, aircraft power plant- and airframe-related equipment, and aircraft lighting equipment; and conduct system troubleshooting procedures using critical thinking skills and deductive reasoning to interpret schematics for electrical and electronic circuits, and environmental systems

DoD Relationship**Group Title**

Aircraft Accessories

DoD Code

160200

O*NET Relationship**Occupation Title**

Avionics Technicians

SOC Code

49-2091.00

Job Family

Installation, Maintenance, and Repair

Skills*Equipment Maintenance**Systems Evaluation**Quality Control Analysis**Monitoring**Judgment and Decision Making**Management of Material Resources**Reading Comprehension**Management of Personnel Resources**Time Management**Complex Problem Solving***Abilities***Written Comprehension**Deductive Reasoning**Manual Dexterity**Information Ordering**Problem Sensitivity**Finger Dexterity**Oral Expression**Inductive Reasoning**Flexibility of Closure**Time Sharing***AIRCRAFT ELECTRICAL SYSTEMS AND COMPONENTS****Paygrade**

E4

Task Type

CORE

Task Statements

Perform corrective maintenance on aircraft electrical and electronic emergency systems and components

E4

CORE

Perform corrective maintenance on blade fold/wing fold systems and components

E4

CORE

Perform corrective maintenance on data bus systems and components

E4

CORE

Perform corrective maintenance on Environmental Control Systems (ECS) and components (e.g., control panels, switches, control boxes, etc.)

E4

CORE

Perform corrective maintenance on flight data recording systems

E4

CORE

Perform corrective maintenance on Health Monitoring Systems (HMS) and components

E4

NON-CORE

Perform corrective maintenance on integrated helmet electronic systems

E4

CORE

Perform corrective maintenance on lighting systems and components

E4

CORE

Perform corrective maintenance on master caution, warning, and advisory systems and components

E4

CORE

Perform corrective maintenance on miscellaneous electrical and electronic systems and components (e.g., aircraft clock, night vision, etc.)

E4

NON-CORE

Perform corrective maintenance on vapor purge warning systems and components

E4

CORE

Perform handling of Electrostatic Discharge Sensitive (ESDS) components

E4

CORE

Perform preventive maintenance on aircraft electrical and electronic emergency systems and components

AE-10

AIRCRAFT ELECTRICAL SYSTEMS AND COMPONENTS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform preventive maintenance on blade fold/wing fold systems and components
E4	CORE	Perform preventive maintenance on data bus systems and components
E4	CORE	Perform preventive maintenance on Environmental Control Systems (ECS) and components (e.g., control panels, switches, control boxes, etc.)
E4	CORE	Perform preventive maintenance on flight data recording systems
E4	CORE	Perform preventive maintenance on Health Monitoring Systems (HMS) and components
E4	NON-CORE	Perform preventive maintenance on integrated helmet electronic systems
E4	CORE	Perform preventive maintenance on lighting systems and components
E4	CORE	Perform preventive maintenance on master caution, warning and advisory systems and components
E4	CORE	Perform preventive maintenance on miscellaneous electrical and electronic systems and components (e.g., aircraft clock, night vision, etc.)
E4	NON-CORE	Perform preventive maintenance on vapor purge warning systems and components

AIRCRAFT INSTRUMENTS AND NAVIGATION SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform corrective maintenance on aircraft compass systems and components
E4	CORE	Perform corrective maintenance on aircraft navigation electrical and electronic systems and components
E4	CORE	Perform corrective maintenance on fire warning indicating systems and components
E4	CORE	Perform corrective maintenance on Flight Director Indicators (FDI) (e.g., Attitude Direction Indicator (ADI), Bearing Distance Heading Indicator (BDHI), etc.)
E4	CORE	Perform corrective maintenance on flight instruments system and components (e.g., oil pressure, hydraulic pressure, etc.)
E4	CORE	Perform corrective maintenance on liquid quantity systems and indicators (e.g., fuel, hydraulics, liquid oxygen, etc.)
E4	CORE	Perform corrective maintenance on pitot static systems and components
E4	CORE	Perform preventive maintenance on aircraft compass systems and components
E4	CORE	Perform preventive maintenance on aircraft navigation electrical and electronic systems and components
E4	CORE	Perform preventive maintenance on fire warning indicating systems and components
E4	CORE	Perform preventive maintenance on Flight Director Indicators (FDI) (e.g., Attitude Direction Indicator (ADI), Bearing Distance Heading Indicator (BDHI), etc.)
E4	CORE	Perform preventive maintenance on flight instruments system and components (e.g., oil pressure, hydraulic pressure, etc.)
E4	CORE	Perform preventive maintenance on liquid quantity systems and indicators (e.g., fuel, hydraulics, liquid oxygen, etc.)
E4	CORE	Perform preventive maintenance on pitot static systems and components

AIRCRAFT POWER PLANT ELECTRICAL SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform corrective maintenance on aircraft power plant electrical and electronic systems and components
E4	CORE	Perform corrective maintenance on electrical fuel distribution, transfer, and dump systems
E4	CORE	Perform corrective maintenance on engine temperature monitoring systems and components
E4	CORE	Perform corrective maintenance on fuel system electrical components
E4	NON-CORE	Perform corrective maintenance on propeller electrical and electronic systems and components
E4	CORE	Perform preventive maintenance on aircraft power plant electrical and electronic systems and components
E4	CORE	Perform preventive maintenance on electrical fuel distribution, transfer, and dump systems
E4	CORE	Perform preventive maintenance on engine temperature monitoring systems and components
E4	CORE	Perform preventive maintenance on fuel system electrical components
E4	NON-CORE	Perform preventive maintenance on propeller electrical and electronic systems and components

AIRFRAME ELECTRICAL SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform corrective maintenance on airframe electrical and electronic systems and components
E4	CORE	Perform corrective maintenance on airframe subsystems electrical and electronic systems and components
E4	CORE	Perform corrective maintenance on landing gear electrical and electronic systems and components
E4	CORE	Perform preventive maintenance on airframe electrical and electronic systems and components
E4	CORE	Perform preventive maintenance on airframe subsystems electrical and electronic systems and components
E4	CORE	Perform preventive maintenance on landing gear electrical and electronic systems and components

AUTOMATIC FLIGHT CONTROL SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform corrective maintenance on Automatic Flight Control Systems (AFCS) and components
E4	NON-CORE	Perform corrective maintenance on Automatic Throttle Control (ATC) systems and components
E4	CORE	Perform corrective maintenance on flight surface indicating systems and components
E4	CORE	Perform preventive maintenance on Automatic Flight Control Systems (AFCS) and components

AUTOMATIC FLIGHT CONTROL SYSTEMS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	NON-CORE	Perform preventive maintenance on Automatic Throttle Control systems (ATC) and components
E4	CORE	Perform preventive maintenance on flight surface indicating systems and components

CORROSION CONTROL

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform corrosion prevention on aircraft electrical and electronic systems and components
E4	CORE	Perform corrosion prevention on aircraft systems and components
E4	CORE	Perform corrosion prevention on support equipment (SE) and Individual Material Readiness List (IMRL) assets and related equipment
E4	CORE	Perform corrosion treatment on aircraft electrical and electronic systems and components
E4	CORE	Perform corrosion treatment on aircraft systems and components
E4	CORE	Perform corrosion treatment on support equipment (SE) and Individual Material Readiness List (IMRL) assets and related equipment

ELECTRICAL WIRING MAINTENANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Assemble aircraft wiring devices (e.g., cannon plugs, ground points, splice points, etc.)
E4	CORE	Build aircraft wiring harnesses
E4	CORE	Perform corrective maintenance on aircraft wiring and associated devices (e.g., cannon plugs, ground points, splice points, etc.)
E4	CORE	Perform corrective maintenance on aircraft wiring harness systems and components
E4	CORE	Perform preventive maintenance on aircraft wiring and associated devices (e.g., cannon plugs, ground points, splice points, etc.)
E4	CORE	Perform preventive maintenance on aircraft wiring harness systems and components
E4	CORE	Perform preventive maintenance on Electrical Wiring Interconnect System (EWIS)

GENERAL AIRCRAFT INSPECTION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Incorporate Technical Directives (TD)
E4	CORE	Perform conditional inspections
E4	CORE	Perform daily inspections
E4	CORE	Perform phase inspections
E4	CORE	Perform preoperational inspections
E4	CORE	Perform special inspections
E4	CORE	Perform turnaround inspections
E4	CORE	Perform zonal inspections

MAINTENANCE ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Brief maintenance operations (e.g., aircraft moves, low power turns, production control, work center, etc.)
E7	CORE	Certify aircraft Safe for Flight (SFF)
E4	CORE	Document aviation maintenance actions
E7	CORE	Manage Maintenance Control (MC) operations
E5	CORE	Perform duties as Aircraft Crew Lead (ACL)
E5	CORE	Update Monthly Maintenance Plans (MMP)
E5	CORE	Validate maintenance workload status
E5	CORE	Verify Maintenance Data Reports (MDR)

POWER GENERATION AND DISTRIBUTION SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform corrective maintenance on aircraft circuit protection systems and devices
E4	CORE	Perform corrective maintenance on aircraft electrical and electronic power distribution systems and components
E4	CORE	Perform corrective maintenance on aircraft generators
E4	CORE	Perform corrective maintenance on aircraft supervisory panels and voltage regulators
E4	CORE	Perform corrective maintenance on aircraft transformer rectifiers, converters, and inverters
E4	CORE	Perform corrective maintenance on Bus Power Control Units (BPCU)
E4	CORE	Perform corrective maintenance on Generator Control Units (GCU)
E4	CORE	Perform corrective maintenance on generator systems and components (e.g., generator control panel, contactors, bus tie contactors, relay panels, etc.)
E4	CORE	Perform corrective maintenance on main aircraft batteries
E4	CORE	Perform preventive maintenance on aircraft circuit protection systems and devices
E4	CORE	Perform preventive maintenance on aircraft electrical and electronic power distribution systems and components
E4	CORE	Perform preventive maintenance on aircraft generators
E4	CORE	Perform preventive maintenance on aircraft supervisory panels and voltage regulators
E4	CORE	Perform preventive maintenance on aircraft transformer rectifiers, converters, and inverters
E4	CORE	Perform preventive maintenance on Bus Power Control Units (BPCU)
E4	CORE	Perform preventive maintenance on Generator Control Units (GCU)
E4	CORE	Perform preventive maintenance on generator systems and components (e.g., generator control panel, contactors, bus tie contactors, relay panels, etc.)
E4	CORE	Perform preventive maintenance on main aircraft batteries
E4	CORE	Stow aircraft batteries
E4	CORE	Transport aircraft batteries

QUALITY ASSURANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Audit Naval Aviation Maintenance Programs (NAMP)
E4	CORE	Conduct Collateral Duty Inspector (CDI) inspections
E5	CORE	Conduct Quality Assurance (QA) inspections
E6	NON-CORE	Coordinate flight deck and flight line operations
E7	CORE	Manage flight deck and flight line operations
E7	CORE	Manage hangar and flight line aircraft maintenance operations
E6	CORE	Manage Naval Aviation Maintenance Programs (NAMP)
E6	CORE	Monitor Naval Aviation Maintenance Programs (NAMP)
E4	CORE	Perform acceptance inspections
E4	CORE	Perform transfer inspections
E4	CORE	Supervise electrical and electronic maintenance tasks