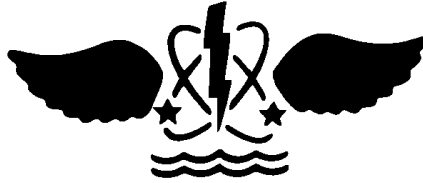


CHAPTER 12



NAVAL AIRCREWMAN (AVIONICS) (AWV)

NAVPERS 18068F-12J
Change 100

Updated: October 2024

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NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

NAVAL AIRCREWMEN (AVIONICS) (AWV)



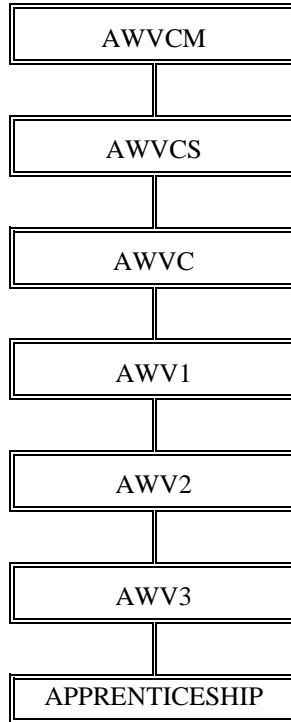
SCOPE OF RATING

Naval Aircrewmens (Avionics) (AWV) perform primary in-flight and ground duties as members of a fixed wing integrated tactical aircrew aboard special reconnaissance, command and control, and logistics aircraft: pilot and maintain Unmanned Aerial Vehicles (UAV); operate aerial photographic equipment; transport critical cargo and passengers; maintain and operate strategic and tactical communications; handle, store and retrieve incoming and outgoing messages; build, configure, deploy, operate, maintain, and repair Information Technology (IT) such as fiber optics, networks and capabilities; perform network system administration, maintenance, and training; perform maintenance and aircrew administration; conduct flight and ground training; perform Joint Special Warfare Operations (JSWO) and Communications Material Security (CMS) handling; and demonstrate understanding of mission and flight avionics systems, safety equipment, emergency procedures and aircraft equipment.

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) in Chapter 12.

GENERAL INFORMATION

CAREER PATTERN



Normal path of advancement to Chief Warrant Officer 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**Airborne Communication Technician****Job Code****001590****Job Family**

Installation, Maintenance, and Repair

NOC

TBD

Short Title (30 Characters)

AIRBORNE COMMUNICATION TECH

Short Title (14 Characters)

AIR COMM TECH

Pay Plan

Enlisted

Career Field

AWV

Other Relationships and Rules

NEC GXXX and 7XXX series and other NECs as assigned

Job Description

Airborne Communication Technicians perform in-flight communications system operator duties as members of fixed wing integrated tactical crews aboard E-6B aircraft: maintain and operate strategic and tactical communications; handle, store, and retrieve incoming and outgoing messages; build, configure, deploy, operate, maintain, and repair Information Technology (IT) such as fiber optics, networks and capabilities; perform network system administration, maintenance, and training; perform fault isolation and component repair of mission and flight avionics equipment on E-6B aircraft; perform aircrew duties that contribute to aircrew operations, training, and administration; attain and maintain the squadron's aircrew qualifications and certifications; demonstrate knowledge of Naval communications procedures and cryptographic materials, aircraft systems, and emergency procedures; and implement Top Secret (TS) security clearance and Personnel Reliability Program (PRP) requirements.

DoD Relationship**Group Title**

Air Crew, General

DoD Code

105000

O*NET Relationship**Occupation Title**

Avionics Technicians

SOC Code

49-2091.00

Job Family

Installation, Maintenance, and Repair

Skills*Coordination**Operation and Control**Equipment Maintenance**Critical Thinking**Monitoring**Management of Material Resources**Repairing**Complex Problem Solving**Reading Comprehension**Management of Personnel Resources***Abilities***Problem Sensitivity**Information Ordering**Written Comprehension**Manual Dexterity**Oral Expression**Written Expression**Inductive Reasoning**Selective Attention**Deductive Reasoning**Oral Comprehension***AIRCREW ADMINISTRATION****Paygrade****Task Type****Task Statements**

E5

CORE

Administer aircrew training programs

E5

NON-CORE

Administer Naval Air Training and Operating Procedures Standardization (NATOPS) programs

E5

CORE

Administer Naval Aircrew Warfare Specialist (NAWS) programs

E5

NON-CORE

Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations

E6

NON-CORE

Develop tactical simulator scenarios

E5

NON-CORE

Instruct Crew Resource Management (CRM) programs

E4

CORE

Maintain aircrew publication libraries

E4

CORE

Maintain communications publications

E4

CORE

Maintain Naval Air Training and Operating Procedures Standardization (NATOPS) publications

E5

NON-CORE

Maintain Personnel Reliability Program (PRP) records

E5

CORE

Manage aircrew training materials

E6

CORE

Manage Key Management Infrastructure (KMI) program

E6

NON-CORE

Manage Personnel Reliability Programs (PRP)

E5

CORE

Prepare administrative briefs

E6

CORE

Prepare Emergency Action Plans (EAP)

AIRCREW ADMINISTRATION (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Prepare tactical memorandums

AIRCREW DUTIES

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Assign aircraft ditching stations
E5	NON-CORE	Conduct Air Combat Training Continuum (ACTC) evaluations
E4	CORE	Conduct Air Combat Training Continuum (ACTC) flight/ground training
E4	NON-CORE	Conduct Humanitarian Assistance and Disaster Relief (HADR) operations
E4	NON-CORE	Conduct passenger transports
E5	NON-CORE	Conduct testing of newly developed aircraft systems
E4	CORE	Consolidate mission data
E4	CORE	Coordinate mission requirements with battle staff and flight deck
E4	CORE	Draft mission logs
E4	CORE	Inspect Aviation Life Support Systems (ALSS) equipment
E4	CORE	Inventory Information Systems (IS) assets
E4	CORE	Monitor avionics performance
E4	CORE	Monitor contacts
E5	CORE	Monitor Crew Resource Management (CRM)
E4	CORE	Monitor environmental control systems
E4	NON-CORE	Perform advanced level first aid (e.g., Emergency Medical Responder (EMR) duties, in-flight first aid, Tactical Combat Casualty Care (TCCC) tier 2, etc.)
E4	CORE	Perform aircraft emergency procedures
E4	CORE	Perform aircraft ground handling operations
E4	CORE	Perform aircraft pre-flight and post-flight inspections
E4	CORE	Perform aircraft safety and emergency equipment operations
E4	CORE	Perform aircraft security
E4	CORE	Perform Communication Security (COMSEC) procedures
E4	CORE	Perform Crew Resource Management (CRM)
E4	CORE	Perform land and sea survival techniques
E4	CORE	Perform logistical operations
E4	NON-CORE	Perform Medical Evacuations (MEDEVAC)
E5	CORE	Perform Operational Reporting (OPREP) procedures
E4	NON-CORE	Perform passenger safety briefs
E4	CORE	Perform Support Equipment (SE) operations
E4	CORE	Perform warfare exercises
E4	CORE	Prepare aircraft for static displays
E4	CORE	Process Emergency Action Messages (EAM)
E4	NON-CORE	Report contacts

AIRCREW DUTIES (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Report in-flight status
E4	CORE	Review aircraft maintenance records
E5	CORE	Supervise ground handling operations
E4	CORE	Supervise Support Equipment (SE) operations

COMMUNICATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Communicate information using radios and Internal Communication Systems (ICS)
E4	CORE	Configure cryptographic equipment
E4	CORE	Configure data link systems
E4	CORE	Configure external electronic loading devices
E4	CORE	Configure progressive conferences
E4	CORE	Configure Satellite Communication (SATCOM) systems
E4	CORE	Manage access to network resources
E4	CORE	Manage data circuits
E5	CORE	Manage electronic spillage
E4	CORE	Manage voice circuits
E4	CORE	Monitor broadcast channels
E4	CORE	Process data circuit traffic
E4	CORE	Process Naval messages in-flight
E4	CORE	Process voice circuit traffic
E4	CORE	Receive electronic keying material via Over-the-Air-Transfers (OTAT) and Over-The-Air Rekeys (OTAR)
E4	CORE	Set Emission Control (EMCON) conditions
E5	CORE	Supervise communications positions
E4	CORE	Test communication circuits
E4	CORE	Transmit Emergency Action Messages (EAM)

MAINTENANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Audit Naval Aviation Maintenance Programs (NAMP)
E7	NON-CORE	Certify aircraft maintenance records
E4	CORE	Conduct aircraft towing operations
E4	CORE	Document aircraft discrepancies
E4	CORE	Document in-flight maintenance
E4	CORE	Maintain aircraft avionics systems
E4	CORE	Maintain aircraft instrumentation systems
E4	CORE	Maintain aircraft systems using test equipment
E4	CORE	Maintain data link systems
E4	CORE	Maintain data processing systems
E4	CORE	Maintain environmental systems

MAINTENANCE (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Maintain fiber optic systems
E4	CORE	Maintain Identification Friend or Foe (IFF) systems
E4	CORE	Maintain Internal Communication Systems (ICS)
E4	CORE	Maintain mission systems
E4	CORE	Maintain navigation systems
E4	CORE	Maintain network cables
E4	CORE	Maintain network components
E4	CORE	Maintain radar systems
E4	CORE	Maintain Satellite Communication (SATCOM) systems
E4	CORE	Maintain wiring and connectors
E4	CORE	Maintain workstation application software
E6	NON-CORE	Manage Naval Aviation Maintenance Programs (NAMP)
E6	NON-CORE	Monitor Naval Aviation Maintenance Programs (NAMP)
E4	CORE	Perform aircraft servicing procedures
E4	CORE	Perform preservation and depreservation procedures
E5	NON-CORE	Perform Quality Assurance (QA) inspections
E7	NON-CORE	Release aircraft Safe For Flight (SFF)
E5	CORE	Supervise aircraft repairs
E4	CORE	Troubleshoot communications systems
E4	CORE	Troubleshoot workstation network connectivity

MISSION SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	NON-CORE	Analyze effects of electromagnetic pulse (EMP) on communications equipment
E4	CORE	Initialize Global Positioning Satellite (GPS) equipment
E4	CORE	Initialize Inertial Navigation Systems (INS)
E4	CORE	Load mission software
E4	CORE	Perform aircraft electrical systems operations
E4	CORE	Perform data processing for system and software operations
E4	CORE	Perform mission system operations with nuclear critical components onboard
E4	CORE	Perform Secure Telephone Equipment (STE) operations
E4	CORE	Perform weather analysis using aircraft radar system operations

NETWORKING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Configure network hardware
E4	CORE	Configure network software
E4	CORE	Configure Voice over Internet Protocol (VoIP)
E4	CORE	Establish network connectivity using aircraft systems
E4	CORE	Inspect network components
E4	CORE	Load aircraft software

NETWORKING (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	NON-CORE	Manage Information Systems Security (ISS) programs
E4	CORE	Manage onboard Local Area Network (LAN) systems
E4	CORE	Monitor network connectivity
E5	NON-CORE	Perform system administrator functions
E4	CORE	Verify adherence to network policies
E4	CORE	Verify workstation network connectivity

OPERATIONS PLANNING AND LOGISTICS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	NON-CORE	Analyze emerging technology to meet fleet aviation training requirements
E5	CORE	Brief tactical missions
E6	NON-CORE	Coordinate airlift support
E5	CORE	Coordinate logistical operations
E7	CORE	Coordinate missions
E5	NON-CORE	Coordinate Operating Area (OPAREA) schedules with external agencies
E7	NON-CORE	Coordinate weapons system designs with contract engineers
E5	CORE	Prepare aircrew mission briefs and debriefs
E5	CORE	Prepare mission capability briefs

Job Title**In-Flight Technician****Job Code****001610****Job Family**

Installation, Maintenance, and Repair

NOC

TBD

Short Title (30 Characters)

IN-FLIGHT TECHNICIAN

Short Title (14 Characters)

NAC INFLT TECH

Pay Plan

Enlisted

Career Field

AWV

Other Relationships and Rules

NEC GXXX and 7XXX series and other NECs as assigned

Job Description

In-Flight Technicians serve as members of fixed wing integrated tactical crews aboard special reconnaissance aircraft: perform in-flight duties of fault isolation; repair component avionics equipment; operate sensor systems and aerial cameras; perform aircrew duties that contribute to aircrew operations, training, and administration; attain and maintain the squadron's aircrew qualifications and certifications; maintain and operate aircraft avionics, network systems, cryptographic equipment, optical equipment, Electro-Optical and Infrared (EO/IR) systems, aircraft equipment; demonstrate knowledge of flight and emergency procedures; and implement Top Secret (TS) security clearance and Personnel Reliability Program (PRP) requirements.

DoD Relationship**Group Title**

Air Crew, General

DoD Code

105000

O*NET Relationship**Occupation Title**

Avionics Technicians

SOC Code

49-2091.00

Job Family

Installation, Maintenance, and Repair

Skills*Operation and Control**Coordination**Equipment Maintenance**Monitoring**Critical Thinking**Repairing**Complex Problem Solving**Management of Material Resources**Reading Comprehension**Management of Personnel Resources***Abilities***Problem Sensitivity**Written Comprehension**Information Ordering**Manual Dexterity**Oral Expression**Inductive Reasoning**Selective Attention**Written Expression**Deductive Reasoning**Finger Dexterity***AIRCREW ADMINISTRATION****Paygrade**

E5

Task Type

CORE

Task Statements

Administer aircrew training programs

E5

NON-CORE

Administer Naval Air Training and Operating Procedures Standardization (NATOPS) programs

E5

CORE

Administer Naval Aircrew Warfare Specialist (NAWS) programs

E5

NON-CORE

Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations

E5

NON-CORE

Instruct Crew Resource Management (CRM) programs

E4

CORE

Maintain aircrew publication libraries

E4

CORE

Maintain Naval Air Training and Operating Procedures Standardization (NATOPS) publications

E5

CORE

Manage aircrew training materials

E6

CORE

Prepare Emergency Action Plans (EAP)

AIRCREW DUTIES**Paygrade**

E5

Task Type

CORE

Task Statements

Assign aircraft ditching stations

E5

NON-CORE

Conduct Air Combat Training Continuum (ACTC) evaluations

E4

CORE

Conduct Air Combat Training Continuum (ACTC) flight/ground training

E4

NON-CORE

Conduct Humanitarian Assistance and Disaster Relief (HADR) operations

E4

NON-CORE

Conduct passenger transports

AIRCREW DUTIES (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Conduct testing of newly developed aircraft systems
E5	NON-CORE	Employ aircraft laser systems
E4	CORE	Inspect Aviation Life Support Systems (ALSS) equipment
E4	CORE	Inventory Information Systems (IS) assets
E4	CORE	Monitor avionics performance
E4	CORE	Monitor contacts
E5	CORE	Monitor Crew Resource Management (CRM)
E4	CORE	Monitor environmental control systems
E5	NON-CORE	Monitor tracks and Targets of Interest (TOI)
E4	NON-CORE	Perform advanced level first aid (e.g., Emergency Medical Responder (EMR) duties, in-flight first aid, Tactical Combat Casualty Care (TCCC) tier 2, etc.)
E4	CORE	Perform aircraft emergency procedures
E4	NON-CORE	Perform aircraft fueling
E4	CORE	Perform aircraft ground handling operations
E4	CORE	Perform aircraft pre-flight and post-flight inspections
E4	CORE	Perform aircraft safety and emergency equipment operations
E4	CORE	Perform aircraft security
E4	NON-CORE	Perform Auxiliary Power Unit (APU) operations
E4	CORE	Perform Communication Security (COMSEC) procedures
E4	CORE	Perform Crew Resource Management (CRM)
E4	CORE	Perform land and sea survival techniques
E4	CORE	Perform logistical operations
E4	NON-CORE	Perform Medical Evacuations (MEDEVAC)
E5	CORE	Perform Operational Reporting (OPREP) procedures
E4	NON-CORE	Perform passenger safety briefs
E4	CORE	Perform Support Equipment (SE) operations
E4	CORE	Perform warfare exercises
E4	CORE	Prepare aircraft for static displays
E4	NON-CORE	Report contacts
E4	CORE	Report in-flight status
E5	NON-CORE	Report Targets of Interest (TOI)
E4	CORE	Review aircraft maintenance records
E5	CORE	Supervise ground handling operations
E4	CORE	Supervise Support Equipment (SE) operations

COMMUNICATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Communicate information using radios and Internal Communication Systems (ICS)
E4	CORE	Configure cryptographic equipment
E4	CORE	Configure data link systems
E4	CORE	Configure external electronic loading devices

COMMUNICATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Configure Satellite Communication (SATCOM) systems
E4	CORE	Manage access to network resources
E4	CORE	Manage data circuits
E5	CORE	Manage electronic spillage
E4	CORE	Manage voice circuits
E4	CORE	Monitor broadcast channels
E4	CORE	Process data circuit traffic
E4	CORE	Process voice circuit traffic
E4	CORE	Set Emission Control (EMCON) conditions
E5	CORE	Supervise communications positions
E4	CORE	Test communication circuits

MAINTENANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Audit Naval Aviation Maintenance Programs (NAMP)
E7	NON-CORE	Certify aircraft maintenance records
E4	CORE	Conduct aircraft towing operations
E4	CORE	Document aircraft discrepancies
E4	CORE	Document in-flight maintenance
E4	CORE	Maintain aircraft avionics systems
E4	CORE	Maintain aircraft instrumentation systems
E4	CORE	Maintain aircraft systems using test equipment
E4	CORE	Maintain data link systems
E4	CORE	Maintain data processing systems
E5	NON-CORE	Maintain Electro-Optical (EO) and Infrared (IR) systems
E4	CORE	Maintain environmental systems
E4	CORE	Maintain fiber optic systems
E4	CORE	Maintain Identification Friend or Foe (IFF) systems
E4	CORE	Maintain Internal Communication Systems (ICS)
E4	CORE	Maintain mission systems
E4	CORE	Maintain navigation systems
E4	CORE	Maintain network cables
E4	CORE	Maintain network components
E4	CORE	Maintain radar systems
E4	CORE	Maintain Satellite Communication (SATCOM) systems
E4	CORE	Maintain wiring and connectors
E4	CORE	Maintain workstation application software
E6	NON-CORE	Manage Naval Aviation Maintenance Programs (NAMP)
E6	NON-CORE	Monitor Naval Aviation Maintenance Programs (NAMP)
E4	CORE	Perform aircraft servicing procedures

MAINTENANCE (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform preservation and depreservation procedures
E5	NON-CORE	Perform Quality Assurance (QA) inspections
E7	NON-CORE	Release aircraft Safe For Flight (SFF)
E5	CORE	Supervise aircraft repairs
E4	CORE	Troubleshoot communications systems
E4	CORE	Troubleshoot workstation network connectivity

MISSION SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Initialize Global Positioning Satellite (GPS) equipment
E4	CORE	Initialize Inertial Navigation Systems (INS)
E5	NON-CORE	Inspect photographic equipment
E4	CORE	Load mission software
E4	NON-CORE	Operate photographic equipment
E4	CORE	Perform aircraft electrical systems operations
E4	CORE	Perform data processing for system and software operations
E4	CORE	Perform Secure Telephone Equipment (STE) operations
E4	CORE	Perform weather analysis using aircraft radar system operations

NETWORKING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Configure network hardware
E4	CORE	Configure network software
E4	CORE	Configure Voice over Internet Protocol (VoIP)
E4	CORE	Establish network connectivity using aircraft systems
E4	CORE	Inspect network components
E4	CORE	Load aircraft software
E4	CORE	Manage onboard Local Area Network (LAN) systems
E4	CORE	Monitor network connectivity
E5	NON-CORE	Perform system administrator functions
E4	CORE	Verify workstation network connectivity

OPERATIONS PLANNING AND LOGISTICS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	NON-CORE	Analyze emerging technology to meet fleet aviation training requirements
E6	NON-CORE	Coordinate airlift support
E7	CORE	Coordinate missions
E7	NON-CORE	Coordinate weapons system designs with contract engineers
E5	CORE	Prepare aircrew mission briefs and debriefs
E6	CORE	Prepare country clearance messages
E5	CORE	Prepare mission capability briefs

Job Title**Unmanned Aerial Vehicle (UAV) Pilot/Maintainer****Job Code****002672****Job Family**

Transportation and Material Moving

NOC

TBD

Short Title (30 Characters)

UAV PILOT/MAINTAINER

Short Title (14 Characters)

NAC UAV P-MNT

Pay Plan

Enlisted

Career Field

AWV

Other Relationships and Rules

NEC GXXX and 7XXX series and other NECs as assigned

Job Description

Unmanned Aerial Vehicle (UAV) Pilots and Maintainers serve as external pilots directly controlling the flight of UAVs during launch and recovery operations by visual reference to the UAV; serve as internal pilots operating and navigating UAVs during the en route, mission, and return phases of flight; perform organizational level maintenance on UAV systems and Support Equipment (SE); operate and maintain Electro-Optical and Infrared (EO/IR) targeting systems; demonstrate knowledge in meteorology, aerodynamics, power plants, radios, and air traffic control; and perform basic and advanced flight operations.

DoD Relationship**Group Title**

Aircraft, General

DoD Code

160000

O*NET Relationship**Occupation Title**

Airline Pilots, Copilots, and Flight Engineers

SOC Code

53-2011.00

Job Family

Transportation and Material Moving

Skills*Operation and Control**Equipment Maintenance**Coordination**Critical Thinking**Monitoring**Repairing**Complex Problem Solving**Management of Material Resources**Judgment and Decision Making**Operation Monitoring***Abilities***Problem Sensitivity**Information Ordering**Written Comprehension**Manual Dexterity**Oral Expression**Written Expression**Inductive Reasoning**Selective Attention**Deductive Reasoning**Finger Dexterity***AIRCREW ADMINISTRATION****Paygrade****Task Type****Task Statements**

E5

CORE

Administer aircrew training programs

E5

NON-CORE

Administer Naval Air Training and Operating Procedures Standardization (NATOPS) programs

E5

NON-CORE

Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations

E6

NON-CORE

Develop tactical simulator scenarios

E5

NON-CORE

Instruct Crew Resource Management (CRM) programs

E4

CORE

Maintain aircrew publication libraries

E4

CORE

Maintain Naval Air Training and Operating Procedures Standardization (NATOPS) publications

E5

CORE

Manage aircrew training materials

E5

CORE

Prepare administrative briefs

E5

NON-CORE

Prepare tactical memorandums

AIRCREW DUTIES**Paygrade****Task Type****Task Statements**

E4

NON-CORE

Compute aircraft load limitations

E5

NON-CORE

Conduct Air Combat Training Continuum (ACTC) evaluations

E4

CORE

Conduct Air Combat Training Continuum (ACTC) flight/ground training

E4

NON-CORE

Conduct Humanitarian Assistance and Disaster Relief (HADR) operations

AIRCREW DUTIES (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Conduct testing of newly developed aircraft systems
E4	CORE	Consolidate mission data
E4	CORE	Draft mission logs
E5	NON-CORE	Employ aircraft laser systems
E4	CORE	Monitor avionics performance
E4	CORE	Monitor contacts
E5	CORE	Monitor Crew Resource Management (CRM)
E5	NON-CORE	Monitor tracks and Targets of Interest (TOI)
E4	NON-CORE	Perform advanced level first aid (e.g., Emergency Medical Responder (EMR) duties, in-flight first aid, Tactical Combat Casualty Care (TCCC) tier 2, etc.)
E4	CORE	Perform aircraft emergency procedures
E4	NON-CORE	Perform aircraft fueling
E4	CORE	Perform aircraft ground handling operations
E4	CORE	Perform aircraft pre-flight and post-flight inspections
E4	CORE	Perform aircraft security
E4	CORE	Perform Crew Resource Management (CRM)
E4	CORE	Perform logistical operations
E5	CORE	Perform Operational Reporting (OPREP) procedures
E4	CORE	Perform Support Equipment (SE) operations
E4	CORE	Perform warfare exercises
E4	CORE	Prepare aircraft for static displays
E4	NON-CORE	Report contacts
E4	CORE	Report in-flight status
E5	NON-CORE	Report Targets of Interest (TOI)
E4	CORE	Review aircraft maintenance records
E5	CORE	Supervise ground handling operations
E4	CORE	Supervise Support Equipment (SE) operations

COMMUNICATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Configure data link systems
E4	CORE	Configure external electronic loading devices
E4	CORE	Configure Satellite Communication (SATCOM) systems
E4	CORE	Manage access to network resources
E4	CORE	Process data circuit traffic
E4	CORE	Process voice circuit traffic

MAINTENANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Audit Naval Aviation Maintenance Programs (NAMP)
E7	NON-CORE	Certify aircraft maintenance records

MAINTENANCE (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Conduct aircraft towing operations
E4	CORE	Document aircraft discrepancies
E4	CORE	Maintain aircraft avionics systems
E4	CORE	Maintain aircraft instrumentation systems
E4	CORE	Maintain aircraft systems using test equipment
E4	CORE	Maintain data link systems
E4	CORE	Maintain data processing systems
E5	NON-CORE	Maintain Electro-Optical (EO) and Infrared (IR) systems
E4	CORE	Maintain fiber optic systems
E5	NON-CORE	Maintain laser systems
E4	CORE	Maintain mission systems
E4	CORE	Maintain navigation systems
E4	CORE	Maintain network cables
E4	CORE	Maintain network components
E4	CORE	Maintain radar systems
E4	CORE	Maintain Satellite Communication (SATCOM) systems
E4	CORE	Maintain wiring and connectors
E4	CORE	Maintain workstation application software
E6	NON-CORE	Manage Naval Aviation Maintenance Programs (NAMP)
E5	NON-CORE	Monitor aircraft hydraulic systems
E6	NON-CORE	Monitor Naval Aviation Maintenance Programs (NAMP)
E4	CORE	Perform aircraft servicing procedures
E5	NON-CORE	Perform Quality Assurance (QA) inspections
E7	NON-CORE	Release aircraft Safe For Flight (SFF)
E5	CORE	Supervise aircraft repairs
E4	CORE	Troubleshoot workstation network connectivity

MISSION SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Initialize Global Positioning Satellite (GPS) equipment
E4	CORE	Initialize Inertial Navigation Systems (INS)
E5	NON-CORE	Inspect photographic equipment
E4	CORE	Load mission software
E4	NON-CORE	Operate photographic equipment
E4	CORE	Perform aircraft electrical systems operations
E4	CORE	Perform data processing for system and software operations
E4	CORE	Perform Secure Telephone Equipment (STE) operations
E4	CORE	Perform weather analysis using aircraft radar system operations

NETWORKING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Configure network hardware
E4	CORE	Configure network software
E4	CORE	Configure Voice over Internet Protocol (VoIP)
E4	CORE	Establish network connectivity using aircraft systems
E4	CORE	Inspect network components
E6	NON-CORE	Manage Information Systems Security (ISS) programs
E4	CORE	Manage onboard Local Area Network (LAN) systems
E4	CORE	Monitor network connectivity
E4	CORE	Verify adherence to network policies
E4	CORE	Verify workstation network connectivity

OPERATIONS PLANNING AND LOGISTICS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	NON-CORE	Analyze emerging technology to meet fleet aviation training requirements
E5	CORE	Brief tactical missions
E6	NON-CORE	Coordinate airlift support
E7	CORE	Coordinate missions
E5	NON-CORE	Coordinate Operating Area (OPAREA) schedules with external agencies
E7	NON-CORE	Coordinate weapons system designs with contract engineers
E5	CORE	Prepare aircrew mission briefs and debriefs
E6	CORE	Prepare country clearance messages
E5	CORE	Prepare mission capability briefs
E5	NON-CORE	Support Naval Special Warfare (NSW) operations

UNMANNED AERIAL VEHICLE (UAV) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Adjust aircraft engine power settings
E5	NON-CORE	Control Unmanned Aerial Vehicle (UAV) radar systems
E5	NON-CORE	Maintain Unmanned Aerial Vehicles (UAV)
E5	NON-CORE	Monitor Unmanned Aerial Vehicle (UAV) fuel systems
E5	NON-CORE	Operate Unmanned Aerial Vehicle (UAV) camera systems
E5	NON-CORE	Operate Unmanned Aerial Vehicle (UAV) navigation systems
E5	NON-CORE	Operate Unmanned Aerial Vehicle (UAV) radio systems
E5	NON-CORE	Perform Unmanned Aerial Vehicle (UAV) operations
E5	NON-CORE	Pilot Unmanned Aerial Vehicles (UAV)
E5	NON-CORE	Plan Unmanned Aerial Vehicle (UAV) operations
E5	NON-CORE	Power payload using Unmanned Aerial Vehicle (UAV) electrical systems

Job Title**Operations, Training, And Readiness Specialist (Avionics)****Job Code****002833****Job Family**

Management

NOC

TBD

Short Title (30 Characters)

OPS TRNG & RDNS AVIONICS

Short Title (14 Characters)

OT&R SPEC AVIO

Pay Plan

Enlisted

Career Field

AWV

Other Relationships and Rules

NEC GXXX and 7XXX series and other NECs as assigned

Job Description

Operations, Training, and Readiness Specialists (Avionics) are integral members of aviation commands: coordinate operational, administrative, and aircrew scheduling functions; administer and manage aircrew training programs and resources; analyze training resource requirements; review proposed training devices and programs; develop and revise curricula; manage standardization of aircrew training to enhance proficiency and readiness; manage student quotas, qualifications and certifications; coordinate aircrew physical fitness and health program initiatives; track all aspects of aircrew performance data to support the rigorous demands of operational commitments worldwide; administer and direct the Naval Air Training and Operating Procedures Standardization (NATOPS) programs; and support tactics, training and readiness, weapons safety, Search and Rescue (SAR), and various other aircrew training/missions.

DoD Relationship**Group Title**

Air Crew, General

DoD Code

105000

O*NET Relationship**Occupation Title**

Training and Development Manager

SOC Code

11-3131.00

Job Family

Management

Skills*Management of Personnel Resources**Critical Thinking**Management of Material Resources**Judgment and Decision Making**Coordination**Monitoring**Complex Problem Solving**Quality Control Analysis**Writing**Operations Analysis***Abilities***Information Ordering**Written Expression**Oral Expression**Written Comprehension**Inductive Reasoning**Problem Sensitivity**Deductive Reasoning**Category Flexibility**Originality**Fluency of Ideas***AIRCREW ADMINISTRATION****Paygrade****Task Type****Task Statements**

E5

CORE

Administer aircrew training programs

E5

NON-CORE

Administer Naval Air Training and Operating Procedures Standardization (NATOPS) programs

E5

CORE

Administer Naval Aircrew Warfare Specialist (NAWS) programs

E6

CORE

Analyze monthly training trend reports

E7

CORE

Analyze training and readiness matrices

E5

NON-CORE

Certify Air Combat Training Continuum (ACTC) qualifications in training jackets

E6

CORE

Conduct Flight Order Audit Boards (FOAB)

E5

NON-CORE

Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations

E6

CORE

Define aircrew readiness requirements for individuals and crews

E5

CORE

Determine aircrew requirements for flight events and training devices

E6

NON-CORE

Develop Air Combat Training Continuum (ACTC)

E5

CORE

Develop aircrew training plans

E5

NON-CORE

Develop Naval Air Training and Operating Procedures Standardization (NATOPS) lesson materials

E7

NON-CORE

Evaluate aircrew qualification and readiness programs

E5

CORE

Evaluate aircrew training programs

AIRCREW ADMINISTRATION (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Maintain Naval Air Training and Operating Procedures Standardization (NATOPS) publications
E5	CORE	Maintain Naval Air Training and Operating Procedures Standardization (NATOPS) training jackets
E5	NON-CORE	Maintain Personnel Reliability Program (PRP) records
E5	NON-CORE	Maintain training and readiness databases
E7	CORE	Manage Air Combat Training Continuum (ACTC) programs
E7	CORE	Manage aircrew qualification and readiness programs
E5	CORE	Manage aircrew training materials
E7	CORE	Manage aircrew training programs
E6	NON-CORE	Manage Crew Resource Management (CRM) programs
E7	NON-CORE	Manage fleet acquisition programs
E7	CORE	Manage Naval Aircrew Warfare Specialist (NAWS) programs
E6	NON-CORE	Manage Personnel Reliability Programs (PRP)
E7	NON-CORE	Manage Temporary Flight Orders (TFO) programs
E5	CORE	Prepare administrative briefs
E6	CORE	Prepare Emergency Action Plans (EAP)
E5	CORE	Prepare flight hour reports
E5	NON-CORE	Prepare monthly training trend reports
E5	CORE	Record individual flight time summaries (e.g., logbook, Sierra Hotel Aircrew Readiness Program (SHARP), etc.)
E5	NON-CORE	Update aircrew course curriculum

AIRCREW DUTIES

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Monitor Crew Resource Management (CRM)
E4	NON-CORE	Perform advanced level first aid (e.g., Emergency Medical Responder (EMR) duties, in-flight first aid, Tactical Combat Casualty Care (TCCC) tier 2, etc.)
E4	CORE	Perform warfare exercises

NETWORKING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	NON-CORE	Manage Information Security (INFOSEC) programs
E6	NON-CORE	Manage Information Systems Security (ISS) programs

OPERATIONS PLANNING AND LOGISTICS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	NON-CORE	Analyze emerging technology to meet fleet aviation training requirements
E7	NON-CORE	Brief fleet aviation training requirements to upper echelon
E7	CORE	Coordinate aircraft assignments with maintenance control
E7	CORE	Coordinate aircraft availability for long and short range planning

OPERATIONS PLANNING AND LOGISTICS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Coordinate logistical operations
E7	CORE	Coordinate missions
E5	NON-CORE	Coordinate Operating Area (OPAREA) schedules with external agencies
E7	CORE	Coordinate warfare exercises
E7	NON-CORE	Coordinate weapons system designs with contract engineers
E7	NON-CORE	Define aircrew production requirements
E7	CORE	Manage aircrew operations
E5	CORE	Manage operational crew assignments
E7	NON-CORE	Monitor Fleet Replacement Squadron (FRS) student production
E7	CORE	Monitor fleet training and readiness levels
E7	CORE	Plan strategic operations
E5	NON-CORE	Prepare flight schedules
E5	CORE	Prepare mission capability briefs
E5	NON-CORE	Support Naval Special Warfare (NSW) operations