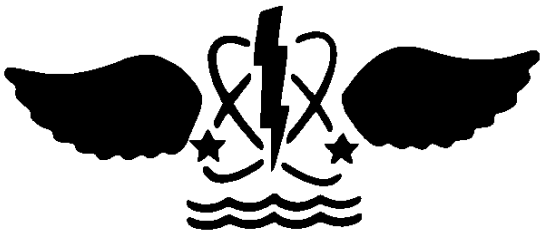
CHAPTER 12



NAVAL AIRCREWMAN (AVIONICS)
(AWV)

NAVPERS 18068F-12I
Change 81

Updated: January 2020

TABLE OF CONTENTS
NAVAL AIRCREWMEN (AVIONICS) (AWV)

SCOPE OF RATING	AWV-3
GENERAL INFORMATION	AWV-4
AIRBORNE COMMUNICATION TECHNICIAN	AWV-5
AIRCREW ADMINISTRATION	AWV-5
AIRCREW DUTIES	AWV-6
COMMUNICATIONS	AWV-6
MAINTENANCE	AWV-7
MISSION SYSTEMS	AWV-8
NETWORKING	AWV-8
OPERATIONS PLANNING AND LOGISTICS	AWV-9
IN-FLIGHT TECHNICIAN	AWV-10
AIRCREW ADMINISTRATION	AWV-10
AIRCREW DUTIES	AWV-11
COMMUNICATIONS	AWV-11
MAINTENANCE	AWV-12
MISSION SYSTEMS	AWV-12
NETWORKING	AWV-13
OPERATIONS PLANNING AND LOGISTICS	AWV-13
UNMANNED AERIAL VEHICLE (UAV) OPERATIONS	AWV-14
UNMANNED AERIAL VEHICLE (UAV) OPERATIONS PILOT/MAINTAINER	AWV-15
AIRCREW ADMINISTRATION	AWV-15
AIRCREW DUTIES	AWV-16
COMMUNICATIONS	AWV-16
MAINTENANCE	AWV-16
MISSION SYSTEMS	AWV-17
NETWORKING	AWV-17
OPERATIONS PLANNING AND LOGISTICS	AWV-17
UNMANNED AERIAL VEHICLE (UAV) OPERATIONS	AWV-18
AIRCREW READINESS MANAGER (AVIONICS)	AWV-19
AIRCREW ADMINISTRATION	AWV-19
AIRCREW DUTIES	AWV-20
NETWORKING	AWV-20
OPERATIONS PLANNING AND LOGISTICS	AWV-20

NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

NAVAL AIRCREWMEN (AVIONICS) (AWV)

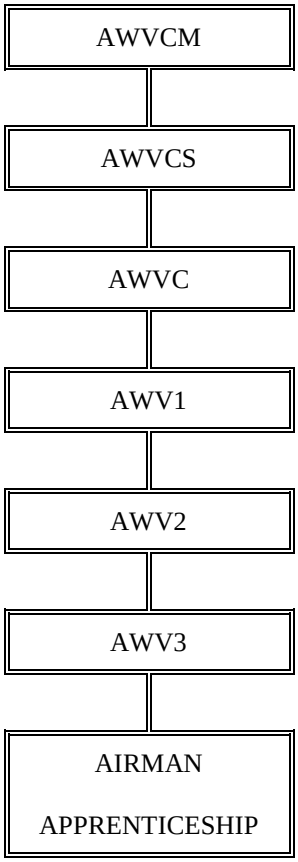
SCOPE OF RATING

Naval Aircrewmen (Avionics) (AWV) are members of a fixed wing integrated tactical aircrew aboard maritime patrol and reconnaissance and command and control aircraft; knowledgeable of all mission and flight avionics systems, safety equipment, emergency procedures and aircraft equipment; perform primary in-flight and ground duties as aircraft In-Flight Technicians and Airborne Communication Technicians who maintain and operate aircraft systems; pilot and maintain Unmanned Aerial Vehicles (UAV); operate aerial photographic equipment; maintain and operate strategic and tactical communications; handle, store and retrieve incoming and outgoing messages; build, configure, deploy, operate and maintain information technology, networks and capabilities; perform network system administration, maintenance, and training; and perform maintenance and aircrew administration, flight and ground training, ordnance handling duties, joint special warfare operations and Communications Material Security (CMS) handling.

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 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 **Job Code**

Airborne Communication Technician 001590

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Installation, Maintenance, and Repair	TBD	AIRBORNE COMMUNICATOR TECH	AIR COMM TECH

Pay Plan	Career Field	Other Relationships and Rules
Enlisted	AWV	NEC G19A, G62A or other NECs as assigned

Job Description

Airborne Communication Technicians are members of fixed wing integrated tactical crews aboard E-6B aircraft; perform duties as in-flight communications system operators; knowledgeable of naval communications procedures and cryptographic materials, aircraft systems, emergency procedures, maintain and operate strategic and tactical communications; handle, store, and retrieve incoming and outgoing messages; build, configure, deploy, operate, and maintain information technology, networks and capabilities; perform network system administration, maintenance, and training, fault isolation and component repair of all mission and flight avionics equipment on E-6B aircraft; contribute to aircrew operations, training, and administration; and attain and maintain the squadron's aircrew qualifications and certifications. Must be eligible for a final Top Secret security clearance, SCI and PRP.

DoD Relationship **O*NET Relationship**

Group Title	*DoD Code*	*Occupation Title*	*SOC Code*	*Job Family*
Air Crew, General	105000	Avionics Technicians	49-2091.00	Installation, Maintenance, and Repair

Skills	Abilities
Operation and Control	*Information Ordering*
Critical Thinking	*Inductive Reasoning*
Coordination	*Written Comprehension*
Management of Material Resources	*Problem Sensitivity*
Monitoring	*Written Expression*
Equipment Maintenance	*Memorization*
Quality Control Analysis	*Oral Expression*
Judgment and Decision Making	*Selective Attention*
Systems Evaluation	*Manual Dexterity*
Management of Personnel Resources	*Deductive Reasoning*

AIRCREW ADMINISTRATION

Paygrade	Task Type	Task Statements
E6	CORE	Administer aircrew training programs
E6	CORE	Analyze monthly training trend reports
E7	CORE	Analyze training and readiness matrix
E5	CORE	Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations
E4	CORE	Consolidate mission data
E5	CORE	Coordinate Naval Aircrew Warfare Specialist (NAWS) program
E5	CORE	Draft administrative briefs
E6	CORE	Draft Emergency Action Plans (EAP)
E5	CORE	Draft flight hour reports
E5	CORE	Draft individual flight time summaries
E5	NON-CORE	Draft tactical memorandums
E5	CORE	Log flight times
E4	CORE	Maintain communications publications
E4	CORE	Maintain Naval Air Training and Operating Procedures Standardization (NATOPS) Publications

AIRCREW ADMINISTRATION (CONT'D)

Paygrade	Task Type	Task Statements
E5	CORE	Maintain Naval Air Training and Operating Procedures Standardization (NATOPS) training jackets
E4	CORE	Maintain tactical publications library
E5	CORE	Maintain training and readiness database
E5	CORE	Manage aircrew flight database entries
E5	CORE	Manage aircrew training plans
E6	CORE	Manage Crew Resource Management (CRM) programs
E7	NON-CORE	Manage fleet acquisition programs
E6	CORE	Manage Key Management Infrastructure (KMI) program
E7	CORE	Manage Personnel Reliability Programs (PRP)
E5	CORE	Prepare monthly training trend reports

AIRCREW DUTIES

Paygrade	Task Type	Task Statements
E5	CORE	Assign ditching stations
E4	CORE	Conduct warfare exercises
E4	CORE	Draft mission logs
E4	CORE	Evaluate avionics performance
E4	CORE	Inspect Aviation Life Support Systems (ALSS) equipment
E5	CORE	Instruct passengers on safety procedures
E4	CORE	Inventory Information Systems (IS) assets
E4	CORE	Maintain mission systems
E4	CORE	Maintain small arms
E4	CORE	Monitor Crew Resource Management (CRM)
E4	CORE	Operate aircraft safety and emergency equipment
E4	CORE	Operate Support Equipment (SE)
E4	CORE	Perform aircraft emergency procedures
E4	CORE	Perform aircraft ground handling operations
E4	CORE	Perform aircraft post-flight inspection
E4	CORE	Perform aircraft pre-flight inspection
E4	CORE	Perform aircraft security
E4	CORE	Perform Communication Security (COMSEC) procedures
E4	CORE	Perform first aid
E4	CORE	Perform land and sea survival techniques
E4	CORE	Process Emergency Action Messages (EAM)
E4	CORE	Report in-flight status

COMMUNICATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Configure cryptographic equipment
E4	CORE	Configure external electronic loading devices

COMMUNICATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E5	CORE	Configure progressive conferences
E5	NON-CORE	Direct Emergency Action Message (EAM) transmissions
E4	CORE	Maintain data circuits
E4	CORE	Maintain voice circuits
E4	CORE	Manage access to Crypto Net
E6	CORE	Manage electronic spillage
E4	CORE	Monitor broadcast channels
E4	CORE	Operate data circuits
E4	CORE	Operate data link systems
E4	CORE	Operate Internal Communication Systems (ICS)
E4	CORE	Operate Satellite Communication (SATCOM) systems
E4	CORE	Operate voice circuits
E4	CORE	Process naval messages in-flight
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

MAINTENANCE

Paygrade	Task Type	Task Statements
E5	CORE	Audit Naval Aviation Maintenance Programs (NAMP)
E7	CORE	Certify aircraft records
E4	CORE	Conduct aircraft towing operations
E4	NON-CORE	Control environmental control systems
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 data link systems
E4	CORE	Maintain fiber optic systems
E4	CORE	Maintain Internal Communication Systems (ICS)
E4	CORE	Maintain navigation systems
E4	CORE	Maintain Satellite Communication (SATCOM) systems
E4	CORE	Maintain wiring and connectors
E4	CORE	Maintain workstation application software
E6	CORE	Manage Naval Aviation Maintenance Programs (NAMP)
E5	CORE	Monitor Naval Aviation Maintenance Programs (NAMP)
E4	CORE	Operate test equipment
E4	CORE	Perform aircraft servicing
E5	CORE	Perform Quality Assurance (QA) inspections

MAINTENANCE (CONT'D)

Paygrade	Task Type	Task Statements
E7	CORE	Release aircraft safe for flight
E4	CORE	Review aircraft records
E5	CORE	Supervise aircraft repairs
E5	CORE	Supervise ground handling operations
E4	CORE	Supervise Support Equipment (SE) operations
E4	CORE	Troubleshoot communication systems

MISSION SYSTEMS

Paygrade	Task Type	Task Statements
E4	NON-CORE	Analyze effects of Electro Magnetic 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	Operate aircraft electrical systems
E4	NON-CORE	Operate aircraft radar systems
E4	CORE	Operate data processing system and software
E4	CORE	Operate mission systems with nuclear critical components onboard
E4	CORE	Operate radio systems
E4	CORE	Operate Secure Telephone Equipment (STE)

NETWORKING

Paygrade	Task Type	Task Statements
E4	CORE	Configure network hardware
E4	CORE	Configure network software
E4	CORE	Configure Voice over Internet Protocol (VoIP)
E4	CORE	Configure workstation network connectivity
E4	CORE	Inspect network components
E4	CORE	Install network components
E4	CORE	Load aircraft software
E4	CORE	Maintain data processing systems
E4	CORE	Maintain network cables
E4	CORE	Maintain onboard Local Area Network (LAN) systems
E7	CORE	Manage Information Systems Security (ISS) programs
E7	CORE	Manage network policies
E4	CORE	Manage onboard Local Area Network (LAN) systems
E4	CORE	Monitor network connectivity
E4	CORE	Operate network equipment
E5	CORE	Perform system administrator functions
E4	NON-CORE	Perform virus scans
E4	CORE	Repair Local Area Network (LAN) systems
E4	CORE	Repair workstation network connectivity

OPERATIONS PLANNING AND LOGISTICS

Paygrade	Task Type	Task Statements
E7	NON-CORE	Analyze emerging technology to meet fleet training requirements
E5	CORE	Brief tactical missions
E7	CORE	Coordinate exercises
E5	CORE	Coordinate logistics
E4	CORE	Coordinate mission requirements with battle staff and flight deck
E7	CORE	Coordinate missions
E5	NON-CORE	Coordinate Operating Area (OPAREA) schedules with external agencies
E7	NON-CORE	Coordinate weapons systems design with contract engineers
E4	CORE	Draft logistics requests
E5	CORE	Draft mission capability briefs
E5	CORE	Draft operational reports
E5	CORE	Manage operation assets
E4	CORE	Perform logistics operations
E5	CORE	Prepare aircrew mission briefs
E5	CORE	Prepare flight schedules

Job Title

In-flight Technician

Job Code

001610

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Installation, Maintenance, and Repair	TBD	IN-FLIGHT TECHNICIAN	NAC INFLT TECH

Pay Plan	Career Field	Other Relationships and Rules
Enlisted	AWV	NEC G32A, G33A or other NECs as assigned

Job Description

In-flight Technicians are members of fixed wing integrated tactical crews aboard maritime patrol aircraft; perform in-flight duties of fault isolation and component repair of all avionics equipment; conduct in-flight duties as aerial cameramen and flight crew ordnancemen; knowledgeable of aircraft avionics systems, maintain and operate network systems and cryptographic materials, ordnance systems, weapons loading, optical equipment, maintain electro optical and infrared (EO/IR) systems, aircraft equipment, emergency procedures, and flight procedures; perform aircrew duties that contribute to aircrew operations, training, and administration; and attain and maintain the squadron's aircrew qualifications and certifications. Must be eligible for a final Top Secret SCI security clearance.

DoD Relationship

Group Title	*DoD Code*
Air Crew, General	105000

O*NET Relationship

Occupation Title	*SOC Code*	*Job Family*
Avionics Technicians	49-2091.00	Installation, Maintenance, and Repair

Skills	Abilities
Operation and Control	*Written Comprehension*
Critical Thinking	*Information Ordering*
Monitoring	*Inductive Reasoning*
Coordination	*Problem Sensitivity*
Equipment Maintenance	*Memorization*
Management of Material Resources	*Selective Attention*
Quality Control Analysis	*Written Expression*
Systems Evaluation	*Oral Expression*
Judgment and Decision Making	*Finger Dexterity*
Equipment Selection	*Manual Dexterity*

AIRCREW ADMINISTRATION

Paygrade	Task Type	Task Statements
E6	CORE	Administer aircrew training programs
E5	CORE	Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations
E5	CORE	Coordinate Naval Aircrew Warfare Specialist (NAWS) program
E5	CORE	Draft flight hour reports
E5	CORE	Draft individual flight time summaries
E5	CORE	Log flight times
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
E4	CORE	Maintain tactical publications library
E5	CORE	Maintain training and readiness database
E5	CORE	Manage aircrew flight database entries
E5	CORE	Manage aircrew training plans
E6	CORE	Manage Crew Resource Management (CRM) programs
E7	NON-CORE	Manage fleet acquisition programs
E5	CORE	Prepare monthly training trend reports

AIRCREW DUTIES

Paygrade	Task Type	Task Statements
E5	CORE	Assign ditching stations
E4	NON-CORE	Conduct armament/ordnance arming/safeing
E4	CORE	Evaluate avionics performance
E4	CORE	Inspect Aviation Life Support Systems (ALSS) equipment
E5	CORE	Instruct passengers on safety procedures
E4	CORE	Inventory Information Systems (IS) assets
E4	CORE	Maintain mission systems
E4	CORE	Maintain small arms
E4	CORE	Monitor Crew Resource Management (CRM)
E4	CORE	Operate aircraft fuel systems
E4	CORE	Operate aircraft safety and emergency equipment
E4	NON-CORE	Operate Auxiliary Power Units (APU)
E4	CORE	Operate Support Equipment (SE)
E4	CORE	Perform aircraft emergency procedures
E4	CORE	Perform aircraft ground handling operations
E4	CORE	Perform aircraft post-flight inspection
E4	CORE	Perform aircraft pre-flight inspection
E4	CORE	Perform aircraft security
E4	CORE	Perform Communication Security (COMSEC) procedures
E4	CORE	Perform first aid
E4	CORE	Perform land and sea survival techniques
E4	NON-CORE	Perform ordnance checks
E4	NON-CORE	Perform ordnance inventories
E4	CORE	Report in-flight status
E4	NON-CORE	Report visual contacts

COMMUNICATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Configure cryptographic equipment
E4	CORE	Configure external electronic loading devices
E4	CORE	Maintain data circuits
E4	CORE	Maintain voice circuits
E4	CORE	Manage access to Crypto Net
E6	CORE	Manage electronic spillage
E4	CORE	Monitor broadcast channels
E4	CORE	Operate data circuits
E4	CORE	Operate data link systems
E4	CORE	Operate Internal Communication Systems (ICS)
E4	CORE	Operate Satellite Communication (SATCOM) systems
E4	CORE	Operate voice circuits

COMMUNICATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Set Emission Control (EMCON) conditions
E5	CORE	Supervise communications positions
E4	CORE	Test communication circuits

MAINTENANCE

Paygrade	Task Type	Task Statements
E5	CORE	Audit Naval Aviation Maintenance Programs (NAMP)
E7	CORE	Certify aircraft records
E4	CORE	Conduct aircraft towing operations
E4	NON-CORE	Control aircraft hydraulic systems
E4	NON-CORE	Control environmental control systems
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 data link systems
E4	NON-CORE	Maintain Electro-Optical and Infrared (EO/IR) systems
E4	CORE	Maintain fiber optic systems
E4	CORE	Maintain Internal Communication Systems (ICS)
E4	CORE	Maintain navigation systems
E4	CORE	Maintain Satellite Communication (SATCOM) systems
E4	NON-CORE	Maintain Specific Emitter Identification (SEI) and tracking
E4	NON-CORE	Maintain weapons and ordnance systems
E4	CORE	Maintain wiring and connectors
E4	CORE	Maintain workstation application software
E6	CORE	Manage Naval Aviation Maintenance Programs (NAMP)
E5	CORE	Monitor Naval Aviation Maintenance Programs (NAMP)
E4	CORE	Operate test equipment
E4	CORE	Perform aircraft servicing
E5	CORE	Perform Quality Assurance (QA) inspections
E7	CORE	Release aircraft safe for flight
E4	CORE	Review aircraft records
E5	CORE	Supervise aircraft repairs
E5	CORE	Supervise ground handling operations
E4	CORE	Supervise Support Equipment (SE) operations
E4	CORE	Troubleshoot communication systems

MISSION SYSTEMS

Paygrade	Task Type	Task Statements
E4	CORE	Initialize Global Positioning Satellite (GPS) equipment
E4	CORE	Initialize Inertial Navigation Systems (INS)

MISSION SYSTEMS (CONT'D)

Paygrade	Task Type	Task Statements
E4	NON-CORE	Inspect photographic equipment
E4	CORE	Load mission software
E4	NON-CORE	Load search stores
E4	CORE	Operate aircraft electrical systems
E4	NON-CORE	Operate aircraft radar systems
E4	CORE	Operate data processing system and software
E4	NON-CORE	Operate photographic equipment
E4	CORE	Operate radio systems
E4	CORE	Operate Secure Telephone Equipment (STE)

NETWORKING

Paygrade	Task Type	Task Statements
E4	CORE	Configure network hardware
E4	CORE	Configure network software
E4	CORE	Configure Voice over Internet Protocol (VoIP)
E4	CORE	Configure workstation network connectivity
E4	CORE	Inspect network components
E4	CORE	Install network components
E4	CORE	Load aircraft software
E4	CORE	Maintain data processing systems
E4	CORE	Maintain network cables
E4	CORE	Maintain onboard Local Area Network (LAN) systems
E4	CORE	Manage onboard Local Area Network (LAN) systems
E4	CORE	Monitor network connectivity
E4	CORE	Operate network equipment
E5	CORE	Perform system administrator functions
E4	CORE	Repair Local Area Network (LAN) systems
E4	CORE	Repair workstation network connectivity

OPERATIONS PLANNING AND LOGISTICS

Paygrade	Task Type	Task Statements
E7	NON-CORE	Analyze emerging technology to meet fleet training requirements
E7	NON-CORE	Coordinate weapons systems design with contract engineers
E5	NON-CORE	Draft country clearance messages
E4	CORE	Draft logistics requests
E5	CORE	Draft mission capability briefs
E5	CORE	Draft operational reports
E5	CORE	Manage operation assets
E4	CORE	Perform logistics operations
E5	CORE	Prepare aircrew mission briefs
E5	CORE	Prepare flight schedules

UNMANNED AERIAL VEHICLE (UAV) OPERATIONS

Paygrade	Task Type	Task Statements
E4	NON-CORE	Inspect Unmanned Aerial Vehicle (UAV) ordnance equipment
E4	NON-CORE	Inspect Unmanned Aerial Vehicle (UAV) ordnance loads

Job Title **Job Code**

Unmanned Aerial Vehicle (UAV) Pilot/Maintainer 002672

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Transportation and Material Moving	TBD	UAV PILOT/MAINTAINER	NAC UAV P-MNT

Pay Plan	Career Field	Other Relationships and Rules
Enlisted	AWV	NEC 700A, 701A, 702A, 776A, G30A, G31A and other NECs as assigned

Job Description

Unmanned Aerial Vehicle (UAV) Pilots and Maintainers serve as external pilots and directly control the flight of the UAVs during launch and recovery operations by visual reference to the UAV; UAV internal pilots operate and navigate UAVs during the enroute, mission, and return phases of flight; perform organizational level maintenance on UAV systems and support equipment; operate and maintain electro-optical and infrared (EO/IR) targeting system are knowledgeable in meteorology, aerodynamics, power plants, radios, and air traffic control; and perform basic and advanced flight operations.

DoD Relationship		O*NET Relationship		
Group Title	*DoD Code*	*Occupation Title*	*SOC Code*	*Job Family*
Aircraft, General	160000	Airline Pilots, Copilots, and Flight Engineers	53-2011.00	Transportation and Material Moving

Skills	Abilities
Operation and Control	*Information Ordering*
Critical Thinking	*Written Comprehension*
Equipment Maintenance	*Inductive Reasoning*
Monitoring	*Problem Sensitivity*
Coordination	*Written Expression*
Quality Control Analysis	*Memorization*
Operation Monitoring	*Oral Expression*
Writing	*Selective Attention*
Management of Material Resources	*Deductive Reasoning*
Management of Personnel Resources	*Finger Dexterity*

AIRCREW ADMINISTRATION

Paygrade	Task Type	Task Statements
E6	CORE	Administer aircrew training programs
E5	CORE	Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations
E4	CORE	Consolidate mission data
E5	CORE	Draft administrative briefs
E5	CORE	Draft flight hour reports
E5	CORE	Draft individual flight time summaries
E5	NON-CORE	Draft tactical memorandums
E5	CORE	Log flight times
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
E4	CORE	Maintain tactical publications library
E5	CORE	Maintain training and readiness database
E5	CORE	Manage aircrew flight database entries
E5	CORE	Manage aircrew training plans
E6	CORE	Manage Crew Resource Management (CRM) programs
E7	NON-CORE	Manage fleet acquisition programs

AIRCREW ADMINISTRATION (CONT'D)

Paygrade	Task Type	Task Statements
E5	CORE	Prepare monthly training trend reports

AIRCREW DUTIES

Paygrade	Task Type	Task Statements
E4	NON-CORE	Conduct armament/ordnance arming/safeing
E4	CORE	Conduct warfare exercises
E4	CORE	Draft mission logs
E4	CORE	Evaluate avionics performance
E4	CORE	Maintain mission systems
E4	CORE	Monitor Crew Resource Management (CRM)
E4	CORE	Operate aircraft fuel systems
E4	CORE	Operate Support Equipment (SE)
E4	CORE	Perform aircraft emergency procedures
E4	CORE	Perform aircraft ground handling operations
E4	CORE	Perform aircraft post-flight inspection
E4	CORE	Perform aircraft pre-flight inspection
E4	CORE	Perform aircraft security
E4	CORE	Perform first aid
E4	NON-CORE	Perform ordnance checks
E4	CORE	Report in-flight status

COMMUNICATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Configure external electronic loading devices
E4	CORE	Manage access to Crypto Net
E4	CORE	Operate data circuits
E4	CORE	Operate data link systems
E4	CORE	Operate Satellite Communication (SATCOM) systems
E4	CORE	Operate voice circuits

MAINTENANCE

Paygrade	Task Type	Task Statements
E5	CORE	Audit Naval Aviation Maintenance Programs (NAMP)
E7	CORE	Certify aircraft records
E4	CORE	Conduct aircraft towing operations
E4	NON-CORE	Control aircraft hydraulic systems
E4	CORE	Document aircraft discrepancies
E4	CORE	Maintain aircraft avionics systems
E4	CORE	Maintain data link systems
E4	NON-CORE	Maintain Electro-Optical and Infrared (EO/IR) systems
E4	CORE	Maintain fiber optic systems
E4	CORE	Maintain navigation systems

MAINTENANCE (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Maintain Satellite Communication (SATCOM) systems
E4	NON-CORE	Maintain weapons and ordnance systems
E4	CORE	Maintain wiring and connectors
E4	CORE	Maintain workstation application software
E6	CORE	Manage Naval Aviation Maintenance Programs (NAMP)
E5	CORE	Monitor Naval Aviation Maintenance Programs (NAMP)
E4	CORE	Operate test equipment
E4	CORE	Perform aircraft servicing
E7	CORE	Release aircraft safe for flight
E4	CORE	Review aircraft records
E5	CORE	Supervise ground handling operations
E4	CORE	Supervise Support Equipment (SE) operations

MISSION SYSTEMS

Paygrade	Task Type	Task Statements
E4	CORE	Initialize Global Positioning Satellite (GPS) equipment
E4	CORE	Initialize Inertial Navigation Systems (INS)
E4	NON-CORE	Inspect photographic equipment
E4	NON-CORE	Operate photographic equipment
E4	CORE	Operate radio systems

NETWORKING

Paygrade	Task Type	Task Statements
E4	CORE	Maintain data processing systems
E4	CORE	Maintain network cables
E7	CORE	Manage Information Systems Security (ISS) programs
E4	CORE	Monitor network connectivity
E4	CORE	Repair workstation network connectivity

OPERATIONS PLANNING AND LOGISTICS

Paygrade	Task Type	Task Statements
E7	NON-CORE	Coordinate weapons systems design with contract engineers
E5	NON-CORE	Draft country clearance messages
E4	CORE	Draft logistics requests
E5	CORE	Draft mission capability briefs
E5	CORE	Draft operational reports
E4	CORE	Perform logistics operations
E7	NON-CORE	Plan Naval Special Warfare (NSW) operations
E5	CORE	Prepare aircrew mission briefs
E5	CORE	Prepare flight schedules
E5	NON-CORE	Control Unmanned Aerial Vehicle (UAV) fuel systems
E5	NON-CORE	Control Unmanned Aerial Vehicle (UAV) radar systems

UNMANNED AERIAL VEHICLE (UAV) OPERATIONS

Paygrade	Task Type	Task Statements
E4	NON-CORE	Inspect Unmanned Aerial Vehicle (UAV) ordnance equipment
E4	NON-CORE	Inspect Unmanned Aerial Vehicle (UAV) ordnance loads
E5	NON-CORE	Operate Unmanned Aerial Vehicle (UAV) electrical 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) maintenance
E5	NON-CORE	Perform Unmanned Aerial Vehicle (UAV) pre and post-flight inspections
E5	NON-CORE	Pilot Unmanned Aerial Vehicles (UAV)
E5	NON-CORE	Position Unmanned Aerial Vehicle (UAV) camera systems

Job Title **Job Code**

Aircrew Readiness Manager (Avionics) 002745

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Transportation and Material Moving	TBD	ACREW READINESS MGR AVIONICS	ARM (AVIONICS)

Pay Plan	Career Field	Other Relationships and Rules
Enlisted	AWV	NEC GXXX series and other NECs as assigned

Job Description

Aircrew Readiness Managers (Avionics) are crucial and integral members of staffs, operational commands, and squadrons; coordinate the operational, administrative, and aircrew scheduling functions for the organization; administer and manage training programs and resources for naval aircrew; manage standardization of aircrew training programs to enhance proficiency and readiness, and coordinate all aspects of aircrew training to meet the rigorous demands of operational commitments worldwide; administer and direct the Naval Air Training and Operating Procedures Standardization (NATOPS) and Search And Rescue (SAR) programs; administer and direct tactics, training and readiness, ordnance and weapons, and aircrew training. As program managers, they analyze training resource requirements, review and approve contract options for new training devices and programs, develop and revise curriculum, incorporate and initiate new aircrew training programs, manage student quotas, qualifications and certifications, and coordinate aircrew physical fitness and health program initiatives.

DoD Relationship		O*NET Relationship		
Group Title	*DoD Code*	*Occupation Title*	*SOC Code*	*Job Family*
Air Crew, General	105000	Aircraft Cargo Handling Supervisors	53-1011.00	Transportation and Material Moving

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

AIRCREW ADMINISTRATION

Paygrade	Task Type	Task Statements
E6	CORE	Administer aircrew training programs
E6	CORE	Analyze monthly training trend reports
E7	CORE	Analyze training and readiness matrix
E7	CORE	Conduct Flight Order Audit Boards (FOAB) reviews
E5	CORE	Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations
E5	CORE	Draft administrative briefs
E6	CORE	Draft Emergency Action Plans (EAP)
E5	CORE	Draft flight hour reports
E5	CORE	Draft individual flight time summaries
E5	NON-CORE	Draft tactical memorandums
E5	CORE	Maintain training and readiness database
E5	CORE	Manage aircrew flight database entries
E7	CORE	Manage aircrew readiness
E5	CORE	Manage aircrew training plans
E6	CORE	Manage Crew Resource Management (CRM) programs

AIRCREW ADMINISTRATION (CONT'D)

Paygrade	Task Type	Task Statements
E7	NON-CORE	Manage fleet acquisition programs
E7	CORE	Manage Naval Aircrew Warfare Specialist (NAWS) program
E7	NON-CORE	Manage temporary flight orders
E5	CORE	Prepare monthly training trend reports

AIRCREW DUTIES

Paygrade	Task Type	Task Statements
E4	CORE	Conduct warfare exercises
E4	CORE	Perform first aid

NETWORKING

Paygrade	Task Type	Task Statements
E7	CORE	Manage Information Security (INFOSEC) programs
E7	CORE	Manage Information Systems Security (ISS) programs

OPERATIONS PLANNING AND LOGISTICS

Paygrade	Task Type	Task Statements
E7	NON-CORE	Analyze emerging technology to meet fleet training requirements
E7	CORE	Coordinate aircraft availability for long and short range planning
E7	CORE	Coordinate exercises
E5	CORE	Coordinate logistics
E7	CORE	Coordinate missions
E7	NON-CORE	Coordinate weapons systems design with contract engineers
E4	CORE	Draft logistics requests
E5	CORE	Draft mission capability briefs
E7	CORE	Manage aircraft assignments
E7	CORE	Manage aircrew operations
E6	CORE	Plan logistics operations
E7	NON-CORE	Plan Naval Special Warfare (NSW) operations
E7	CORE	Plan strategic operations
E5	CORE	Prepare aircrew mission briefs
E7	NON-CORE	Submit logistics requests