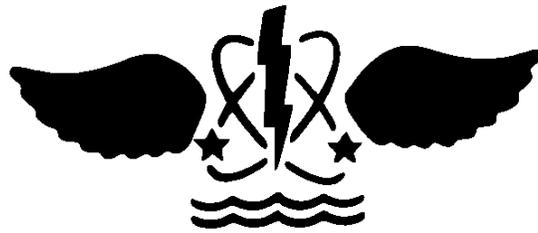


CHAPTER 12



NAVAL AIRCREWMEN (AW)

NAVPERS 18068-12H
CH-63

Updated: July 2015

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NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

NAVAL AIRCREWMEN (AVIONICS) (AWV)

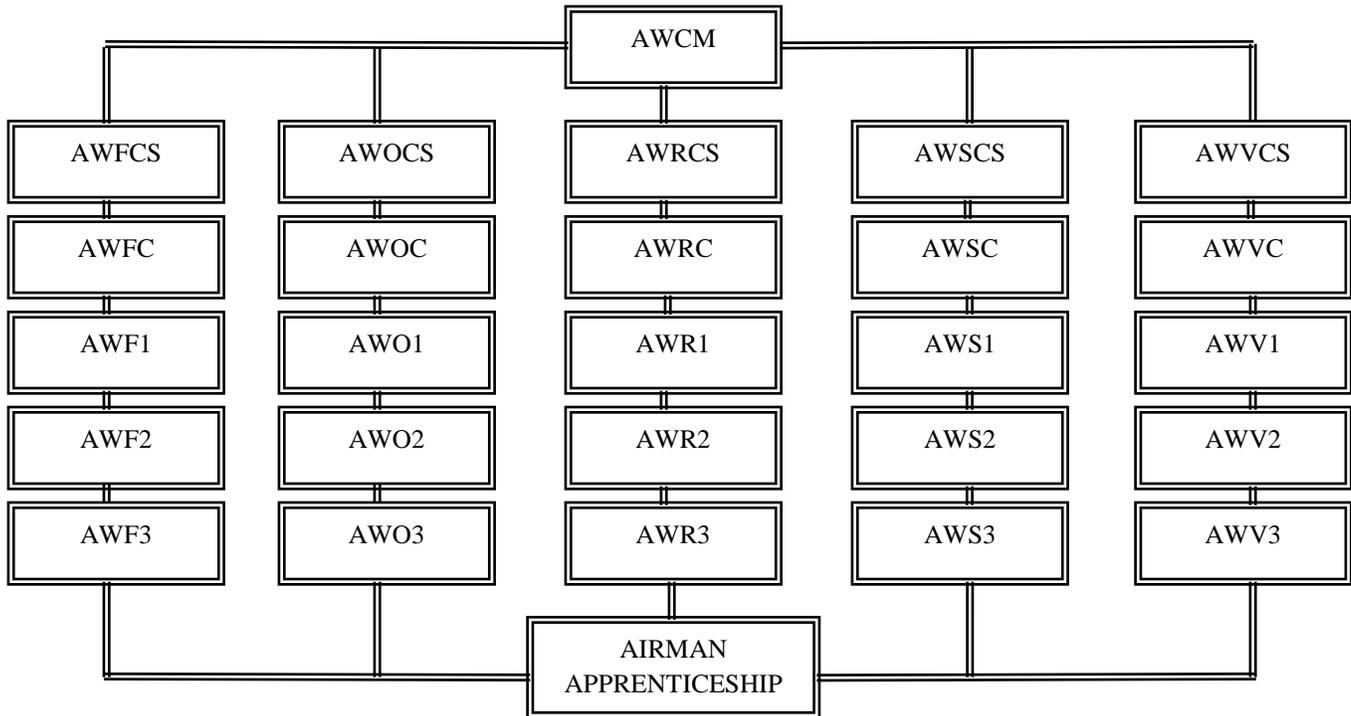


SCOPE OF RATING

Naval Aircrewmens (Avionics) (AWV) are members of a fixed wing integrated tactical aircrew aboard maritime patrol and reconnaissance and command and control aircraft; knowledgeable of all avionics systems, safety equipment, emergency procedures, and aircraft equipment; perform primary in-flight and ground duties as aircraft In-Flight Technicians, Electronic Intelligence (ELINT) specialists, and Airborne Communication Technician who maintain and operate aircraft systems; pilot and maintain Unmanned Aerial Vehicles (UAV); operate aerial photographic equipment; maintain and operate network systems; 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**Airborne Communication Technician****Job Code****001590****Job Family**

Arts, Design, Entertainment, Sports, and Media

NOC

TBD

Short Title (30 Characters)

AIRBORNE COMMUNICATOR TECH

Short Title (14 Characters)

AIR COMM TECH

Pay Plan

Enlisted

Career Field

AWV

Other Relationships and Rules

8229

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 network systems, fault isolation and component repair of all avionics equipment and in-flight 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 eligible.

DoD Relationship**Group Title**

Air Crew, General

DoD Code

105000

O*NET Relationship**Occupation Title**

Radio Operators

SOC Code

27-4013.00

Job Family

Arts, Design, Entertainment, Sports, and Media

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

E5

CORE

Analyze tactical mission data

E7

NON-CORE

Coordinate weapons systems design with contract engineers

E4

CORE

Destroy messages

E5

CORE

Draft administrative briefs

E4

NON-CORE

Draft Emergency Action Messages (EAM)

E4

CORE

Draft individual flight time summaries

E4

CORE

Draft tactical memorandums

E4

CORE

Log flight times

E4

CORE

Maintain communications publications

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

CORE

Maintain Personnel Reliability Program (PRP) records

E4

CORE

Maintain tactical publications library

E5

CORE

Manage aircrew flight database entries

E7	NON-CORE	Manage fleet acquisition programs
E4	CORE	Safeguard Communications Security (COMSEC) classified materials
E4	CORE	Transfer Communications Security (COMSEC) materials

AIRCREW DUTIES

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Assign ditching stations
E4	CORE	Evaluate avionics performance
E4	CORE	Inspect Aviation Life Support Systems (ALSS) equipment
E4	CORE	Inspect Search and Rescue (SAR) equipment
E4	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	Operate aircraft fuel systems
E4	CORE	Operate aircraft safety and emergency equipment
E4	CORE	Operate mission systems with nuclear critical components onboard
E4	CORE	Operate Support Equipment (SE)
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 security
E4	NON-CORE	Perform Cardio-Pulmonary Resuscitation (CPR) with Automated External Defibrillator (AED)
E4	NON-CORE	Perform first aid.
E4	CORE	Perform long cord procedures
E4	CORE	Perform Search and Rescue (SAR) procedures
E4	CORE	Report in-flight status
E4	CORE	Safeguard classified materials

AIRCREW TRAINING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Administer aircrew training programs
E5	CORE	Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations
E4	CORE	Conduct warfare exercises
E5	CORE	Maintain training and readiness database
E5	CORE	Manage aircrew training plans
E5	CORE	Manage Crew Resource Management (CRM) programs
E4	CORE	Perform land and sea survival techniques
E5	CORE	Prepare monthly training trend reports

COMMUNICATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Configure cryptographic equipment
E5	NON-CORE	Configure progressive conferences
E5	NON-CORE	Direct Emergency Action Message (EAM) transmissions
E4	NON-CORE	Download naval messages in-flight
E4	CORE	Manage access to Crypto Net
E6	CORE	Manage electronic spillage
E4	CORE	Monitor broadcast channels
E4	CORE	Monitor Crew Resource Management (CRM)
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
E5	CORE	Prepare Satellite Access Requests (SAR)
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	NON-CORE	Supervise communications positions

MAINTENANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Audit Naval Aviation Maintenance Programs (NAMP)
E7	CORE	Certify aircraft records
E4	CORE	Conduct aircraft towing operations
E4	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
E5	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

E5	CORE	Review aircraft records
E5	CORE	Supervise aircraft repairs
E4	CORE	Supervise ground handling operations
E4	CORE	Supervise Support Equipment (SE) operations
E4	CORE	Troubleshoot message system with distant-end

MISSION SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Acquire signals for recording
E4	CORE	Analyze effects of Electro Magnetic Pulse (EMP) on communications equipment
E4	CORE	Configure external peripherals
E4	CORE	Initialize Global Positioning Satellite (GPS) equipment
E4	CORE	Initialize Inertial Navigation Systems (INS)
E4	CORE	Load mission software
E6	CORE	Manage operation assets
E4	CORE	Operate aircraft electrical systems
E4	CORE	Operate aircraft radar systems
E4	CORE	Operate data processing system and software
E4	CORE	Operate network equipment
E4	CORE	Operate radio systems
E4	CORE	Operate Secure Telephone Equipment (STE)
E4	CORE	Perform audio/video recording procedures

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 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
E5	CORE	Manage Information Systems Security (ISS) programs
E4	CORE	Manage onboard Local Area Network (LAN) systems
E4	CORE	Monitor network connectivity
E4	CORE	Perform system administrator functions
E4	CORE	Perform virus scans
E4	CORE	Repair Local Area Network (LAN) systems
E4	CORE	Repair workstation network connectivity

OPERATIONS PLANNING AND LOGISTICS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Coordinate mission requirements with battle staff and flight deck
E5	CORE	Draft country clearance messages
E5	CORE	Draft flight hour reports
E4	CORE	Draft logistics requests
E5	CORE	Draft mission capability briefs
E4	CORE	Draft mission summary logs
E6	CORE	Draft operational reports
E4	CORE	Install logistics equipment
E4	CORE	Perform logistics operations
E5	CORE	Prepare aircrew mission briefs
E5	CORE	Prepare flight schedules

UNMANNED AERIAL VEHICLE (UAV) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Brief tactical missions

Job Title**Airborne Electronic Intelligence Specialist****Job Code****001600****Job Family**

Military Specific

NOC

TBD

Short Title (30 Characters)

AIRBORNE ELECT INTELL SPEC

Short Title (14 Characters)

NAC AIRELX SPC

Pay Plan

Enlisted

Career Field

AWV

Other Relationships and Rules

NECs may include 9401

Job Description

Airborne Electronic Intelligence Specialists are members of fixed wing integrated tactical crews aboard maritime patrol aircraft; detect, analyze, classify, and collect airborne, surface, and subsurface contacts electronically; operate electronic warfare systems, such as: radar, Electronic Support Measures (ESM), and Identification Friend or Foe/Selective Identification Feature (IFF/SIF); and operate Electro-Optical and Infrared (EO/IR) targeting system; perform duties that contribute directly to aircrew operations, training, and administration; coordinate with surface, ground and air assets; and attain and maintain the squadron's aircrew qualifications and certifications. Must be eligible for a final Top Secret security clearance and SCI eligible.

DoD Relationship**Group Title**

Electronic Countermeasures 123300

DoD Code**O*NET Relationship****Occupation Title**

Military Enlisted Tactical Operations
And Air/Weapons Specialists and
Crew Members, All Others

SOC Code

55-3019.00

Job Family

Military Specific

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

E5

Task Type

CORE

Task Statements

Analyze tactical mission data

E7

NON-CORE

Coordinate weapons systems design with contract engineers

E4

CORE

Destroy messages

E5

CORE

Draft administrative briefs

E4

CORE

Draft individual flight time summaries

E4

CORE

Log flight times

E4

CORE

Maintain communications publications

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

Manage aircrew flight database entries

E7

NON-CORE

Manage fleet acquisition programs

E4

CORE

Safeguard Communications Security (COMSEC) classified materials

E4

CORE

Transfer Communications Security (COMSEC) materials

AIRCREW DUTIES

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Assign ditching stations
E4	CORE	Conduct Functional Check Flight (FCF)
E4	CORE	Evaluate avionics performance
E4	CORE	Inspect Aviation Life Support Systems (ALSS) equipment
E4	CORE	Inspect Search and Rescue (SAR) equipment
E4	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	Operate aircraft fuel systems
E4	CORE	Operate aircraft safety and emergency equipment
E4	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 pre-flight and post-flight inspections
E4	CORE	Perform aircraft security
E4	NON-CORE	Perform Cardio-Pulmonary Resuscitation (CPR) with Automated External Defibrillator (AED)
E4	NON-CORE	Perform first aid.
E4	CORE	Perform Search and Rescue (SAR) procedures
E4	CORE	Report in-flight status
E4	CORE	Report visual contacts
E4	CORE	Safeguard classified materials

AIRCREW TRAINING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Administer aircrew training programs
E5	CORE	Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations
E4	CORE	Conduct warfare exercises
E5	CORE	Maintain training and readiness database
E5	CORE	Manage aircrew training plans
E5	CORE	Manage Crew Resource Management (CRM) programs
E4	CORE	Perform land and sea survival techniques
E5	CORE	Prepare monthly training trend reports

COMMUNICATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Configure progressive conferences
E6	CORE	Manage electronic spillage
E4	CORE	Monitor broadcast channels

E4	CORE	Monitor Crew Resource Management (CRM)
E4	CORE	Operate data circuits
E4	CORE	Operate Internal Communication Systems (ICS)

MAINTENANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Conduct aircraft towing operations
E4	CORE	Control aircraft hydraulic systems
E4	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 data link systems
E4	CORE	Maintain Electro-Optical and Infrared (EO/IR) systems
E4	CORE	Maintain Internal Communication Systems (ICS)
E4	CORE	Maintain navigation systems
E4	CORE	Maintain Satellite Communication (SATCOM) systems
E4	CORE	Maintain Specific Emitter Identification (SEI) and tracking
E4	CORE	Maintain workstation application software
E4	CORE	Perform aircraft servicing
E7	CORE	Release aircraft safe for flight
E5	CORE	Review aircraft records
E4	CORE	Supervise ground handling operations
E4	CORE	Supervise Support Equipment (SE) operations

MISSION SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Acquire signals for recording
E4	CORE	Analyze electronic warfare contacts
E4	CORE	Conduct Identify Friend or Foe (IFF) interrogations
E4	CORE	Conduct Over-The-Horizon Targeting (OTHT)
E4	CORE	Conduct Specific Emitter Identification (SEI)
E4	CORE	Conduct tactical airborne radar operations
E4	CORE	Configure countermeasure systems
E4	CORE	Configure external peripherals
E4	CORE	Coordinate positional signal detections
E4	CORE	Interpret Selective Identification Feature (SIF) video
E4	CORE	Load mission software
E4	CORE	Load wideband recorders
E4	CORE	Operate aircraft electrical systems
E4	CORE	Operate aircraft radar systems
E4	CORE	Operate data processing system and software
E4	CORE	Operate Electro-Optical and Infrared (EO/IR) equipment

E4	CORE	Operate network equipment
E4	CORE	Operate radio systems
E4	CORE	Perform audio/video recording procedures

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 workstation network connectivity
E4	CORE	Inspect network components
E4	CORE	Install network components
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	Perform system administrator functions
E4	CORE	Perform virus scans
E4	CORE	Repair workstation network connectivity

OPERATIONS PLANNING AND LOGISTICS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Draft country clearance messages
E5	CORE	Draft flight hour reports
E4	CORE	Draft logistics requests
E5	CORE	Draft mission capability briefs
E4	CORE	Draft mission summary logs
E6	CORE	Draft operational reports
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
 Installation, Maintenance, and Repair

NOC
 TBD

Short Title (30 Characters)
 IN-FLIGHT TECHNICIAN

Short Title (14 Characters)
 NAC INFLT TECH

Pay Plan **Career Field**
 Enlisted AWW

Other Relationships and Rules
 NECs may include 8229, 9401, and 9402

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, Cryptographic Materials, and Flight Crew Ordnancemen; knowledgeable of aircraft avionics systems, maintain and operate network systems, maintain mobile tactical equipment for Tactical Operations Center /Maritime Tactical Operations Center (TOC/MTOC), coordinate aircrew with (TOC/MTOC) centers, ordnance systems, weapons loading, optical equipment, maintain and operate 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 security clearance, SCI and PRP eligible.

DoD Relationship

O*NET Relationship

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

Skills

- Operation and Control*
- Critical Thinking*
- Coordination*
- Monitoring*
- Equipment Maintenance*
- Management of Material Resources*
- Judgment and Decision Making*
- Quality Control Analysis*
- Management of Personnel Resources*
- Complex Problem Solving*

Abilities

- Written Comprehension*
- Information Ordering*
- Inductive Reasoning*
- Problem Sensitivity*
- Memorization*
- Written Expression*
- Selective Attention*
- Manual Dexterity*
- Finger Dexterity*
- Oral Expression*

AIRCREW ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	NON-CORE	Coordinate weapons systems design with contract engineers
E5	CORE	Draft administrative briefs
E4	CORE	Draft individual flight time summaries
E4	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	Manage aircrew flight database entries
E7	NON-CORE	Manage fleet acquisition programs
E4	CORE	Safeguard Communications Security (COMSEC) classified materials
E4	CORE	Transfer Communications Security (COMSEC) materials

AIRCREW DUTIES

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Assign ditching stations
E4	CORE	Conduct armament/ordnance arming/safeing

E4	CORE	Conduct Functional Check Flight (FCF)
E4	CORE	Evaluate avionics performance
E4	CORE	Inspect Aviation Life Support Systems (ALSS) equipment
E4	CORE	Inspect Search and Rescue (SAR) equipment
E4	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	Operate aircraft fuel systems
E4	CORE	Operate aircraft safety and emergency equipment
E4	CORE	Operate Auxiliary Power Units (APU)
E4	CORE	Operate night vision equipment
E4	CORE	Operate Support Equipment (SE)
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 security
E4	NON-CORE	Perform Cardio-Pulmonary Resuscitation (CPR) with Automated External Defibrillator (AED)
E4	NON-CORE	Perform first aid.
E4	CORE	Perform ordnance checks
E4	CORE	Perform ordnance inventories
E4	CORE	Perform Search and Rescue (SAR) procedures
E4	CORE	Report in-flight status
E4	CORE	Report visual contacts
E4	CORE	Safeguard classified materials

AIRCREW TRAINING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Administer aircrew training programs
E5	CORE	Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations
E5	CORE	Maintain training and readiness database
E5	CORE	Manage aircrew training plans
E5	CORE	Manage Crew Resource Management (CRM) programs
E4	CORE	Perform land and sea survival techniques
E5	CORE	Prepare monthly training trend reports

COMMUNICATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Configure cryptographic equipment
E4	CORE	Manage access to Crypto Net
E6	CORE	Manage electronic spillage

E4	CORE	Monitor broadcast channels
E4	CORE	Monitor Crew Resource Management (CRM)
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
E5	CORE	Prepare Satellite Access Requests (SAR)
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	NON-CORE	Supervise communications positions
E4	CORE	Test communication circuits

MAINTENANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Audit Naval Aviation Maintenance Programs (NAMP)
E7	CORE	Certify aircraft records
E4	CORE	Conduct aircraft towing operations
E4	CORE	Control aircraft hydraulic systems
E4	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 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	CORE	Maintain Specific Emitter Identification (SEI) and tracking
E4	CORE	Maintain weapons and ordnance systems
E4	CORE	Maintain wiring and connectors
E4	CORE	Maintain workstation application software
E5	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
E4	CORE	Program countermeasures system
E7	CORE	Release aircraft safe for flight

E5	CORE	Review aircraft records
E5	CORE	Supervise aircraft repairs
E4	CORE	Supervise ground handling operations
E4	CORE	Supervise Support Equipment (SE) operations

MISSION SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Configure countermeasure systems
E4	CORE	Configure external peripherals
E4	CORE	Initialize Global Positioning Satellite (GPS) equipment
E4	CORE	Initialize Inertial Navigation Systems (INS)
E4	CORE	Inspect photographic equipment
E4	CORE	Interpret Selective Identification Feature (SIF) video
E4	CORE	Load mission software
E4	CORE	Load search stores
E6	CORE	Manage operation assets
E4	CORE	Operate aircraft electrical systems
E4	CORE	Operate aircraft radar systems
E4	CORE	Operate data processing system and software
E4	CORE	Operate Electro-Optical and Infrared (EO/IR) equipment
E4	CORE	Operate network equipment
E4	CORE	Operate photographic equipment
E4	CORE	Operate radio systems
E4	CORE	Operate Secure Telephone Equipment (STE)
E4	CORE	Perform audio/video recording procedures
E5	CORE	Perform Quality Assurance (QA) inspections

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 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	Perform system administrator functions

E4	CORE	Perform virus scans
E4	CORE	Repair Local Area Network (LAN) systems
E4	CORE	Repair workstation network connectivity

OPERATIONS PLANNING AND LOGISTICS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Draft country clearance messages
E5	CORE	Draft flight hour reports
E4	CORE	Draft logistics requests
E5	CORE	Draft mission capability briefs
E4	CORE	Draft mission summary logs
E6	CORE	Draft operational reports
E4	CORE	Install logistics equipment
E4	CORE	Perform logistics operations
E5	CORE	Prepare aircrew mission briefs
E5	CORE	Prepare flight schedules

UNMANNED AERIAL VEHICLE (UAV) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Inspect Unmanned Aerial Vehicle (UAV) ordnance equipment
E4	CORE	Inspect Unmanned Aerial Vehicle (UAV) ordnance loads

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

NECs may include 8361, 8362, 8364, 8367 and 8368

Job Description

Unmanned Aerial Vehicle (UAV) Pilots/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 systems; are knowledgeable 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**Coordination**Critical Thinking**Monitoring**Equipment Maintenance**Management of Material Resources**Quality Control Analysis**Operation Monitoring**Writing**Complex Problem Solving***Abilities***Information Ordering**Written Comprehension**Inductive Reasoning**Written Expression**Problem Sensitivity**Memorization**Selective Attention**Oral Expression**Deductive Reasoning**Finger Dexterity***AIRCREW ADMINISTRATION****Paygrade**

E5

Task Type

CORE

Task Statements

Analyze tactical mission data

E7

NON-CORE

Coordinate weapons systems design with contract engineers

E5

CORE

Draft administrative briefs

E4

CORE

Draft individual flight time summaries

E4

CORE

Draft tactical memorandums

E4

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

Manage aircrew flight database entries

E7

NON-CORE

Manage fleet acquisition programs

E4

CORE

Safeguard Communications Security (COMSEC) classified materials

E4

CORE

Transfer Communications Security (COMSEC) materials

AIRCREW DUTIES

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Conduct armament/ordnance arming/safeing
E4	CORE	Evaluate avionics performance
E4	CORE	Maintain mission systems
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 pre-flight and post-flight inspections
E4	CORE	Perform aircraft security
E4	NON-CORE	Perform Cardio-Pulmonary Resuscitation (CPR) with Automated External Defibrillator (AED)
E4	NON-CORE	Perform first aid.
E4	CORE	Perform ordnance checks
E4	CORE	Perform Search and Rescue (SAR) procedures
E4	CORE	Report in-flight status
E4	CORE	Safeguard classified materials

AIRCREW TRAINING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Administer aircrew training programs
E5	CORE	Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations
E4	CORE	Conduct warfare exercises
E5	CORE	Maintain training and readiness database
E5	CORE	Manage aircrew training plans
E5	CORE	Manage Crew Resource Management (CRM) programs
E5	CORE	Prepare monthly training trend reports

COMMUNICATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Manage access to Crypto Net
E4	CORE	Monitor Crew Resource Management (CRM)
E4	CORE	Operate data circuits
E4	CORE	Operate data link systems
E4	CORE	Operate Satellite Communication (SATCOM) systems
E4	CORE	Operate voice circuits
E5	CORE	Prepare Satellite Access Requests (SAR)

MAINTENANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Audit Naval Aviation Maintenance Programs (NAMP)
E7	CORE	Certify aircraft records
E4	CORE	Conduct aircraft towing operations

E4	CORE	Control aircraft hydraulic systems
E4	CORE	Document aircraft discrepancies
E4	CORE	Maintain aircraft avionics systems
E4	CORE	Maintain data link systems
E4	CORE	Maintain Electro-Optical and Infrared (EO/IR) systems
E4	CORE	Maintain fiber optic systems
E4	CORE	Maintain navigation systems
E4	CORE	Maintain Satellite Communication (SATCOM) systems
E4	CORE	Maintain weapons and ordnance systems
E4	CORE	Maintain wiring and connectors
E4	CORE	Maintain workstation application software
E5	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
E5	CORE	Review aircraft records
E4	CORE	Supervise ground handling operations
E4	CORE	Supervise Support Equipment (SE) operations

MISSION SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Acquire signals for recording
E4	CORE	Initialize Global Positioning Satellite (GPS) equipment
E4	CORE	Initialize Inertial Navigation Systems (INS)
E4	CORE	Inspect photographic equipment
E4	CORE	Operate Electro-Optical and Infrared (EO/IR) equipment
E4	CORE	Operate photographic equipment
E4	CORE	Operate radio systems
E4	CORE	Perform audio/video recording procedures

NETWORKING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Maintain data processing systems
E4	CORE	Maintain network cables
E5	CORE	Manage Information Systems Security (ISS) programs
E4	CORE	Monitor network connectivity
E4	CORE	Repair workstation network connectivity

OPERATIONS PLANNING AND LOGISTICS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Draft country clearance messages
E5	CORE	Draft flight hour reports
E4	CORE	Draft logistics requests

E5	CORE	Draft mission capability briefs
E4	CORE	Draft mission summary logs
E6	CORE	Draft operational reports
E4	CORE	Perform logistics operations
E5	CORE	Prepare aircrew mission briefs
E5	CORE	Prepare flight schedules

UNMANNED AERIAL VEHICLE (UAV) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Control Unmanned Aerial Vehicle (UAV) fuel systems
E5	NON-CORE	Control Unmanned Aerial Vehicle (UAV) radar systems
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)
E7	NON-CORE	Plan Naval Special Warfare (NSW) operations
E5	NON-CORE	Position Unmanned Aerial Vehicle (UAV) camera systems

Job Title**Aircrew Readiness Manager (Avionics)****Job Code****002745****Job Family**

Transportation and Material Moving

NOC

TBD

Short Title (30 Characters)

ACREW READINESS MGR AVIONICS

Short Title (14 Characters)

ARM (AVIONICS)

Pay Plan

Enlisted

Career Field

AWV

Other Relationships and Rules

Not Applicable

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; and 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**Group Title**

Air Crew, General

DoD Code

105000

O*NET Relationship**Occupation Title**Airfield Operations
Specialists**SOC Code**

53-2022.00

Job FamilyTransportation and Material
Moving**Skills***Management of Material Resources**Coordination**Critical Thinking**Judgment and Decision Making**Writing**Monitoring**Complex Problem Solving**Management of Personnel Resources**Operation and Control**Quality Control Analysis***Abilities***Information Ordering**Inductive Reasoning**Written Expression**Written Comprehension**Problem Sensitivity**Category Flexibility**Deductive Reasoning**Oral Expression**Memorization**Selective Attention***AIRCREW ADMINISTRATION****Paygrade****Task Type****Task Statements**

E7	NON-CORE	Analyze emerging technology to meet fleet training requirements
E5	CORE	Analyze tactical mission data
E7	CORE	Conduct Flight Order Audit Boards (FOAB) reviews
E7	NON-CORE	Coordinate weapons systems design with contract engineers
E5	CORE	Draft administrative briefs
E7	CORE	Draft Emergency Action Plans (EAP)
E4	CORE	Draft individual flight time summaries
E4	CORE	Draft tactical memorandums
E5	CORE	Draft warfare briefs
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	Manage aircrew flight database entries
E6	CORE	Manage aircrew readiness
E6	CORE	Manage Electronic Key Management System (EKMS) program

E7	NON-CORE	Manage fleet acquisition programs
E7	NON-CORE	Manage manpower
E7	CORE	Manage Personnel Reliability Programs (PRP)
E7	CORE	Manage temporary flight orders
E6	CORE	Perform Communication Security (COMSEC) procedures
E4	CORE	Safeguard Communications Security (COMSEC) classified materials
E4	CORE	Transfer Communications Security (COMSEC) materials

AIRCREW DUTIES

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Coordinate Search and Rescue (SAR) operations
E4	CORE	Perform aircraft emergency procedures
E4	NON-CORE	Perform Cardio-Pulmonary Resuscitation (CPR) with Automated External Defibrillator (AED)
E4	NON-CORE	Perform first aid
E4	CORE	Perform Search And Rescue (SAR) procedures
E4	CORE	Safeguard classified materials

AIRCREW TRAINING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Administer aircrew training programs
E7	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	Conduct warfare exercises
E5	CORE	Maintain training and readiness database
E5	CORE	Manage aircrew training plans
E5	CORE	Manage Crew Resource Management (CRM) programs
E4	CORE	Perform land and sea survival techniques
E5	CORE	Prepare monthly training trend reports

COMMUNICATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Manage electronic spillage
E4	CORE	Monitor Crew Resource Management (CRM)
E4	CORE	Operate Internal Communication Systems (ICS)

MAINTENANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Audit Naval Aviation Maintenance Programs (NAMPP)
E7	CORE	Certify aircraft records
E7	CORE	Release aircraft safe for flight
E5	CORE	Review aircraft records
E4	CORE	Supervise Support Equipment (SE) operations

MISSION SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Manage operation assets

NETWORKING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Manage Information Security (INFOSEC) programs
E7	CORE	Manage network policies

OPERATIONS PLANNING AND LOGISTICS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Coordinate aircraft availability for long and short range planning
E7	NON-CORE	Coordinate logistics
E7	CORE	Coordinate Operating Area (OPAREA) schedules with external agencies
E7	CORE	Coordinate tactical exercises
E7	CORE	Coordinate tactical missions
E5	CORE	Draft country clearance messages
E5	CORE	Draft flight hour reports
E4	CORE	Draft logistics requests
E5	CORE	Draft mission capability briefs
E4	CORE	Draft mission summary logs
E6	CORE	Draft operational reports
E7	CORE	Manage aircraft assignments
E7	CORE	Manage aircrew operations
E6	CORE	Plan logistics operations
E7	CORE	Plan strategic operations
E5	CORE	Prepare aircrew mission briefs
E5	CORE	Prepare flight schedules
E7	CORE	Submit logistics requests

UNMANNED AERIAL VEHICLE (UAV) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Brief tactical missions
E7	NON-CORE	Plan Naval Special Warfare (NSW) operations