

# CHAPTER 2



## AIR TRAFFIC CONTROLLER (AC)

NAVPERS 18068F-2J  
Change 104

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NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

AIR TRAFFIC CONTROLLER (AC)



SCOPE OF RATING

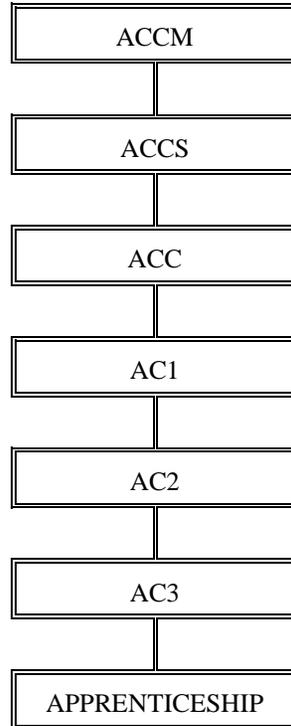
Air Traffic Controllers (AC) provide Air Traffic Control (ATC) services at control towers, air operations offices and fleet radar facilities both ashore and afloat: operate radio communication systems, and visual landing aids; direct aircraft under Visual Flight Rules (VFR) and Instrument Flight Rules (IFR); operate surveillance radars, precision radars, data link approach systems, Identification Friend or Foe (IFF) equipment, and other ATC gear; respond to emergency air traffic situations; maintain current flight planning information and reference materials; and assist pilots in the preparation and processing of flight plans.

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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 2.

## 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****Air Traffic Controller****Job Code****001307****Job Family**

Transportation and Material Moving

**NOC**

TBD

**Short Title (30 Characters)**

AIR TRAFFIC CONTROLLER

**Short Title (14 Characters)**

AIR TRAF CNTLR

**Pay Plan**

Enlisted

**Career Field**

AC

**Other Relationships and Rules**

NEC FXXX Series and other NECs as assigned

**Job Description**

Air Traffic Controllers (AC) play a key role in the effective projection of Naval airpower throughout the world in operational and training environments; provide separation between aircraft in the airspace using Air Traffic Control (ATC) systems; organize and expedite the flow of air traffic operating to and from airfields and the decks of Naval ships using radio, radar, and lighting systems; control the movement of aircraft and vehicles on airfields; and issue control instructions to pilots.

**DoD Relationship**Group Title

Air Traffic Control

DoD Code

122200

**O\*NET Relationship**Occupation Title

Air Traffic Controllers

SOC Code

53-2021.00

Job Family

Transportation and Material Moving

**Skills**

Coordination

Speaking

Critical Thinking

Management of Material Resources

Judgment and Decision Making

Monitoring

Writing

Complex Problem Solving

Quality Control Analysis

Management of Personnel Resources

**Abilities**

Deductive Reasoning

Oral Expression

Written Comprehension

Written Expression

Problem Sensitivity

Inductive Reasoning

Speech Clarity

Oral Comprehension

Time Sharing

Manual Dexterity

**CONTROL TOWER OPERATIONS****Paygrade****Task Type****Task Statements**

E4

CORE

Conduct runway visual scans

E4

CORE

Control aircraft movements on airfields

E4

CORE

Control vehicles on airfields

E4

CORE

Control visual landing aides, airport lighting, and lighting systems

E4

CORE

Coordinate arresting gear operations

E4

CORE

Coordinate runway use

E5

CORE

Determine assigned runway use

E5

CORE

Log daily airfield inspections

E4

CORE

Perform tower visibility observations

E5

CORE

Separate aircraft in tower jurisdiction

E5

CORE

Sequence aircraft in tower jurisdiction

**EMERGENCY OPERATIONS****Paygrade****Task Type****Task Statements**

E4

CORE

Activate airfield emergency alarms

E4

CORE

Assist Search and Rescue (SAR) operations

E4

CORE

Control aircraft experiencing emergencies

E4

CORE

Direct vehicles to emergency sites

E4

CORE

Log aircraft emergencies

E4

CORE

Test emergency alarms

## FLIGHT PLANNING AND OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	File squadron flight schedules
E4	CORE	Initiate overdue aircraft actions
E4	CORE	Input Notice To Airmen (NOTAM)
E4	CORE	Process aircraft movement messages
E4	CORE	Process flight plans
E4	CORE	Supervise flight planning

## GENERAL OPERATING PROCEDURES

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Collect pre-launch data
E4	CORE	Control aircraft in holding pattern
E4	CORE	Control aircraft refueling evolutions
E4	CORE	Control special handling aircraft evolutions
E5	CORE	Coordinate air to air refueling
E5	CORE	Coordinate Air Traffic Control (ATC) airspace
E5	CORE	Coordinate Air Traffic Control (ATC) equipment issues with Electronic Technicians (ET)
E6	CORE	Coordinate Air Traffic Control (ATC) issues with civil authorities
E6	CORE	Coordinate Air Traffic Control (ATC) issues with other branches of the military
E4	CORE	Coordinate aircraft information with transient line
E4	CORE	Coordinate aircraft movements
E4	CORE	Coordinate Distinguished Visitor (DV) movements
E5	CORE	Coordinate flight operations
E5	CORE	Coordinate Medical Evacuation (MEDEVAC) movements
E4	CORE	Display flight information
E4	CORE	Disseminate bird activity reports
E4	CORE	Disseminate Hazards of Electromagnetic Radiation to Ordnance (HERO) conditions
E4	CORE	Disseminate Pilot Reports (PIREP)
E4	CORE	Disseminate pre-launch data
E4	CORE	Disseminate weather information
E4	CORE	Instruct Air Traffic Control (ATC) trainees
E4	CORE	Interpret Air Traffic Control (ATC) communication messages (e.g., airspace request, Notice of Intent (NOI), etc.)
E4	CORE	Investigate Emergency Locator Transmitter (ELT) signals
E4	CORE	Issue advance non-control information to aircraft
E4	CORE	Issue advisories
E4	CORE	Issue Air Traffic Control (ATC) clearances
E4	CORE	Issue Air Traffic Control (ATC) safety alerts
E4	CORE	Issue aircraft clearance delay notices
E4	CORE	Issue aircraft control instructions
E4	CORE	Issue radio frequency changes

## GENERAL OPERATING PROCEDURES (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Issue Unmanned Aerial Vehicle (UAV) pilot control instructions
E4	CORE	Maintain physical security of Air Traffic Control (ATC) spaces
E6	CORE	Manage airfield operations
E4	CORE	Monitor assigned airspace
E4	CORE	Monitor Automated Surface Observation System (ASOS) displays
E4	CORE	Monitor National security and safety of flight communications
E4	CORE	Monitor Navigation Aids (NAVAIDS) alarms
E4	CORE	Notify enroute and destination stations of aircraft requiring special handling
E4	CORE	Obtain aircraft fuel states
E4	CORE	Obtain aircraft position reports
E4	CORE	Obtain aircraft status after assault procedures (e.g., battle damage, ordnance, fuel, etc.)
E4	CORE	Obtain Pilot Reports (PIREP)
E4	CORE	Perform noise abatement procedures
E4	CORE	Plot position (e.g., ship, crash grid, etc.)
E4	CORE	Process flight progress strips
E4	CORE	Provide assistance with missing aircraft initial search
E4	CORE	Relay aircraft ordnance handling information
E4	CORE	Relay mission information
E4	CORE	Report national security threats
E4	CORE	Report operational errors or deviations
E4	CORE	Report unusual occurrences
E5	CORE	Supervise Air Traffic Control (ATC) watch teams
E5	CORE	Supervise aircraft evolutions
E4	CORE	Update Air Traffic Control (ATC) equipment status
E4	CORE	Update Air Traffic Control (ATC) status boards
E4	CORE	Update current weather reports for flight operations

## RADAR (ASHORE, CARRIER, AMPHIBIOUS, TACRON, FACSFAC)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Adjust Air Traffic Control (ATC) radar consoles
E4	CORE	Conduct radar final approaches
E4	CORE	Control aircraft in Special Use Airspace (SUA)
E4	CORE	Decode Identification Friend or Foe (IFF) Hydraulics, Electrical, Fuel, Oxygen, Engine (HEFOE) information
E4	CORE	Establish radar contacts
E5	CORE	Implement Severe Weather Avoidance Plans (SWAP)
E7	NON-CORE	Manage Air Traffic Control (ATC) expeditionary division
E4	CORE	Monitor instrument approaches
E4	CORE	Perform tactical Air Traffic Control (ATC) assault procedures
E5	CORE	Separate aircraft under radar jurisdiction
E5	CORE	Sequence aircraft under radar jurisdiction

**RADAR (ASHORE, CARRIER, AMPHIBIOUS, TACRON, FACSAC) (CONT'D)**

<b><u>Paygrade</u></b>	<b><u>Task Type</u></b>	<b><u>Task Statements</u></b>
E6	CORE	Supervise Air Traffic Control (ATC) shipboard operations
E5	NON-CORE	Supervise expeditionary watch teams
E4	CORE	Transfer radar identification
E4	CORE	Vector aircraft

**TECHNICAL ADMINISTRATION**

<b><u>Paygrade</u></b>	<b><u>Task Type</u></b>	<b><u>Task Statements</u></b>
E7	NON-CORE	Conduct airfield site surveys
E7	CORE	Coordinate Air Traffic Control (ATC) equipment issues with In-Service Engineering Activity (ISEA)
E7	NON-CORE	Coordinate Air Traffic Control (ATC) facility waivers
E7	CORE	Coordinate Air Traffic Control (ATC) system upgrades
E6	NON-CORE	Coordinate National Aeronautics and Space Administration (NASA) operations
E6	CORE	Coordinate noise abatement procedures
E7	CORE	Coordinate with Federal Aviation Administration (FAA) personnel
E7	CORE	Develop local course rules standards
E7	CORE	Draft video map data requests
E7	NON-CORE	Evaluate Air Traffic Control (ATC) facilities for Federal Aviation Administration (FAA) and Department of the Navy (DoN) procedural compliance
E7	CORE	Evaluate Air Traffic Control (ATC) procedure change proposals
E7	CORE	Evaluate Air Traffic Control (ATC) training programs
E7	CORE	Investigate airspace issues (e.g., air space congestion)
E6	CORE	Maintain logs and records (e.g., equipment, hot area event, tower visibility, etc.)
E6	CORE	Maintain operational continuity of Air Traffic Control (ATC) watch teams
E7	CORE	Manage Air Traffic Control (ATC) facilities
E7	CORE	Manage Air Traffic Control (ATC) Naval Air Training and Operating Procedures Standardization (NATOPS) programs
E7	CORE	Manage Air Traffic Control (ATC) procedure correspondence
E6	CORE	Manage Air Traffic Control (ATC) publications libraries
E7	CORE	Manage Air Traffic Control (ATC) specialist certificate/revocation packages
E7	CORE	Manage Air Traffic Control (ATC) training programs
E7	NON-CORE	Manage airport procedures
E7	CORE	Manage airspace
E7	NON-CORE	Manage Department of the Navy (DoN) Air Traffic Control (ATC) program for obstruction evaluation, airport and airspace analysis
E7	NON-CORE	Manage Department of the Navy (DoN) navigational aids within the National Airspace System (NAS) and at overseas installations
E7	NON-CORE	Manage Department of the Navy (DoN) participation in the federal rule-making process
E7	CORE	Manage deployment and procurement of Air Traffic Control (ATC) systems
E7	NON-CORE	Manage facility's Air Installation Compatibility Use Zone (AICUZ) program
E7	CORE	Manage facility's Air Traffic Control (ATC) Notice To Airmen (NOTAM) program

### **TECHNICAL ADMINISTRATION (CONT'D)**

<b><u>Paygrade</u></b>	<b><u>Task Type</u></b>	<b><u>Task Statements</u></b>
E7	CORE	Manage facility's Unmanned Aerial Systems (UAS) program
E7	NON-CORE	Manage Terminal Instrument Procedures (TERPS)
E7	CORE	Prepare Air Traffic Control (ATC) communication messages (e.g., airspace request, Notice of Intent (NOI), etc.)
E7	CORE	Prepare Air Traffic Control (ATC) hazard reports
E7	CORE	Prepare Air Traffic Control (ATC) voice recording transcriptions
E7	CORE	Prepare Operational Capability Improvement Requests (OCIR)
E7	NON-CORE	Process Altitude Reservation (ALTRV) requests
E6	CORE	Process facility records and reports
E7	CORE	Process operational errors or deviations
E7	CORE	Provide actionable recommendations in response to airspace matters (e.g., air route)
E7	CORE	Provide inputs for Air Traffic Control (ATC) systems to technicians
E7	NON-CORE	Request Federal Aviation Administration (FAA) waivers
E7	CORE	Update Air Traffic Control (ATC) manuals
E4	CORE	Verify logs and records (e.g., equipment, hot area event, tower visibility, etc.)