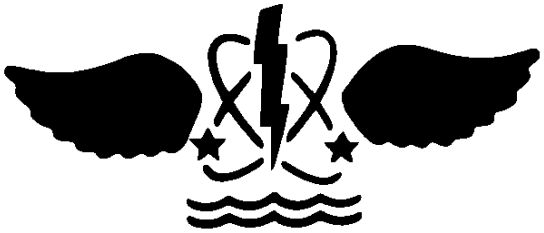
# CHAPTER 12



# NAVAL AIRCREWMAN (TACTICAL HELICOPTER) (AWR)

NAVPERS 18068F-12H
Change 81

Updated: January 2020

TABLE OF CONTENTS
NAVAL AIRCREWMEN (TACTICAL HELICOPTER) (AWR)


| | |
|---|---|
| **SCOPE OF RATING** | AWR-3 |
| **GENERAL INFORMATION** | AWR-4 |
| **AIRCREW READINESS MANAGER (TACTICAL HELICOPTER)** | AWR-5 |
| AIRCREW ADMINISTRATION | AWR-5 |
| AIRCREW DUTIES | AWR-6 |
| AIRCREW TRAINING | AWR-6 |
| COMMUNICATIONS | AWR-7 |
| ENVIRONMENTAL | AWR-7 |
| LOGISTICS AND OPERATIONS | AWR-7 |
| SENSOR SYSTEMS | AWR-7 |
| SPECIAL WARFARE/VISUAL/PHOTOGRAPHIC OPERATIONS | AWR-7 |
| TACTICS/TARGET MOTION ANALYSIS | AWR-7 |
| WEAPONS, ORDNANCE AND STORES | AWR-7 |
| **MULTI-MISSION HELICOPTER SENSOR OPERATOR** | AWR-8 |
| AIRCREW ADMINISTRATION | AWR-8 |
| AIRCREW DUTIES | AWR-9 |
| AIRCREW TRAINING | AWR-10 |
| COMMUNICATIONS | AWR-11 |
| ENVIRONMENTAL | AWR-12 |
| LOGISTICS AND OPERATIONS | AWR-12 |
| SEARCH AND RESCUE (SAR) | AWR-12 |
| SENSOR SYSTEMS | AWR-13 |
| SPECIAL WARFARE/VISUAL/PHOTOGRAPHIC OPERATIONS | AWR-14 |
| TACTICS/TARGET MOTION ANALYSIS | AWR-14 |
| WEAPONS, ORDNANCE AND STORES | AWR-15 |
| **AIRCRAFT CARRIER TACTICAL SUPPORT CENTER (CV-TSC) OPERATOR** | AWR-16 |
| AIRCREW ADMINISTRATION | AWR-16 |
| AIRCREW DUTIES | AWR-16 |
| AIRCREW TRAINING | AWR-17 |
| COMMUNICATIONS | AWR-17 |
| ENVIRONMENTAL | AWR-17 |
| SEARCH AND RESCUE (SAR) | AWR-18 |
| SENSOR SYSTEMS | AWR-18 |
| SPECIAL WARFARE/VISUAL/PHOTOGRAPHIC OPERATIONS | AWR-19 |
| TACTICS/TARGET MOTION ANALYSIS | AWR-19 |
| WEAPONS, ORDNANCE AND STORES | AWR-19 |

NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

NAVAL AIRCREWMEN (TACTICAL HELICOPTER) (AWR)

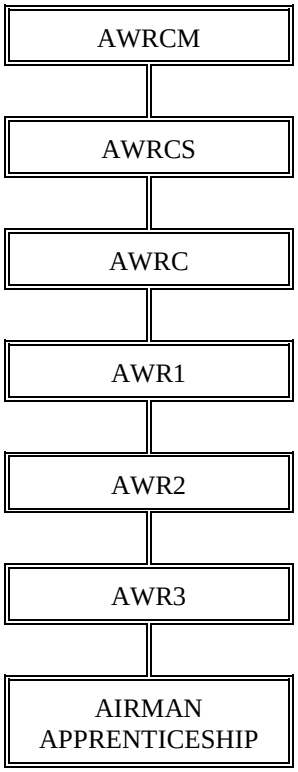
SCOPE OF RATING

Naval Aircrewmen (Tactical Helicopter) (AWR) detect, analyze, classify, and track sub-surface, surface, and air contacts; perform Sound Navigation and Ranging (SONAR), sonobuoy, Radio Detection and Ranging (RADAR), Electronic Support Measures (ESM), Electro-Optical (EO)/Infrared (IR), Inverse Synthetic Aperture Radar (ISAR) and LINK-16 operations; coordinate tactical communications relay; conduct weapons delivery in support of tactical missions; contribute to Naval Special Warfare (NSW) missions, Search and Rescue (SAR), Humanitarian Assistance and Disaster Relief (HADR), Night Vision Device (NVD) operations, navigation, passenger and cargo transport, Vertical Replenishment (VERTREP), Medical Evacuations (MEDEVAC) and crew-served weapons employment; perform observer duties for safety of flight; and contribute directly to aircrew operations, training and administration.

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(series).

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**

# Aircrew Readiness Manager (Tactical Helicopter) 002743

| Job Family | NOC | Short Title (30 Characters) | Short Title (14 Characters) |
|---|---|---|---|
| Transportation and Material Moving | TBD | ACREW READINESS MGR TAC HELO | ARM (TAC HELO) |

| Pay Plan | Career Field | Other Relationships and Rules |
|---|---|---|
| Enlisted | AWR | NEC G11A and other NECs as assigned |

**Job Description**

Aircrew Readiness Managers (Tactical Helicopter) 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 the Search and Rescue (SAR) programs; 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 | 10500 | Airfield Operations Specialists | 53-2022.00 | Transportation and Material Moving |

| Skills | Abilities |
|---|---|
| *Critical Thinking* | *Deductive Reasoning* |
| *Coordination* | *Fluency of Ideas* |
| *Management of Material Resources* | *Inductive Reasoning* |
| *Quality Control Analysis* | *Information Ordering* |
| *Management of Personnel Resources* | *Visualization* |
| *Monitoring* | *Originality* |
| *Instructing* | *Written Expression* |
| *Writing* | *Oral Expression* |
| *Systems Analysis* | *Memorization* |
| *Judgment and Decision Making* | *Selective Attention* |

## AIRCREW ADMINISTRATION

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E5 | CORE | Administer command Search and Rescue (SAR) programs |
| E5 | CORE | Analyze training and readiness matrices |
| E7 | CORE | Brief fleet aviation training requirements to upper echelon |
| E6 | NON-CORE | Certify Aircrew Combat Training Continuum (ACTC) qualifications in training jackets |
| E5 | CORE | Certify command Search and Rescue (SAR) qualifications in training jackets |
| E5 | CORE | Certify Naval Air Training and Operating Procedures Standardization (NATOPS) qualifications in training jackets |
| E5 | CORE | Conduct aviation Search and Rescue (SAR) evaluations |
| E7 | NON-CORE | Conduct fleet acquisition program briefs |
| E7 | CORE | Conduct flight order audit boards |
| E7 | CORE | Coordinate monthly training requirements |
| E6 | CORE | Coordinate tactical exercises and missions |
| E7 | NON-CORE | Coordinate training systems acquisition contracts |
| E6 | NON-CORE | Coordinate weapons system designs with contract engineers |
| E7 | NON-CORE | Define aircrew readiness requirements for individuals and crews |
| E7 | CORE | Evaluate aircrew qualification and readiness programs |

## AIRCREW ADMINISTRATION (CONT'D)

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E7 | NON-CORE | Implement aircrew manpower processes from accession to fleet integration |
| E5 | NON-CORE | Maintain Aircrew Combat Training Continuum (ACTC) training jackets |
| E7 | CORE | Manage aircrew administration |
| E5 | NON-CORE | Manage Aircrew Combat Training Continuum (ACTC) programs |
| E7 | CORE | Manage temporary flight order programs |
| E7 | CORE | Oversee aircrew qualifications, readiness programs, and evaluations |
| E5 | CORE | Prepare administrative briefs |
| E5 | CORE | Review Naval Air Training and Operating Procedures Standardization (NATOPS) records |
| E6 | CORE | Supervise aircrew administration |
| E5 | CORE | Update aircrew course curriculum |

## AIRCREW DUTIES

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E7 | CORE | Manage aircrew duties |
| E6 | CORE | Supervise aircrew duties |

## AIRCREW TRAINING

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E5 | CORE | Administer aircrew training programs |
| E7 | NON-CORE | Analyze emerging technology to meet fleet training requirements |
| E7 | CORE | Analyze monthly reports |
| E4 | CORE | Conduct acoustic and non-acoustic training |
| E5 | NON-CORE | Conduct Airborne Use of Force (AUF) training |
| E5 | NON-CORE | Conduct Airborne Use of Force (AUF) training evaluations |
| E7 | CORE | Conduct aircrew training program evaluations |
| E5 | CORE | Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations |
| E5 | CORE | Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) ground/flight training |
| E6 | CORE | Coordinate aircrew requirements for aerial gunnery |
| E6 | CORE | Coordinate warfare training exercises |
| E7 | CORE | Determine present and future fleet aviation training requirements |
| E6 | CORE | Develop long and short range aircrew training plans |
| E5 | CORE | Develop Naval Air Training and Operating Procedures Standardization (NATOPS) exams |
| E5 | CORE | Develop Naval Air Training and Operating Procedures Standardization (NATOPS) lesson material |
| E5 | CORE | Develop tactical training materials |
| E5 | NON-CORE | Facilitate crew resource management programs |
| E5 | NON-CORE | Manage Airborne Use of Force (AUF) programs |
| E5 | CORE | Manage aircrew qualification and readiness programs |
| E6 | CORE | Manage aircrew requirements and qualifications for flight and simulator events |

**AIRCREW TRAINING (CONT'D)**

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E7 | CORE | Manage aircrew systems training |
| E7 | CORE | Manage Fleet Replacement Squadron (FRS) student productions |
| E7 | CORE | Manage tactical training programs |
| E7 | CORE | Monitor fleet training and readiness levels |
| E6 | CORE | Supervise aircrew systems training |

**COMMUNICATIONS**

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E6 | CORE | Supervise aircrew communications |

**ENVIRONMENTAL**

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Obtain environmental data and products |

**LOGISTICS AND OPERATIONS**

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E5 | CORE | Coordinate flight mission priorities |
| E7 | CORE | Coordinate long and short range aircraft operational availability plans |
| E7 | CORE | Manage Humanitarian Assistance and Disaster Relief (HADR) mission |
| E7 | CORE | Manage logistics operations |
| E7 | NON-CORE | Match aircrew to mission detachment and crew requirements |
| E7 | CORE | Plan coordinated operations |
| E7 | CORE | Prepare country clearance messages |
| E7 | CORE | Prioritize aircrew assignments |
| E7 | NON-CORE | Provide Operational Target (OPTAR) budget input |
| E6 | CORE | Request airlifts |
| E6 | CORE | Supervise logistics operations |

**SENSOR SYSTEMS**

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E7 | CORE | Manage sensor systems operations |
| E6 | CORE | Supervise sensor systems operations |

**SPECIAL WARFARE/VISUAL/PHOTOGRAPHIC OPERATIONS**

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E7 | NON-CORE | Plan Naval Special Warfare (NSW) operations |

**TACTICS/TARGET MOTION ANALYSIS**

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E5 | CORE | Develop tactical proficiency programs |
| E5 | NON-CORE | Develop tactical simulator scenarios |

**WEAPONS, ORDNANCE AND STORES**

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E7 | CORE | Manage Non-Combat Expenditure Allocations (NCEA) |
| E5 | CORE | Track ordnance allocations and inventories |

**Job Title** **Job Code**

# Multi-mission Helicopter Sensor Operator 002747

| Job Family | NOC | Short Title (30 Characters) | Short Title (14 Characters) |
|---|---|---|---|
| Military Specific | TBD | MULTI-MISSION SENSOR OPERATOR | MM SENSOR OP |

| Pay Plan | Career Field | Other Relationships and Rules |
|---|---|---|
| Enlisted | AWR | NEC G11A and other NECs as assigned |

**Job Description**

Multi-Mission Helicopter Sensor Operators are members of integrated tactical crew aboard helicopters; coordinate communications during tactical missions at sea; conduct weapons delivery; detect, analyze, classify and track surface, subsurface and air contacts; operate electronic sensor equipment; perform ground based aircrew duties that contribute directly to aircrew operations, training and administration to maintain aircrew qualifications and certifications; perform Basic Life Support (BLS); employ crew-served weapons and ordnance; conduct passenger and cargo transport, Vertical Replenishment (VERTREP), Humanitarian Assistance and Disaster Relief (HADR), Medical Evacuations (MEDEVAC) and Search And Rescue missions (SAR).

| DoD Relationship | | O*NET Relationship | | |
|---|---|---|---|---|
| *Group Title* | *DoD Code* | *Occupation Title* | *SOC Code* | *Job Family* |
| Sonar Operator, General | 121000 | Air Crew Members | 55-3011.00 | Military Specific |

| Skills | Abilities |
|---|---|
| *Critical Thinking* | *Deductive Reasoning* |
| *Coordination* | *Inductive Reasoning* |
| *Operation and Control* | *Fluency of Ideas* |
| *Management of Material Resources* | *Information Ordering* |
| *Systems Analysis* | *Control Precision* |
| *Quality Control Analysis* | *Visualization* |
| *Judgment and Decision Making* | *Memorization* |
| *Operation Monitoring* | *Written Expression* |
| *Monitoring* | *Originality* |
| *Instructing* | *Finger Dexterity* |

## AIRCREW ADMINISTRATION

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E5 | CORE | Administer command Search and Rescue (SAR) programs |
| E5 | CORE | Administer Naval Air Training and Operating Procedures Standardization (NATOPS) programs |
| E5 | CORE | Analyze training and readiness matrices |
| E7 | CORE | Brief fleet aviation training requirements to upper echelon |
| E6 | NON-CORE | Certify Aircrew Combat Training Continuum (ACTC) qualifications in training jackets |
| E5 | CORE | Certify command Search and Rescue (SAR) qualifications in training jackets |
| E5 | CORE | Certify Naval Air Training and Operating Procedures Standardization (NATOPS) qualifications in training jackets |
| E5 | CORE | Conduct aviation Search and Rescue (SAR) evaluations |
| E7 | NON-CORE | Conduct fleet acquisition program briefs |
| E7 | CORE | Conduct flight order audit boards |
| E7 | CORE | Coordinate monthly training requirements |
| E6 | CORE | Coordinate tactical exercises and missions |
| E7 | NON-CORE | Coordinate training systems acquisition contracts |
| E6 | NON-CORE | Coordinate weapons system designs with contract engineers |
| E7 | NON-CORE | Define aircrew readiness requirements for individuals and crews |
| E4 | CORE | Develop aircrew mission briefs |

## AIRCREW ADMINISTRATION (CONT'D)

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E7 | CORE | Evaluate aircrew qualification and readiness programs |
| E7 | NON-CORE | Implement aircrew manpower processes from accession to fleet integration |
| E5 | NON-CORE | Maintain Aircrew Combat Training Continuum (ACTC) training jackets |
| E4 | CORE | Maintain aircrew flight databases |
| E4 | CORE | Maintain tactical publication libraries |
| E7 | CORE | Manage aircrew administration |
| E5 | NON-CORE | Manage Aircrew Combat Training Continuum (ACTC) programs |
| E7 | CORE | Manage temporary flight order programs |
| E5 | CORE | Prepare administrative briefs |
| E5 | CORE | Prepare flight hour reports |
| E5 | NON-CORE | Prepare mission capability briefs |
| E5 | NON-CORE | Prepare mission summary logs |
| E5 | NON-CORE | Prepare pre/post-exercise presentations |
| E5 | CORE | Review Naval Air Training and Operating Procedures Standardization (NATOPS) records |
| E6 | CORE | Supervise aircrew administration |
| E5 | CORE | Update aircrew course curriculum |
| E4 | CORE | Update flight time log books |
| E5 | CORE | Update individual flight time summaries |

## AIRCREW DUTIES

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Adjust cabin for mission configurations |
| E4 | CORE | Arm laser systems |
| E4 | CORE | Assist passengers into aircraft |
| E4 | CORE | Calculate sensor formulas |
| E4 | CORE | Calculate visual search altitudes |
| E4 | CORE | Collect intelligence |
| E4 | CORE | Conduct aircraft fueling operations |
| E4 | CORE | Conduct helicopter in-flight refueling |
| E4 | CORE | Conduct helicopter passenger safety briefs |
| E4 | CORE | Conduct mission briefs and debriefs |
| E5 | NON-CORE | Conduct Post Mission Analysis (PMA) |
| E4 | CORE | Configure aircraft for Anti-Submarine Warfare (ASW) operations |
| E4 | CORE | Configure Recovery, Assist, Securing, and Traversing (RAST) equipment for landing and take-off |
| E5 | CORE | Coordinate Operating Area (OPAREA) schedules with external agencies |
| E4 | CORE | Coordinate operations with tactical watch officers |
| E4 | CORE | Disseminate intelligence data |
| E4 | CORE | Enhance Recognized Maritime Picture (RMP) utilizing sensor systems |
| E5 | NON-CORE | Evaluate weapons employment |

## AIRCREW DUTIES (CONT'D)

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Load classified mission system data |
| E7 | CORE | Manage aircrew duties |
| E4 | CORE | Operate crew-served weapons and small arms |
| E4 | CORE | Operate tactical system consoles |
| E4 | CORE | Perform aircraft emergency procedures |
| E4 | CORE | Perform aircraft ground handling operations |
| E4 | CORE | Perform aircraft pre and post-flight inspections |
| E4 | CORE | Perform aircraft vector procedures |
| E4 | CORE | Perform Bomb Hit Assessments (BHA) |
| E4 | CORE | Perform engine start-up procedures |
| E4 | CORE | Perform flight mission planning |
| E4 | CORE | Perform general aircraft servicing |
| E4 | CORE | Perform in-flight observer duties |
| E4 | CORE | Perform mission equipment operational checks |
| E4 | CORE | Perform on station mission turnovers |
| E4 | CORE | Perform pre and post-flight checks of rescue swimmer equipment |
| E4 | CORE | Perform pre and post-flight checks of survival equipment |
| E4 | CORE | Perform small arms and crew-served weapons functional checks |
| E4 | NON-CORE | Perform vibration analysis during flights |
| E5 | NON-CORE | Plot water space management areas |
| E4 | CORE | Prepare aircraft static exhibits |
| E4 | CORE | Report contacts |
| E4 | CORE | Review aircraft discrepancy records |
| E4 | NON-CORE | Review hot areas and air space restrictions |
| E6 | CORE | Supervise aircrew duties |

## AIRCREW TRAINING

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E5 | CORE | Administer aircrew training programs |
| E7 | CORE | Analyze monthly reports |
| E4 | CORE | Conduct acoustic and non-acoustic training |
| E5 | NON-CORE | Conduct Airborne Use of Force (AUF) training |
| E5 | NON-CORE | Conduct Airborne Use of Force (AUF) training evaluations |
| E4 | CORE | Conduct Aircraft Survivability Equipment (ASE) training |
| E5 | CORE | Conduct Aircrew Combat Training Continuum (ACTC) evaluations |
| E7 | CORE | Conduct aircrew training program evaluations |
| E5 | CORE | Conduct aviation Search and Rescue (SAR) swimmer training |
| E5 | CORE | Conduct crew-served weapons aerial gunnery training |
| E4 | CORE | Conduct in-flight training |

## AIRCREW TRAINING (CONT'D)

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E5 | CORE | Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations |
| E5 | CORE | Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) ground/flight training |
| E4 | CORE | Conduct sensor operator proficiency training |
| E5 | CORE | Conduct small arms classroom training |
| E5 | CORE | Conduct small arms live fire training |
| E5 | CORE | Conduct tactical ground/flight trainin |
| E4 | CORE | Conduct target recognition training |
| E5 | NON-CORE | Conduct watch positional training |
| E6 | CORE | Coordinate aircrew requirements for aerial gunnery |
| E6 | CORE | Coordinate warfare training exercises |
| E5 | CORE | Determine aircrew requirements and qualifications for flight and simulator events |
| E7 | CORE | Determine present and future fleet aviation training requirements |
| E6 | CORE | Develop long and short range aircrew training plans |
| E5 | CORE | Develop Naval Air Training and Operating Procedures Standardization (NATOPS) exams |
| E5 | CORE | Develop Naval Air Training and Operating Procedures Standardization (NATOPS) lesson material |
| E5 | CORE | Develop tactical exams |
| E5 | CORE | Develop tactical training materials |
| E5 | NON-CORE | Facilitate crew resource management programs |
| E5 | NON-CORE | Manage Airborne Use of Force (AUF) programs |
| E5 | CORE | Manage aircrew qualification and readiness programs |
| E6 | CORE | Manage aircrew requirements and qualifications for flight and simulator events |
| E7 | CORE | Manage aircrew systems training |
| E7 | CORE | Manage Fleet Replacement Squadron (FRS) student productions |
| E7 | CORE | Manage tactical training programs |
| E5 | CORE | Operate Weapons Tactical Trainers (WTT) and Combat Systems Trainers (CST) |
| E6 | CORE | Supervise aircrew systems training |

## COMMUNICATIONS

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Conduct underwater communications |
| E4 | CORE | Deploy emergency signal devices |
| E4 | CORE | Identify pyrotechnic communications |
| E4 | CORE | Operate communications equipment |
| E4 | CORE | Perform brevity code communications |
| E4 | CORE | Perform Internal Systems (ICS) communications |
| E4 | CORE | Perform radio communications |
| E6 | CORE | Supervise aircrew communications |

**COMMUNICATIONS (CONT'D)**

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Troubleshoot communications |

**ENVIRONMENTAL**

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Analyze Bathythermograph (BT) data |
| E4 | CORE | Analyze bottom contour charts |
| E4 | CORE | Analyze environmental data |
| E4 | CORE | Analyze meteorological and oceanographic conditions |
| E4 | CORE | Analyze sound transmission paths |
| E5 | NON-CORE | Classify sound transmission paths |
| E4 | CORE | Determine tactical environmental considerations |
| E4 | CORE | Obtain environmental data and products |
| E4 | CORE | Perform on station environmental updates |
| E4 | CORE | Perform Operational Reporting (OPREP) procedures |

**LOGISTICS AND OPERATIONS**

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Conduct cargo operations |
| E4 | CORE | Conduct passenger transfers |
| E4 | CORE | Configure aircraft for cargo operations |
| E6 | CORE | Coordinate aircraft configurations with maintenance control |
| E5 | CORE | Coordinate flight mission priorities |
| E7 | CORE | Coordinate long and short range aircraft operational availability plans |
| E4 | CORE | Load cargo into aircraft |
| E7 | CORE | Manage Humanitarian Assistance and Disaster Relief (HADR) mission |
| E7 | CORE | Manage logistics operations |
| E7 | NON-CORE | Match aircrew to mission detachment and crew requirements |
| E4 | CORE | Perform Humanitarian Assistance and Disaster Relief (HADR) duties |
| E7 | CORE | Plan coordinated operations |
| E7 | CORE | Prepare country clearance messages |
| E4 | CORE | Prepare flight schedules |
| E7 | CORE | Prioritize aircrew assignments |
| E7 | NON-CORE | Provide Operational Target (OPTAR) budget input |
| E6 | CORE | Request airlifts |
| E6 | CORE | Supervise Humanitarian Assistance and Disaster Relief (HADR) duties |
| E6 | CORE | Supervise logistics operations |

**SEARCH AND RESCUE (SAR)**

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Attach rescue devices to rescue hoist |
| E4 | CORE | Configure aircraft for Search and Rescue (SAR) |
| E5 | CORE | Coordinate Search and Rescue (SAR) missions |

## SEARCH AND RESCUE (SAR) (CONT'D)

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Deploy rescue devices |
| E4 | CORE | Deploy rescue swimmers |
| E4 | CORE | Perform Basic Life Support (BLS) |
| E4 | CORE | Perform in-water aviation rescue swimmer procedures |
| E4 | CORE | Perform Medical Evacuations (MEDEVAC) |
| E4 | CORE | Perform survivor assessments |
| E4 | CORE | Plot survivor locations |
| E4 | CORE | Recover rescue devices |
| E4 | CORE | Recover rescue swimmers and survivors |

## SENSOR SYSTEMS

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Analyze active and passive contact data |
| E5 | NON-CORE | Analyze Electronic Warfare Support (ES) contacts |
| E4 | CORE | Analyze Infrared (IR) and Electro-Optical (EO) contact data |
| E4 | CORE | Analyze Inverse Synthetic-Aperture Radar (ISAR) contact information |
| E4 | CORE | Analyze Magnetic Anomaly Detection (MAD) contacts |
| E4 | CORE | Analyze mission tactical plots |
| E4 | CORE | Analyze pre and post-flight mission data |
| E4 | CORE | Analyze radar contact data |
| E4 | CORE | Classify Electronic Warfare Support (ES) contacts |
| E4 | CORE | Classify Infrared (IR) and Electro-Optical (EO) contacts |
| E4 | CORE | Classify Inverse Synthetic-Aperture Radar (ISAR) contact information |
| E4 | CORE | Classify Magnetic Anomaly Detection (MAD) contact data |
| E4 | CORE | Classify non-acoustic contact data |
| E4 | CORE | Classify passive and active contacts |
| E4 | CORE | Collect contact information |
| E4 | CORE | Conduct Automatic Information System (AIS) operations |
| E4 | CORE | Conduct Electronic Warfare Support (ES) searches |
| E4 | CORE | Conduct Identification Friend or Foe (IFF) |
| E4 | CORE | Conduct passive acoustic searches |
| E4 | CORE | Correlate Electronic Warfare Support (ES) contact information |
| E4 | CORE | Deploy sonar domes |
| E4 | CORE | Determine optimum sensor effectiveness |
| E4 | CORE | Evaluate in-flight radar data |
| E4 | CORE | Gather Aircraft Survivability Equipment (ASE) threat data |
| E4 | CORE | Identify in-flight threat data |
| E4 | CORE | Identify sonobouy aural cues |
| E4 | CORE | Initiate mission systems |
| E7 | CORE | Manage sensor systems operations |

## SENSOR SYSTEMS (CONT'D)

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Monitor Aircraft Survivability Equipment (ASE) |
| E4 | CORE | Operate analysis equipment |
| E4 | CORE | Operate mission data recorder system equipment |
| E4 | CORE | Perform aircraft systems testing |
| E4 | CORE | Perform weather avoidance radar navigation |
| E4 | CORE | Program Aircraft Survivability Equipment (ASE) |
| E4 | CORE | Set up tactical plots |
| E6 | CORE | Supervise sensor systems operations |
| E4 | CORE | Track contacts and Targets of Interest (TOI) |
| E4 | CORE | Transmit data link information |
| E4 | CORE | Troubleshoot mission systems |

## SPECIAL WARFARE/VISUAL/PHOTOGRAPHIC OPERATIONS

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Classify visual contacts information |
| E4 | NON-CORE | Conduct Airborne Use of Force (AUF) special operations |
| E4 | CORE | Conduct Infrared (IR) and Electro-Optical (EO) surveillances |
| E4 | CORE | Conduct Naval Special Warfare (NSW) missions |
| E4 | CORE | Conduct Night Vision Device (NVD) flight operations |
| E4 | CORE | Configure aircraft for Special Warfare Operations (SPECOPS) |
| E4 | CORE | Configure Night Vision Devices (NVD) for environmental conditions |
| E4 | CORE | Deploy special warfare personnel |
| E4 | CORE | Operate vision enhancement devices in-flight |
| E4 | CORE | Perform aerial photography |
| E4 | CORE | Perform Night Vision Device (NVD) pre-flight checks |
| E4 | CORE | Perform photographic riggings |
| E4 | CORE | Perform visual searches |
| E7 | NON-CORE | Plan Naval Special Warfare (NSW) operations |
| E4 | CORE | Troubleshoot Night Vision Device (NVD) equipment in-flight |

## TACTICS/TARGET MOTION ANALYSIS

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E5 | NON-CORE | Analyze tactical missions |
| E4 | CORE | Calculate sensor ranges |
| E4 | CORE | Conduct Over-the-Horizon Targeting (OTHT) |
| E4 | CORE | Conduct tactical airborne radar operations |
| E4 | CORE | Conduct Target Motion Analysis (TMA) |
| E4 | CORE | Construct search patterns |
| E4 | CORE | Determine acoustic sensor search depths |
| E4 | CORE | Determine attack criteria for weapons release |
| E5 | NON-CORE | Determine tactical intelligence considerations |

## TACTICS/TARGET MOTION ANALYSIS (CONT'D)

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Determine Target of Interest (TOI) datum |
| E5 | CORE | Develop tactical proficiency programs |
| E5 | NON-CORE | Develop tactical simulator scenarios |
| E5 | NON-CORE | Evaluate tactical plot operations |
| E5 | NON-CORE | Evaluate water space management |
| E4 | CORE | Identify contacts' Closest Point of Approach (CPA) |
| E5 | NON-CORE | Manage tactical data flow |
| E4 | CORE | Plot Electronic Warfare Support (ES) contact intercepts |
| E4 | CORE | Plot radar contact intercepts |
| E4 | CORE | Verify Area of Probability (AOP) |

## WEAPONS, ORDNANCE AND STORES

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Configure aircraft stores |
| E4 | CORE | Deploy mission stores |
| E4 | CORE | Deploy sonobuoy |
| E4 | CORE | Document ordnance expenditures |
| E7 | CORE | Manage Non-Combat Expenditure Allocations (NCEA) |
| E4 | CORE | Program search stores |
| E4 | CORE | Secure ordnance in aircraft |
| E5 | CORE | Track ordnance allocations and inventories |
| E4 | CORE | Troubleshoot crew-served weapons in-flight |
| E4 | CORE | Verify sonobouy programmable settings |

**Job Title** **Job Code**

# Aircraft Carrier Tactical Support Center (CV-TSC) Operator 002748

| Job Family | NOC | Short Title (30 Characters) | Short Title (14 Characters) |
|---|---|---|---|
| Military Specific | TBD | CARRIER SUPPORT CTR OPERATOR | CV TAC SUP CTR |

| Pay Plan | Career Field | Other Relationships and Rules |
|---|---|---|
| Enlisted | AWR | NEC 713B and other NECs as assigned |

**Job Description**

Aircraft Carrier Tactical Support Center Operators support the mission of the CV-TSC through utilization of the tactical and sensor functions of the AN/SQQ-34 system and supporting peripheral equipment; perform AN/SQQ-34C set-up and configuration based on mission task; support all facets of carrier based Anti-Submarine Warfare (ASW), Surface Surveillance, Search and Rescue (SAR) and operations conducted by organic (MH-60R) and inorganic (P-3/P-8/NATO/UAS) tactical aircraft by operating the AN/SQQ-34C.

**DoD Relationship**

| *Group Title* | *DoD Code* |
|---|---|
| Sonar Operator, General | 121 |

**O*NET Relationship**

| *Occupation Title* | *SOC Code* | *Job Family* |
|---|---|---|
| Military Enlisted Tactical Operations and Air/Weapons Specialists and Crew Members, All Other | 55-3019.00 | Military Specific |

| Skills | Abilities |
|---|---|
| *Critical Thinking* | *Deductive Reasoning* |
| *Operation and Control* | *Inductive Reasoning* |
| *Systems Analysis* | *Fluency of Ideas* |
| *Coordination* | *Information Ordering* |
| *Monitoring* | *Control Precision* |
| *Judgment and Decision Making* | *Memorization* |
| *Operation Monitoring* | *Finger Dexterity* |
| *Management of Material Resources* | *Mathematical Reasoning* |
| *Speaking* | *Visualization* |
| *Mathematics* | *Originality* |

## AIRCREW ADMINISTRATION

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E6 | CORE | Coordinate tactical exercises and missions |
| E4 | CORE | Develop aircrew mission briefs |
| E4 | CORE | Maintain tactical publication libraries |
| E5 | CORE | Prepare administrative briefs |
| E5 | NON-CORE | Prepare mission capability briefs |
| E5 | NON-CORE | Prepare mission summary logs |
| E5 | NON-CORE | Prepare pre/post-exercise presentations |

## AIRCREW DUTIES

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Calculate sensor formulas |
| E4 | CORE | Calculate visual search altitudes |
| E4 | CORE | Collect intelligence |
| E4 | CORE | Conduct mission briefs and debriefs |
| E5 | NON-CORE | Conduct Post Mission Analysis (PMA) |
| E5 | CORE | Coordinate Operating Area (OPAREA) schedules with external agencies |
| E4 | CORE | Coordinate operations with tactical watch officers |
| E4 | CORE | Disseminate intelligence data |

## AIRCREW DUTIES (CONT'D)

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Enhance Recognized Maritime Picture (RMP) utilizing sensor systems |
| E5 | NON-CORE | Evaluate weapons employment |
| E4 | CORE | Operate tactical system consoles |
| E4 | CORE | Perform aircraft vector procedures |
| E4 | CORE | Perform Bomb Hit Assessments (BHA) |
| E4 | CORE | Perform flight mission planning |
| E4 | CORE | Perform mission equipment operational checks |
| E4 | CORE | Perform on station mission turnovers |
| E5 | NON-CORE | Plot water space management areas |
| E4 | CORE | Report contacts |
| E4 | NON-CORE | Review hot areas and air space restrictions |
| E5 | NON-CORE | Supervise tactical watch teams |

## AIRCREW TRAINING

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E5 | CORE | Administer aircrew training programs |
| E4 | CORE | Conduct acoustic and non-acoustic training |
| E4 | CORE | Conduct sensor operator proficiency training |
| E4 | CORE | Conduct target recognition training |
| E5 | NON-CORE | Conduct watch positional training |
| E6 | CORE | Coordinate warfare training exercises |
| E6 | CORE | Develop long and short range aircrew training plans |
| E5 | CORE | Develop tactical training materials |
| E6 | CORE | Supervise aircrew systems training |

## COMMUNICATIONS

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Conduct underwater communications |
| E4 | CORE | Identify pyrotechnic communications |
| E4 | CORE | Operate communications equipment |
| E4 | CORE | Perform brevity code communications |
| E4 | CORE | Perform radio communications |
| E6 | CORE | Supervise aircrew communications |
| E4 | CORE | Troubleshoot communications |

## ENVIRONMENTAL

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Analyze Bathythermograph (BT) data |
| E4 | CORE | Analyze bottom contour charts |
| E4 | CORE | Analyze environmental data |
| E4 | CORE | Analyze meteorological and oceanographic conditions |
| E4 | CORE | Analyze sound transmission paths |

## ENVIRONMENTAL (CONT'D)

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E5 | NON-CORE | Classify sound transmission paths |
| E4 | CORE | Determine tactical environmental considerations |
| E4 | CORE | Obtain environmental data and products |
| E4 | CORE | Perform on station environmental updates |
| E4 | CORE | Perform Operational Reporting (OPREP) procedures |

## SEARCH AND RESCUE (SAR)

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Plot survivor locations |

## SENSOR SYSTEMS

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Analyze active and passive contact data |
| E5 | NON-CORE | Analyze Electronic Warfare Support (ES) contacts |
| E4 | CORE | Analyze Infrared (IR) and Electro-Optical (EO) contact data |
| E4 | CORE | Analyze Inverse Synthetic-Aperture Radar (ISAR) contact information |
| E4 | CORE | Analyze mission tactical plots |
| E4 | CORE | Analyze pre and post-flight mission data |
| E4 | CORE | Analyze radar contact data |
| E4 | CORE | Classify Electronic Warfare Support (ES) contacts |
| E4 | CORE | Classify Infrared (IR) and Electro-Optical (EO) contacts |
| E4 | CORE | Classify Inverse Synthetic-Aperture Radar (ISAR) contact information |
| E4 | CORE | Classify non-acoustic contact data |
| E4 | CORE | Classify passive and active contacts |
| E4 | CORE | Collect contact information |
| E4 | CORE | Conduct Electronic Warfare Support (ES) searches |
| E4 | CORE | Conduct Identification Friend or Foe (IFF) |
| E4 | CORE | Conduct passive acoustic searches |
| E4 | CORE | Correlate Electronic Warfare Support (ES) contact information |
| E4 | CORE | Determine optimum sensor effectiveness |
| E4 | CORE | Evaluate in-flight radar data |
| E4 | CORE | Identify sonobouy aural cues |
| E4 | CORE | Initiate mission systems |
| E4 | CORE | Operate analysis equipment |
| E4 | CORE | Operate mission data recorder system equipment |
| E5 | NON-CORE | Perform Anti-Submarine Warfare (ASW) module watchstanding duties (e.g., Tactical Sensor Operator (TSO), Multi Sensor Operator (MSO), etc.) |
| E4 | CORE | Set up tactical plots |
| E6 | CORE | Supervise sensor systems operations |
| E4 | CORE | Track contacts and Targets of Interest (TOI) |
| E4 | CORE | Transmit data link information |

**SENSOR SYSTEMS (CONT'D)**

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Troubleshoot mission systems |

**SPECIAL WARFARE/VISUAL/PHOTOGRAPHIC OPERATIONS**

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Classify visual contacts information |

**TACTICS/TARGET MOTION ANALYSIS**

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E5 | NON-CORE | Analyze tactical missions |
| E4 | CORE | Calculate sensor ranges |
| E4 | CORE | Conduct Over-the-Horizon Targeting (OTHT) |
| E4 | CORE | Conduct Target Motion Analysis (TMA) |
| E4 | CORE | Construct search patterns |
| E4 | CORE | Determine acoustic sensor search depths |
| E4 | CORE | Determine attack criteria for weapons release |
| E5 | NON-CORE | Determine tactical intelligence considerations |
| E4 | CORE | Determine Target of Interest (TOI) datum |
| E5 | CORE | Develop tactical proficiency programs |
| E5 | NON-CORE | Develop tactical simulator scenarios |
| E5 | NON-CORE | Evaluate tactical plot operations |
| E5 | NON-CORE | Evaluate water space management |
| E4 | CORE | Identify contacts' Closest Point of Approach (CPA) |
| E5 | NON-CORE | Manage tactical data flow |
| E4 | CORE | Plot Electronic Warfare Support (ES) contact intercepts |
| E4 | CORE | Plot radar contact intercepts |
| E4 | CORE | Verify Area of Probability (AOP) |

**WEAPONS, ORDNANCE AND STORES**

| Paygrade | Task Type | Task Statements |
|---|---|---|
| E4 | CORE | Deploy mission stores |
| E4 | CORE | Deploy sonobuoy |
| E4 | CORE | Document ordnance expenditures |
| E4 | CORE | Program search stores |
| E4 | CORE | Verify sonobouy programmable settings |