# HELICOPTER SEARCH AND RESCUE TECHNICIAN

<table>
<thead>
<tr>
<th>TYPE</th>
<th>TYPE 1</th>
<th>NO TYPE 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>The Helicopter Search and Rescue (SAR) Technician:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td></td>
<td>1. Conducts air SAR, recovery, and evacuation operations from inside and outside the aircraft</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Performs air SAR and medical assistance that may include technical rescues using hoist or short-haul techniques</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. Performs specialized helicopter operations in all water environments, including swiftwater</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4. Conducts day or night air SAR under Visual Flight Rules (VFR) conditions; Aircraft flight operations may also require flight under Instrument Flight Rules (IFR) and night vision goggles (NVG), based on the mission and as the requestor specifies when ordering</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5. Performs Basic Life Support (BLS)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6. Reports to the Helicopter SAR Pilot in command or Helicopter SAR Crew Chief</td>
<td></td>
</tr>
<tr>
<td></td>
<td>7. Assists with overall search, rescue tactics, and medical operations</td>
<td></td>
</tr>
</tbody>
</table>

General functions:

1. Provides:
   a. Safety of self, team members, and operations
   b. Medical care of self, team members, and survivors
   c. Simple decontamination of self and team members
   d. Basic ground support for helicopter operations
2. Coordinates with ground vehicles, watercraft, and aircraft for operations and support
3. Operates in environments with and without infrastructure, including those affected by disasters and terrorism; with compromised access to roadways, utilities, and transportation; and with limited availability of shelter, food, and water

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>CRITERIA</th>
<th>CRITERIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUCATION</td>
<td>Not Specified</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

**NOTES:** Not Specified
## Position Qualifications for Mass Search and Rescue Operations

### Training

<table>
<thead>
<tr>
<th>TYPE</th>
<th>TYPE 1</th>
<th>NO TYPE 2</th>
</tr>
</thead>
</table>
|      | Completion of the following:  
1. IS-100: Introduction to Incident Command System, or ICS-100  
2. IS-200: ICS for Single Resources and Initial Action Incidents  
3. IS-700: National Incident Management System (NIMS) An Introduction  
4. IS-800: National Response Framework (NRF), An Introduction  
5. IS-809: Emergency Support Function (ESF) #9 – Search and Rescue  
6. Completion of an Agency Having Jurisdiction (AHJ)-validated Helicopter SAR training program  
7. Following Occupational Safety and Health Administration (OSHA) based coursework:  
a. Annual bloodborne pathogens training or equivalent  
b. Annual hazardous waste operations and emergency response or equivalent  
c. Annual hazardous materials first responder awareness or equivalent  
d. Respiratory protection, including the successful completion of a quantitative respiratory protection fit test and associated currency components, as applicable | Not Applicable |

**NOTES:** Not Specified

### Experience

<table>
<thead>
<tr>
<th>TYPE</th>
<th>TYPE 1</th>
<th>NO TYPE 2</th>
</tr>
</thead>
</table>
|      | Knowledge, Skills, and Abilities:  
1. Performs navigation, internal and external loads, rigging, and operation  
2. Provides preventive care and emergency corrective actions for all expected emergencies  
3. Inspects and maintains personal protective equipment (PPE), tools, devices, and equipment specific to this position  
4. Operates aircraft mounted and deployable rescue equipment  
Experience:  
Completion of a Helicopter SAR Position Task Book (PTB) or equivalent documentation | Not Applicable |

**NOTES:** Not Specified
Position Qualifications for Mass Search and Rescue Operations

<table>
<thead>
<tr>
<th>TYPE</th>
<th>TYPE 1</th>
<th>NO TYPE 2</th>
</tr>
</thead>
</table>
| PHYSICAL/MEDICAL FITNESS             | 1. Performs duties under arduous circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time  
2. Maintains physical fitness and swimming standards, in accordance with the AHJ’s Job Related Physical Ability Test (JRPAT)  
3. Meets minimum medical fitness standards in accordance with those of the Federal Aviation Administration (FAA) and AHJ  
4. Maintains immunizations in accordance with the U.S. Department of Health and Human Services Centers for Disease Control and Prevention recommended adult immunization schedule for the United States of America | Not Applicable |

NOTES:  
1. Arduous fitness or work capacity criteria is consistent with the physical fitness levels the National Wildlife Coordinating Group (NWCG) Wildland Fire Qualification Systems Guide defines, or AHJ-determined equivalent physical and medical fitness criteria.  
2. National Fire Protection Association (NFPA) 1582: Standard on Comprehensive Occupational Medical Programs for Fire Departments, or equivalent physical and medical fitness criteria at the AHJ’s determination.

| CURRENCY                              | 1. Annual refresher of related skills and emergency procedures in aircraft  
2. Functions in this position during an operational incident, planned event, participation in exercise, drill or simulation at least once every three years  
3. Background checks as applicable law permits or requires | Not Applicable |

NOTES: The provider must carry out and use any background checks as applicable law specifies. This may include a background check currency within twelve months; sex-offender registry check; and a local, state, and national based criminal history.

| PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS | AHJ-required BLS-level medical care certification or recertification | Not Applicable |

NOTES: Not Specified

ORDERING SPECIFICATIONS OR DESIGNATIONS

☐ Can be ordered as a single resource
☒ Can be ordered in conjunction with a NIMS typed team (Search and Rescue Aircraft – Helicopter/Rotary Wing)
☐ Can be ordered in conjunction with a NIMS typed unit

1. Discuss logistics for this position (such as security, lodging, transportation, and meals) prior to deployment.
2. This position works up to 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days. The FAA places restrictions on flight times for aircrews. Crews may not be able to fly 12 hours per shift. See 14 Code of Federal Regulations (CFR) Part 117 for more information.
REFERENCES

1. FEMA, NIMS 509-8: Helicopter Search and Rescue Pilot
2. FEMA, NIMS 508-8: Search and Rescue Aircraft – Helicopter/Rotary Wing
3. American National Standards Institute/American Society of Safety Engineers (ANSI/ASSE) Z359.1-2007 Safety Requirements for Personal Fall Arrest Systems, Subsystems & Components
14. 14 CFR Part 67 FAA, Medical Standards and Certification
17. 29 CFR Part 1910.132 OSHA, Airborne Pathogens
19. 29 CFR Part 1910.146 OSHA, Permit-Required Confined Spaces

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.