

## HELICOPTER SEARCH AND RESCUE TECHNICIAN

TYPE	TYPE 1	NO TYPE 2
<b>DESCRIPTION</b>	<p>Responsible for conducting air search and rescue (SAR), utilizing helicopters to locate lost, stranded, and/or abandoned individuals who may or may not be injured or in need of medical attention.</p> <p>Basic Life Support (BLS) medical treatment may be performed if needed. Air rescue and BLS may include but not be limited to technical rescues utilizing hoist or short-haul techniques in urban and rural areas, mountainous terrain, swift water, still water, or off-shore rescues and on-scene medical evacuations of disaster victims with life threatening injuries.</p> <p>This is an entry-level position within a helicopter rescue unit (single resource).</p>	Not Applicable
<b>CATEGORY</b>	<b>CRITERIA</b>	<b>CRITERIA</b>
<b>EDUCATION</b>	<p>Not Specified</p> <p><b>NOTES:</b> None</p>	Not Applicable
<b>TRAINING</b>	<p>Fulfillment of requirement(s) or equivalent as stated in the following standard(s):</p> <ol style="list-style-type: none"> <li>1. Helicopter Rescue Operations – DOI AM S-271 or equivalent (including SAR specific risk assessment, hazard mitigation, Personal Protective Equipment)</li> <li>2. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection</li> </ol> <p>Completion of the following courses or equivalent:</p> <ol style="list-style-type: none"> <li>1. IS/ICS-100: Introduction to Incident Command System</li> <li>2. IS/ICS-200: ICS for Single Resources and Initial Action Incidents</li> <li>3. IS/ICS-700: National Incident Management System (NIMS), An Introduction</li> <li>4. IS/ICS-800: National Response Framework (NRF), An Introduction</li> </ol>	Not Applicable

**DRAFT – Pre-Decisional– DRAFT**

<p><b>TRAINING</b></p>	<p>Completion of awareness-level training in the following topics:</p> <ol style="list-style-type: none"> <li>1. Rescue Technician as required by the agency having jurisdiction (AHJ) to include the following topics:             <ol style="list-style-type: none"> <li>a. Technical rescuer</li> <li>b. Job performance requirements</li> <li>c. Rope rescue</li> <li>d. Surface water rescue</li> <li>e. Swift water/flood rescue</li> <li>f. Urban Search &amp; Rescue (US&amp;R)</li> <li>g. Land rescue</li> <li>h. Mountain/technical rescue</li> <li>i. Structural collapse rescue</li> <li>j. Disaster rescue</li> <li>k. Still water rescue</li> <li>l. Wilderness rescue</li> </ol> </li> <li>2. U.S. Department of Interior (DOI) Interagency Helicopter Operations Guide (IHOG) External Loads curricula or equivalent</li> <li>3. Helicopter Search and Rescue Technician training commensurate with the environments in which they are operating (Swift/Flood Water Rescue Technician, Mountain SAR Technician, etc.)</li> <li>4. Annual refresher of skills through incident operations, exercises, drills, or training as approved by AHJ</li> <li>5. Use of related tools, devices, and equipment</li> <li>6. Aviation Crew Resource Management (CRM)/Aeronautical Decision-Making (ADM), Emergency Procedures, Aircraft Familiarization, Survival to include aircraft water immersion</li> <li>7. Communication for general and special use operations and emergencies</li> <li>8. General Helispot or Landing Zone Management</li> <li>9. Operational training, including:             <ol style="list-style-type: none"> <li>a. Ability to perform general and internal and external load rescue rigging and operations</li> <li>b. Knowledge and training in preventive and Emergency Corrective Actions (ECAs) and/or Emergency Procedures (EPs) for all reasonably expected emergencies including external load rigging emergencies provided by their program (short haul, helicopter rappel, cable hoist, etc.)</li> </ol> </li> <li>10. Functional training in all general aviation and special-use techniques to be performed in operations (human external loads such as short haul, hoist, rappel; still and moving water insertions; reconnaissance/surveillance; confined area techniques; night flight; hover ingress-egress; toe-in ingress-egress; single skid landings)</li> </ol>	<p>Not Applicable</p>
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	11. Environmental/operational training as required by the AHJ or operation (land, mountain/technical, still water, swift water, ocean, urban, disaster, altitudes of approximately 10,000 feet [3,000 meters] ASL and above) 12. Bloodborne/Airborne Pathogens Training	
<b>NOTES: None</b>		
<b>EXPERIENCE</b>	Knowledge, Skills and Ability:  Completion of the following: 1. Position task book or equivalent documentation that validates and verifies (by AHJ) demonstrated ability to perform required skills in exercises and/or incident operations  Experience: 1. Demonstrated experience as a Technician in the discipline as verified by the AHJ	Not Applicable
<b>NOTES: None</b>		
<b>PHYSICAL/ MEDICAL FITNESS</b>	Completion of the following: 1. Minimum physical fitness and swimming standards, Job Related Physical Ability Test, as required by the AHJ 2. Medical and physical fitness requirements that include the ability to perform duties under arduous circumstance characterized by working under physical and emotional stress for sustained periods of time	Not Applicable
<b>NOTES: None</b>		
<b>CURRENCY</b>	No less than every 3 years or as determined by the AHJ	Not Applicable
<b>NOTES: None</b>		
<b>PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS</b>	1. Certification by the AHJ in all training requirements listed above 2. Completion of certification as Paramedic or EMT-B level as defined by the NIMS EMS credentialing 3. Uniform and national Search and Rescue Technician certification standard (initial and re-certification) 4. Criminal background check	Not Applicable
<b>NOTES: None</b>		

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## ORDERING SPECIFICATIONS OR DESIGNATIONS

- Can be ordered as an individual asset
- Can be ordered in conjunction with a NIMS typed team
- Can be ordered in conjunction with a NIMS typed unit (*Helicopter*)

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## REFERENCES

1. The following sections from NFPA 1006: Standard for Rescue Technician Professional Qualifications, 2008 edition:
  - Technical Rescuer
  - Job Performance Requirements
  - Rope Rescue
  - Surface Water Rescue
  - Swift water Rescue
2. NFPA 1670: Standard on Operations and Training for Technical Search and Rescue Incidents, 2009
3. ASTM F2209-10: Standard Guide for Training on Level I Land Search Team Member or equivalent

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## NOTE

Nationally typed resources represent the minimum criteria for the associated category.