

## HELICOPTER SEARCH AND RESCUE CREW CHIEF

TYPE	TYPE 1	NO TYPE 2
<b>DESCRIPTION</b>	<p>Responsible for assisting helicopter search and rescue (SAR) pilot with navigation, air rescue, aviation communications, and supervising a qualified crew conducting air SAR utilizing a helicopter to locate lost, stranded, and/or abandoned individuals who may or may not be injured or in need of medical attention; and conducting air rescue tasks from inside the helicopter (i.e., external load rigging, operation, and communication).</p> <p>Basic Life Support (BLS) medical treatment may be performed if needed. Air rescue and BLS may include but not 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. Air searches and rescues may be conducted day or night under visual flight rule (VFR) conditions.</p> <p>This is a mid-level supervisory and tactical position within a helicopter rescue unit (single resource).</p>	Not Applicable
<b>CATEGORY</b>	<b>CRITERIA</b>	<b>CRITERIA</b>
<b>EDUCATION</b>	Not Specified	Not Applicable
	<b>NOTES:</b> None	
<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. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection</li> <li>2. Training standards as required by the agency having jurisdiction (AHJ) related to Helicopter Rescue Operation.</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**

<b>TRAINING</b>	<p>Completion of awareness-level training in the following topics:</p> <ol style="list-style-type: none"> <li>1. Has a working knowledge commensurate with the environment and the duties of the Helicopter SAR Technician (HSRT) as required by the AHJ that may 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 and rescue (US&amp;R)</li> <li>g. Land rescue</li> <li>h. Mountain/technical rescue</li> <li>i. Structural rescue</li> <li>j. Disaster rescue</li> <li>k. Still water rescue</li> <li>l. Wilderness rescue</li> </ol> </li> <li>2. Has training commensurate with the environments in which they are operating</li> <li>3. SAR-specific risk assessment</li> <li>4. SAR-specific hazard mitigation, including multi-aircraft operations</li> <li>5. SAR-specific personal protective equipment (PPE)</li> <li>6. Use of related tools, devices, and equipment</li> <li>7. Aviation Crew Resource Management (CRM)/Aeronautical Decision-Making (ADM), Emergency Procedures, Aircraft Familiarization, Survival to include aircraft water immersion</li> <li>8. Crew Chief Operational Training, including:               <ul style="list-style-type: none"> <li>• Ability to assist pilot with navigation and general external load communications and emergency communications</li> <li>• Ability to perform general and internal and external load rescue rigging and operations.</li> </ul> </li> <li>9. 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> <li>10. Crew Chief 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; recon/surveillance; confirmed area techniques; night flight; hover ingress-egress; toe in ingress-egress; single skid landings)</li> <li>11. Bloodborne/Airborne Pathogens Training</li> </ol>	Not Applicable
	<p><b>NOTES:</b> None</p>	

<b>EXPERIENCE</b>	<p>Knowledge, Skills and Ability:</p> <ol style="list-style-type: none"> <li>1. Position task book or equivalent documentation documenting ability to perform required skills as demonstrated through incidents and exercises as approved by the AHJ</li> <li>2. Able to assist helicopter SAR pilot with navigation, internal and external load, and emergency communications</li> <li>3. Able to perform rescue and internal and external load rigging and operation</li> <li>4. Able to provide preventative care and emergency corrective actions for all expected emergencies</li> </ol> <p>Experience:</p> <ol style="list-style-type: none"> <li>1. Demonstrated experience as a Helicopter Search and Rescue Crew Chief as verified by the AHJ</li> </ol> <p>Completion of the following:</p> <ol style="list-style-type: none"> <li>1. SAR familiarization for all hazards and environments for which the crew chief may reasonably be expected to perform SAR techniques in (swift/flood water rescue technician, mountain SAR technician, etc.)</li> </ol>	Not Applicable
	<b>NOTES:</b> None	
<b>PHYSICAL/ MEDICAL FITNESS</b>	<p>Completion of the following:</p> <ol style="list-style-type: none"> <li>1. Minimum physical fitness and swimming standards, Job Related Physical Ability Test, as required by the AHJ</li> <li>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</li> </ol>	Not Applicable
	<b>NOTES:</b> None	
<b>CURRENCY</b>	No less than every 3 years or as determined by the AHJ	Not Applicable
	<b>NOTES:</b> None	
<b>PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS</b>	<p>Uniform and national Search and Rescue Crew Chief certification standard (initial and re-certification)</p> <p>Criminal background check</p>	Not Applicable
	<b>NOTES:</b> None	

## ORDERING SPECIFICATIONS OR DESIGNATIONS

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- 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*)

## REFERENCES

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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

## NOTE

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