## CANINE SEARCH SPECIALIST – DISASTER/STRUCTURAL COLLAPSE HUMAN REMAINS

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<tr>
<th>TYPE</th>
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| DESCRIPTION | Same as Type 2, PLUS: Handles one canine that is trained to search for and detect human remains scent in a collapsed structure defined as “heavy” and “medium” as per the UN INSARAG Guideline and Methodology for US&R categories for structures  
1. Heavy construction: Failed structures of heavy floor, pre-cast concrete, reinforced concrete, steel frame construction, and mass transportation equipment  
2. Medium construction: Failed structures of heavy wall and non-reinforced concrete construction, confined spaces (permit required), trenches and excavations | The Canine Search Specialist – Disaster/Structural Collapse Human Remains:  
1. Handles one canine that is trained to search for and detect human remains scent in a collapsed structure defined as “light” as per the United Nations (UN) International Search and Rescue Advisory Group’s (INSARAG) Guideline and Methodology for Urban Search & Rescue (US&R) categories for structures  
   a. Light construction: Failed structures of light frame construction  
2. Requests rescue, evacuation, and recovery resources  
3. Performs medical care to include first aid |  
General functions:  
1. Deploys for up to 14 days, ready to deploy within 24 hours of notification, is self-sustainable for 72 hours upon arrival; handler determines duty cycle of dog based on assignment, environment, terrain, and other factors affecting detection performance  
2. Provides:  
   a. Safety of self, team members, and operations  
   b. Medical care of self and team members  
   c. Simple decontamination of self and team members  
   d. Basic ground support capability for helicopter operations  
3. Coordinates with ground vehicles, watercraft, and aircraft for support, transportation, and evacuation  
4. Operates in environments with and without infrastructure including those affected by disasters and terrorism; with compromised access to roadways, utilities, and transportation; and limited availability of shelter, food, and water |

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<tr>
<th>CATEGORY</th>
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<tr>
<td>EDUCATION</td>
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NOTES: Not Specified
## TRAINING

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| Same as Type 2 | Completion of the following:  
1. IS-100: Introduction to Incident Command System (ICS) or ICS-100  
2. IS-200: ICS for Single Resources and Initial Action Incidents  
3. IS-700: National Incident Management System (NIMS), An Introduction  
5. Annual bloodborne pathogens training in accordance with Occupational Safety and Health Administration (OSHA) regulation  
6. First aid to include cardiopulmonary resuscitation (CPR) and automated external defibrillator (AED)  
7. Canine first aid |
|       | Completion of an Agency Having Jurisdiction (AHJ)-validated training program meeting the recommendations specific to a Canine Search Specialist – Disaster/Structural Collapse Human Remains that includes, but is not limited to, the following:  
Awareness of the following:  
3. Crime scene preservation |
|       | Training in the following:  
1. FEMA National US&R Response System Canine Search Specialist course or equivalent  
2. ASTM International (ASTM) F2209: Standard Guide for Training of Level I Land Search Team Member  
4. ASTM F1848: Standard Classification for Search and Rescue Dog Crew/Teams  

**NOTES:** Not Specified
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| **EXPERIENCE** | Same as Type 2 | Knowledge, Skills, and Abilities:  
1. Functions at the Specialist level  
2. Identifies and applies the role of Canine Search Specialist within the incident management structure  
3. Knowledge of canine search and associated hazards  
4. Knowledge of the capabilities of canine search  
5. Understanding of canine search procedures during day and night operations  
Experience:  
Completion of the Canine Search Specialist – Disaster/Structural Collapse Human Remains Position Task Book (PTB) or equivalent documentation |
| **PHYSICAL/ MEDICAL FITNESS** | Same as Type 2 | 1. Performs duties under arduous circumstances under physical and emotional stress for sustained periods of time  
2. Meets minimum physical fitness standards, in accordance with AHJ Job Related Physical Ability Test (JRPAT)  
3. Maintains AHJ-determined physical fitness standards suitable for the environment and typing; National Fire Protection Association (NFPA) 1582 Standard on Comprehensive Occupational Medical Program for Fire Departments meets or exceeds this physical fitness standard  
4. Maintains immunizations in accordance with the Department of Health and Human Services Centers for Disease Control's recommended adult immunization schedule for the United States of America  
5. Licensed veterinarian performs annual examination on canine to verify canine has no defects or illnesses that would preclude performing during deployments |
| **CURRENCY** | Same as Type 2 | 1. Annual refresher of related SAR skills and abilities, at the AHJ’s determination  
2. Operational incident experience or participation in exercises, drills, or simulations within three years of AHJ’s approval to serve as a Canine Search Specialist  
3. Background checks as applicable law permits or requires |
| **NOTES:** | Not Specified | 1. Handler determines duty cycle of dog based on assignment, environment, terrain, and other factors affecting detection performance.  
2. Arduous fitness or work capacity criteria are 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.  
3. The provider must carry out and use any background checks 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. |
### Type Qualifications for Mass Search and Rescue Operations

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| PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS | Same as Type 2 | 1. FEMA Canine Search Team Certification Evaluation - Human Remains Detection or equivalent  
2. AHJ certification or documentation for all required training  
3. International Police Work Dog Association (IPWDA) Urban Search and Rescue Disaster Criteria or equivalent, substituting human remains scent source for live subjects |

**NOTES:** Not Specified
ORDERING SPECIFICATIONS OR DESIGNATIONS

☒ Can be ordered as a single resource
☒ Can be ordered in conjunction with a NIMS typed team (Canine Search Team – Disaster/Structural Collapse Human Remains)
☐ 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.

REFERENCES

1. FEMA, NIMS 508-8: Canine Search Team – Disaster/Structural Collapse Human Remains
2. FEMA, National US&R Response System, Canine Search Specialist course
5. ASTM F2209: Standard Guide for Training of Level I Land Search Team Member, 2014
12. 29 Code of Federal Regulations (CFR) Part 1910.1030 Occupational Safety and Health Administration (OSHA), Bloodborne Pathogens

NOTE

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