

CANINE SEARCH SPECIALIST - DISASTER/STRUCTURAL COLLAPSE HUMAN REMAINS

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| RESOURCE CATEGORY | Search and Rescue |
| RESOURCE KIND | Personnel |
| OVERALL FUNCTION | The Canine Search Specialist handles one canine that is trained to search for and detect human remains in a collapsed structure |
| COMPOSITION AND ORDERING SPECIFICATIONS | <ol style="list-style-type: none"> 1. This position can be ordered as a single resource or in conjunction with a NIMS typed team (Canine Search Team - Disaster/Structural Collapse Human Remains). 2. Discuss logistics for deploying this position, such as working conditions, length of deployment, security, lodging, transportation, and meals, prior to deployment 3. This position typically works 12 hours per shift, is self-sustainable for 72 hours and is deployable up to 14 days 4. This position is ready to deploy within 24 hours of notification |

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.

| COMPONENT | TYPE 1 | TYPE 2 | NOTES |
|--------------------|--|--|---------------|
| DESCRIPTION | <p>Same as Type 2 PLUS: Handles one canine that is trained to search for and detect human remains in a collapsed structure defined as "heavy" and "medium" as per the UN INSARAG Guideline and Methodology for US&R categories for structures</p> <ol style="list-style-type: none"> 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 | <p>The Canine Search Specialist - Disaster/Structural Collapse Human Remains:</p> <ol style="list-style-type: none"> 1. Handles one canine that is trained to search for and detect human remains 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 <ol style="list-style-type: none"> a. Light construction: Failed structures of light frame construction 2. Requests rescue, evacuation and recovery resources 3. Performs medical care to include first aid 4. Provides: <ol style="list-style-type: none"> a. Safety of self and team members b. Basic medical care of self, team members and survivors c. Simple decontamination of self and team members d. Basic ground support capability for helicopter operations 5. Coordinates with ground vehicles, watercraft and aircraft for support, transportation and evacuation 6. 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 | Not Specified |



Position Qualification for Mass Search and Rescue Operations Search and Rescue

| COMPONENT | TYPE 1 | TYPE 2 | NOTES |
|------------|----------------|--|---|
| EDUCATION | Not Specified | Not Specified | Not Specified |
| TRAINING | Same as Type 2 | <p>Completion of the following:</p> <ol style="list-style-type: none">1. IS-100: Introduction to Incident Command System (ICS) or ICS-1002. IS-200: Basic Incident Command System for Initial Response, ICS-2003. IS-700: National Incident Management System, An Introduction4. IS-800: National Response Framework, An Introduction5. Training in accordance with Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.1030: Bloodborne Pathogens6. First aid to include cardiopulmonary resuscitation (CPR) and automated external defibrillator (AED)7. Canine first aid8. Completion of an Authority Having Jurisdiction (AHJ)-validated training program that meets or exceeds the recommendations specific to a Canine Search Specialist - Disaster/Structural Collapse Human Remains9. ASTM International (ASTM) F1847: Standard Guide for Demonstrating Minimum Skills of Search and Rescue Dogs and Handlers or equivalent10. ASTM F1848: Standard Classification for Search and Rescue Dog Crew/Teams or equivalent11. ASTM F1879: Standard Guide for Demonstrating Obedience and Agility in Search and Rescue Dogs or equivalent12. ASTM F2209: Standard Guide for Training of Level I Land Search Team Member or equivalent | <p>Awareness of the following:</p> <ol style="list-style-type: none">1. ASTM F2890: Standard Guide for Hazard Awareness for Search and Rescue Personnel or equivalent2. ASTM F3072: Standard Guide for Intermediate Wilderness Global Position System (GPS)-Global Navigation Satellite System (GNSS) Use (GPS-GNSS IIW) Endorsement or equivalent3. Crime scene preservation |
| EXPERIENCE | Same as Type 2 | <p>Knowledge, Skills and Abilities:</p> <ol style="list-style-type: none">1. Knowledge of canine search and associated hazards2. Knowledge of the capabilities of canine search3. Understanding of canine search procedures during day and night operations <p>Experience:</p> <p>Completion of the Canine Search Specialist - Disaster/Structural Collapse Human Remains Position Task Book (PTB) or equivalent documentation</p> | Not Specified |



Position Qualification for Mass Search and Rescue Operations Search and Rescue

| COMPONENT | TYPE 1 | TYPE 2 | NOTES |
|---|----------------|--|---|
| PHYSICAL/MEDICAL FITNESS | Same as Type 2 | <ol style="list-style-type: none">1. Arduous2. Meets minimum physical fitness standards, in accordance with AHJ Job Related Physical Ability Test (JRPAT)3. Maintains AHJ-determined medical standards suitable for the environment and job requirements4. Maintains immunizations in accordance with current AHJ requirements5. Is able to work while wearing appropriate Personal Protective Equipment (PPE)6. Licensed veterinarian performs annual examination on canine to verify canine has no defects or illnesses that would preclude performing during deployments | <ol style="list-style-type: none">1. NIMS Guideline for the National Qualification System (NQS) defines Physical/Medical Fitness level for NIMS positions2. PPE is mission specific and may vary by working environment and it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves and masks3. Handler determines duty cycle of canine based on assignment, environment, terrain and other factors affecting detection performance |
| CURRENCY | Same as Type 2 | <ol style="list-style-type: none">1. Annual refresher of related SAR skills and abilities, at the AHJ's determination2. Background checks as applicable law permits or requires3. Functions in this position during an operational incident, planned event, exercise, drill or simulation at least once every five years | Provider must carry out and use any background checks as applicable law specifies. This may include: <ol style="list-style-type: none">1. A background check completed within past 12 months2. A sex-offender registry check3. A local, state and national criminal history |
| PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS | Same as Type 2 | American Rescue Dog Association (ARDA) Human Remains Detection Certification Evaluation or equivalent | Not Specified |



Position Qualification for Mass Search and Rescue Operations Search and Rescue

NOTES

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

REFERENCES

1. FEMA, NIMS 508: Canine Search Team – Disaster/Structural Collapse Human Remains
2. FEMA, National Incident Management System (NIMS), October 2017
3. FEMA, NIMS Guideline for the National Qualification System, November 2017
4. FEMA, National Response Framework, October 2019
5. American Rescue Dog Association (ARDA), Human Remains Detection Certification Evaluation, May 2016
6. ASTM F1847: Standard Guide for Demonstrating Minimum Skills of Search and Rescue Dogs and Handlers
7. ASTM F1848: Standard Classification for Search and Rescue Dog Crew/Teams, May 2014
8. ASTM F1879: Standard Guide for Demonstrating Obedience and Agility in Search and Rescue Dogs, August 2023
9. ASTM F2209: Standard Guide for Training of Level I Land Search Team Member, September 2014
10. ASTM F2890: Standard Guide for Hazard Awareness for Search and Rescue Personnel, August 2023
11. ASTM F3072: Standard Guide for Intermediate Wilderness GPS-GNSS Use (GPS-GNSS-IIW) Endorsement, April 2020
12. United Nations (UN) International Search and Rescue Advisory Group (INSARAG), Guidelines and Methodology, 2012
13. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.1030: Bloodborne Pathogens, latest edition adopted