



CANINE SEARCH SPECIALIST - DISASTER/STRUCTURAL COLLAPSE LIVE

RESOURCE CATEGORY	Search and Rescue
RESOURCE KIND	Personnel
OVERALL FUNCTION	The Canine Search Specialist - Disaster/Structural Collapse Live handles one canine that is trained to search for and detect live humans 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 (See below).2. Discuss logistics for deploying this position, such as working conditions, length of deployment, security, lodging, transportation, and meals, prior to deployment3. This position can be ordered in conjunction with a NIMS typed team, including: Canine Search and Rescue Team - Disaster/Structural Collapse Live OR Urban Search and Rescue Task Force4. This position typically works 12 hours per shift, is self-sustainable for 72 hours and is deployable up to 14 days5. 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 live humans 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 equipment2. 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 Live:</p> <ol style="list-style-type: none">1. Handles one canine that is trained to search for and detect live humans 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 construction2. Requests rescue, evacuation and recovery resources3. Performs medical care to include first aid4. Provides:<ol style="list-style-type: none">a. Safety of self and team membersb. Basic medical care of self, team members and survivorsc. Simple decontamination of self and team membersd. Basic ground support capability for helicopter operations5. Coordinates with ground vehicles, watercraft and aircraft for support, transportation and evacuation6. 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
EDUCATION	Not Specified	Not Specified	Not Specified



Position Qualification for Mass Search and Rescue Operations Search and Rescue

COMPONENT	TYPE 1	TYPE 2	NOTES
TRAINING	Same as Type 2	<p>Completion of the following courses:</p> <ol style="list-style-type: none">1. IS-100: Introduction to Incident Command System 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 Live9. 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 Live 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. Moderate2. Meets minimum physical fitness standards, in accordance with the AHJ's Job Related Physical Ability Test (JRPAT)3. Maintains AHJ-determined medical fitness 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 the 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. Functions in this position during an operational incident, planned event, exercise, drill or simulation at least once every five years3. Background checks as applicable law permits or requires	<p>Provider must carry out and use any background checks as applicable law specifies. This may include:</p> <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	American Rescue Dog Association (ARDA) Area Search Certification, or equivalent	Not Specified	Not Specified

NOTES

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

REFERENCES

1. FEMA, NIMS 508: Canine Search Team – Disaster/Structural Collapse Live
2. FEMA, National Incident Management System (NIMS), October 2017
3. FEMA, NIMS Guideline for NQS, November 2017
4. FEMA, National Response Framework, October 2019
5. American Rescue Dog Association (ARDA), Area Search Certification, May 2016
6. ASTM F1847: Standard Guide for Demonstrating Minimum Skills of Search and Rescue Dogs and Handlers, August 2017
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