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	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 deployment 3. 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 Force

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	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 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 Live: 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 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. 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 5. Provides: 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 6. Coordinates with ground vehicles, watercraft, and aircraft for support, transportation, and evacuation 7. 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

COMPONENT	TYPE 1	TYPE 2	NOTES
TRAINING	Same as Type 2	Completion of the following courses: 1. IS-100: Introduction to Incident Command System or ICS-100 2. IS-200: Basic Incident Command System for Initial Response, ICS-200 3. IS-700: National Incident Management System (NIMS), An Introduction 4. IS-800: National Response Framework, An Introduction 5. Training in accordance with Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.1030: Bloodborne Pathogens 6. First aid to include cardiopulmonary resuscitation (CPR) and automated external defibrillator (AED) 7. Canine first aid 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 Live that includes, but is not limited to, the following: Awareness of the following: 1. ASTM International (ASTM) F3072 Standard Guide for Intermediate Wilderness Global Position System (GPS)-Global Navigation Satellite System (GNSS) Use (GPS-GNSS-IIW) Endorsement or equivalent 2. ASTM F2890: Standard Guide for Hazard Awareness for Search and Rescue Personnel or equivalent 3. Crime scene preservation Training in the following: 1. ASTM F2209: Standard Guide for Training of Level I Land Search Team Member or equivalent 2. ASTM F1847: Standard Guide for Demonstrating Minimum Skills of Search and Rescue Dogs and Handlers or equivalent 3. ASTM F1848: Standard Classification for Search and Rescue Dog Crew/Teams or equivalent 4. ASTM F1879: Standard Guide for Demonstrating Obedience and Agility in Search and Rescue Dogs or (Continued)	Not Specified
TRAINING		(Continued) equivalent	

COMPONENT	TYPE 1	TYPE 2	NOTES
EXPERIENCE	Same as Type 2	Knowledge, Skills, and Abilities: 1. Knowledge of canine search and associated hazards 2. Knowledge of the capabilities of canine search 3. Understanding of canine search procedures during day and night operations Experience: Completion of the Canine Search Specialist - Disaster/Structural Collapse Live Position Task Book (PTB) or equivalent documentation	Not Specified
PHYSICAL/MEDICAL FITNESS	Same as Type 2	1. Moderate 2. 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 requirements 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	1. NIMS Guideline for the National Qualification System (NQS) defines Physical/Medical Fitness levels for NIMS positions. 2. Handler determines duty cycle of the dog based on assignment, environment, terrain, and other factors affecting detection performance.
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 planned event, exercises, drills, or simulations within three years of the AHJ's approval to serve as a Canine Search Specialist 3. Background checks as applicable law permits or requires	Provider must carry out and use any background checks as applicable law specifies. This may include a background check completed within past 12 months; sex-offender registry check; and a local, state, and a local, state, and national criminal history.
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	1. FEMA Canine Search Team Certification Evaluation - Human Remains Detection or equivalent 2. FEMA Foundation Skills Assessment (Canine Search Specialist Certification Process) 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, June 2016
5. FEMA National US&R Response System Canine Search Specialist course
6. ANSI/EMAP 1-2016 National Urban Search and Rescue Standard, 2016
7. ASTM International (ASTM) F1847: Standard Guide for Demonstrating Minimum Skills of Search and Rescue Dogs and Handlers, 2014
8. ASTM F1848: Standard Classification for Search and Rescue Dog Crew/Teams, 2014
9. ASTM F2209: Standard Guide for Training of Level I Land Search Team Member, 2014
10. ASTM F2890: Standard Guide for Hazard Awareness for Search and Rescue Personnel, 2012
11. ASTM F3072: Standard Guide for Intermediate Wilderness GPS-GNSS Use (GPS-GNSS-IIW) 2014
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