



CANINE SEARCH SPECIALIST - WATER HUMAN REMAINS

RESOURCE CATEGORY	Search and Rescue
RESOURCE KIND	Personnel
OVERALL FUNCTION	The Canine Search Specialist - Water Human Remains handles one canine that is trained to search for and detect human remains in and along bodies of stillwater and swiftwater/flood
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 - Water Human Remains).2. Discuss logistics for deploying this position, such as working conditions, length of deployment, security, lodging, transportation, and meals, prior to deployment3. The position typically works 12 hours per shift, is self-sustainable for 72 hours and is deployable up to 14 days4. 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	Same as Type 2, PLUS: Handles one canine trained to search for and detect human remains in and along bodies of swift water and swift water/flood	The Canine Search Specialist - Water Human Remains: <ol style="list-style-type: none">1. Handles one canine trained to search for and detect human remains in and along bodies of stillwater2. 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, PLUS: Completion of training in the following: 1. Assessment of water conditions and determination of swift water hazards 2. Performance of self-rescue and survival swimming in swiftwater that meets or exceeds ASTM F1739: Standard Guide for Performance of a Water Rescuer - Level I or equivalent	Completion of the following: 3. IS-100: Introduction to Incident Command System (ICS) or ICS -100 4. IS-200: Basic Incident Command System for Initial Response, ICS-200 5. IS-700: National Incident Management System, An Introduction 6. IS-800: National Response Framework, An Introduction 7. Training in accordance with Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.1030: Bloodborne Pathogens 8. First aid to include cardiopulmonary resuscitation (CPR) and automated external defibrillator (AED) 9. Canine first aid 10. Completion of an Authority Having Jurisdiction (AHJ)-validated training program that meets or exceeds the recommendations specific to a Canine Search Specialist - Water Human Remains 11. ASTM International (ASTM) F1847: Standard Guide for Demonstrating Minimum Skills of Search and Rescue Dogs and Handlers or equivalent 12. ASTM F1848: Standard Classification for Search and Rescue Dog Crew/Teams or equivalent 13. ASTM F1879: Standard Guide for Demonstrating Obedience and Agility in Search and Rescue Dogs or equivalent 14. ASTM F2209: Standard Guide for Training of Level I Land Search Team Member or equivalent 15. Performance of survival swimming and self-rescue in stillwater as defined in ASTM F1739: Standard Guide for Performance of a Water Rescuer - Level I or equivalent	Awareness of the following: 1. ASTM F2890: Standard Guide for Hazard Awareness for Search and Rescue Personnel or equivalent 2. ASTM F3072: Standard Guide for Intermediate Wilderness Global Position System (GPS)-Global Navigation Satellite System (GNSS) Use (GPS-GNSS IIW) Endorsement or equivalent 3. Crime scene preservation
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. Understands canine search procedures during day and night operations Experience: Completion of the Canine Search Specialist - Water Human Remains Position Task Book (PTB) or equivalent documentation	Not Specified



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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 and swimming standards set through Job Related Physical Ability Test (JRPAT) set by AHJ3. 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 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 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	Same as Type 2, PLUS: Certified in Swiftwater: NASAR Canine Certification Programs, Canine HRD (Water), Field Stations Only, Openwater Search Station or equivalent	<p>Certified in Stillwater: National Association for Search and Rescue (NASAR) Canine Certification Programs, Canine HRD (Water), Field Stations Only</p> <ol style="list-style-type: none">1. Shore-Based/Bank Search Stations 1 and 22. Open water Search Station 2	Not Specified



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NOTES

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

REFERENCES

1. FEMA, NIMS 508: Canine Search Team – Water Human Remains
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. ASTM International (ASTM) F1739: Standard Guide for Performance of a Water Rescuer – Level I, November 2018
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. National Association for Search and Rescue (NASAR) Canine Certification Programs, Canine HRD (Water), latest edition adopted
13. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.1030: Bloodborne Pathogens, latest edition adopted