

Search and Rescue (SAR) Working Group

JOB TITLES

The Search and Rescue (SAR) Working Group determined the following job titles to be the most commonly requested SAR personnel in an interstate, mutual-aid-based response:

SAR Job Title 1:	Disaster Collapsed Structure Canine Search Manager
SAR Job Title 2:	Disaster Collapsed Structure Canine Search Technical Specialist (Advisor)
SAR Job Title 3:	Disaster Collapsed Structure Canine Search Technician
SAR Job Title 4:	Helicopter Search and/or Rescue Crew Chief (<i>Disaster, Mountain, Stillwater, Swiftwater, Wilderness, Urban, et al</i>)
SAR Job Title 5:	Helicopter Search and/or Rescue Pilot (<i>Disaster, Mountain, Stillwater, Swiftwater, Wilderness, Urban, et al</i>)
SAR Job Title 6:	Helicopter Search and/or Rescue Technician (<i>Disaster, Mountain, Stillwater, Swiftwater, Wilderness, Urban, et al</i>)
SAR Job Title 7:	Human Remains Canine Search Manager
SAR Job Title 8:	Human Remains Canine Search Technical Specialist (Advisor)
SAR Job Title 9:	Human Remains Canine Search Technician
SAR Job Title 10:	Mountain Search and/or Rescue Manager
SAR Job Title 11:	Mountain Search and/or Rescue Technical Specialist (Advisor)
SAR Job Title 12:	Mountain Search and/or Rescue Technician
SAR Job Title 13:	Mountain Search and/or Rescue Unit Leader
SAR Job Title 14:	Emergency Services Technical SAR Manager
SAR Job Title 15:	Emergency Services Technical SAR Technician
SAR Job Title 16:	Logistics Search and/or Rescue Technician (<i>Disaster, Mountain, Stillwater, Swiftwater, Wilderness, Urban, et al</i>)
SAR Job Title 17:	Medical Search and/or Rescue Technician (<i>Disaster, Mountain, Stillwater, Swiftwater, Wilderness, Urban, et al</i>)
SAR Job Title 18:	Structural Collapse Rescue Manager
SAR Job Title 19:	Structural Collapse Rescue Technician
SAR Job Title 20:	Structural Collapse Search Manager
SAR Job Title 21:	Structural Collapse Search Technician
SAR Job Title 22:	Swiftwater/Flood Rescue Manager
SAR Job Title 23:	Swiftwater/Flood Rescue Technician
SAR Job Title 24:	Swiftwater/Flood Rescue Technician- Boat Bowman
SAR Job Title 25:	Swiftwater/Flood Rescue Technician- Boat Operator
SAR Job Title 26:	Swiftwater/Flood Rescue Technical Specialist (Advisor)
SAR Job Title 27:	Swiftwater/Flood Rescue Technician- Animal Rescue
SAR Job Title 28:	Swiftwater/Flood Rescue Unit Leader
SAR Job Title 29:	Water Canine Search Manager
SAR Job Title 30:	Water Canine Search Technician
SAR Job Title 31:	Wilderness Air Scent Canine Search Manager
SAR Job Title 32:	Wilderness Air Scent Canine Search Technician
SAR Job Title 33:	Wilderness Search and/or Rescue Manager
SAR Job Title 34:	Wilderness Search and/or Rescue Technical Specialist (Advisor)
SAR Job Title 35:	Wilderness Search and/or Rescue Technician
SAR Job Title 36:	Wilderness Search and/or Rescue Unit Leader

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

REQUISITE AND RECOMMENDED CRITERIA

Considering existing, nationally-accepted standards, the SAR Working Group extracted relevant education, training, experience, physical/medical fitness, certification, and licensing criteria to define the *baseline criteria* for each job title listed above. These baseline criteria represent the *minimum* requirement for SAR personnel to participate in the National Incident Management System (NIMS) Integration Center's National Emergency Responder Credentialing System.

The SAR Working group identified additional recommended criteria relating to education, training, certification, experience, and physical/medical fitness where it believed standards and baseline criteria did not exist or were deemed insufficient. These recommended criteria are *not required* and represent the SAR Working Group's *recommendations* for SAR personnel to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

The Categories used in *Designing a National Emergency Responder Credentialing System* are defined as follows:

Education	Formal instruction based upon a curriculum that prepares an individual with the core knowledge and skill for entry into a discipline and for performing a job title
Training¹	Instruction and/or activities that enhance and individual's core knowledge; increase skill set and proficiency; and strengthen and augment abilities.
Experience	Time required functioning in a job title for an individual to attain proficiency in applying knowledge, skills, and abilities.
Physical/ Medical Fitness	Physical and medical considerations that, when applied, help to ensure safe performance in risky environments.
Certification	Designation granted by Authority Having Jurisdiction that an individual has met the requirements and achieved specific knowledge, skills, and abilities.
Licensing	Legal designation granted by Authority Having Jurisdiction, indicating that a person has met the necessary legal requirements to function in a job title.

Notes:

1. Where requisite and/or recommended criteria do not apply, that Category will not be listed
2. AHJ (Authority Having Jurisdiction) used here means the legally mandated authority for the jurisdiction or the team/unit/agency itself but does not include commercial units or those not sponsored by a governmental AHJ. This is due to the additional requirements which are generally intrinsic to the process of hiring, training and maintaining an AHJ employee and that are not included in NIMS SAR Credentialing. Examples include but are not limited to: background checks, sexual harassment and cultural awareness training, regular and close geographical AHJ employee supervision, etc. Such areas would need to be identified and included for these types of units.
3. In the context of these documents, general delineations between environments have been made that have previously not been clarified on a national level:
 - a. The Urban-Suburban SAR environment includes urban mountains that do not require technical snow, alpine, or ice travel training or competence and for which National Fire Protection Agency (NFPA) 1670/1006 rope rescue technician would be sufficient.
 - b. The Wilderness SAR environment includes:
 - i. Beyond a trailhead or eyesight distance of a backcountry 2wd road (approximately 200 feet);
 - ii. Anywhere the local infrastructure is not available or has been compromised enough to experience wilderness-type conditions; i.e., remote from public infrastructure support services, poor to no medical services or potable water, compromised public safety buildings or communications systems;
 - iii. Prolonged treatment, extrication, evacuation or transport issues exist (generally greater than 2 hours) including operations such as law enforcement tactical unit operations, hurricanes, earthquakes and other disasters, and bombings using explosive devices;
 - iv. Examples: city, county, state, or national recreational areas or parks with mountains, trails, or areas the land managers themselves define as wilderness. Incident examples: Space Shuttle Columbia recovery; Katrina flood areas.
 - v. Does not include areas commonly known as glaciers, crevasses, or alpine environments, and this usually means all areas above local timberline or where altitude illnesses can occur.
 - vi. This definition also conforms to and complements the Wilderness definitions in NFPA 1670-1999 and 1006: 1-3, A-1-3, A-8-1.2 and A-8-2.3(d).
 - c. The Mountain SAR environment includes urban, wilderness, mountainous environments, or environments usually greater than 25 degrees inclination, or wherever rope systems or three points of contact are commonly necessary, and includes environments commonly known as snow or ice covered terrain, crevasse, backcountry, and alpine SAR.
 - d. "Interface"; Similar to the "Wildland- Urban Fire Interface", there can be interface between each of the above environments, such as "Urban-Wilderness SAR Interface", where SAR personnel from both operate in environments that overlap or transition into one another.

¹ Per NIMS Compliance at the time of publication, Incident Command System (ICS-) and Independent Study (IS-) training courses are listed. Equivalent courses must meet the [NIMS] National Standard Curriculum.

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4. Urban and disaster SAR resources can be utilized in wilderness situations. A person who meets Urban Search and Rescue (US&R) or urban SAR requirements but responds into wilderness-related hazards or environments shall meet additional requirements of the given hazard environment for at least the "awareness" level, or greater, as determined by the Operations Section member with knowledge in those given hazards.
5. Wilderness Search and Rescue (WSAR) and Mountain Search and Rescue (MoSAR) resources can be utilized in urban and disaster situations. A person who meets these WSAR or MtnSAR requirements but responds into other hazards shall meet additional requirements of the given hazard environment or discipline for at least the "Awareness" level, or greater, as determined by the Operations Section member with knowledge in those given hazards (e.g., swiftwater-flood, cave, mine, confined space, weapons of mass destruction [WMD], hazardous materials [HazMat], urban/disaster, tsunami, Wildland fire, volcano, etc.).
6. SAR-related resources such as Citizen Corps (Community Emergency Response Team [CERT], Volunteers in Police Support [VIPS], Medical Reserve Corps [MRC], FireCorps) and other SAR units can be utilized in Cold, Warm, and Hot Zone functions in wilderness and urban/disaster situations when they meet requirements for the given hazards to be entered or encountered at least at the "awareness" level as determined by the Operations Section member with the given hazard knowledge.
7. Differences in SAR procedures, equipment, training, or application of skills may vary slightly within states and regions as a result of geographic or environmental differences or cultural emphasis on different methods and outlooks, and these differences should be recognized as equally valid as long as they follow a reasonably accepted industry standard or method, as determined by the state or county SAR council, advisory board, or authority.
8. Training programs or courses provided by private, commercial, or other third parties or those outside the state, regional, county or local AHJ training structure should be recognized at the authority and discretion of individual state, regional, county, local SAR council, advisory board, or authority.

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ACRONYM LIST

ADM	Aeronautical Decisionmaking
AHJ	Authority Having Jurisdiction
ASL	Above Sea Level
ASTM	American Society for Testing and Materials
AW	American Whitewater
BTLS	Basic Trauma Life Support
CBRNE	Chemical, Biological, Radiological, Nuclear, and High-Yield Explosives
CDC	Centers for Disease Control
CFR	Code of Federal Regulations
CPAT	Candidate Physical Ability Test
CRM/ADM	Crew Resource Management-Aeronautical Decision Making
CSSCP	Canine Search Specialist Certification Process
DSCREP	Disaster Search Canine Readiness Evaluation Process
DOI	Department of Interior
DOI AM	DOI Aviation Management
DOT	Department of Transportation
DHS	U.S. Department of Homeland Security
ECA	Emergency Corrective Actions
ELT	Emergency Locator Transmitter
EMAC	Emergency Management Assistance Compact
EMI	Emergency Management Institute
EMT-B	Emergency Medical Technical- Basic
EMT-P	Emergency Medical Technician- Paramedic
ERI	Emergency Response Institute
FAA	Federal Aviation Administration
FEMA	Federal Emergency Management Agency
FUNSAR	Fundamentals of SAR
GPS	Global Positioning System
HazMat	Hazardous Materials

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IAFC	International Association of Fire Chiefs
IAFF	International Association of Firefighters
ICS	Incident Command System
IHOG	Interagency Helicopter Operating Procedures
IPWDA	International Police Working Dog Association
IS	Independent Study
JRPAT	Job Related Physical Agility Test
MCI	Mass Casualty Incident
MLPI	Managing the Lost Person Incident
MRA	Mountain Rescue Association
MRSPAT	Mountain Rescue Specific Physical Ability Test
MSO	Managing Search Operations
MSAR	Mounted (equestrian, etc.) SAR
MSHA	Mine Safety and Health Administration
MoSAR	Mountain SAR
NAPWDA	North American Police Working Dog Association
NASAR	National Association for SAR
NCIC	Nation Crime Information Center
NCRC	National Cave Rescue Commission
NFA	National Fire Academy
NFPA	National Fire Protection Association
NIMS	National Incident Management System
NRP	National Response Plan
NWS	National Weather Service
OSHA	Occupational Safety and Health Administration
PALS	Pediatric Advanced Life Support
PLS	Pediatric Life Support
PPE	Personal Protective Equipment
SAR	SAR
US&R	Urban Search and Rescue
USDA	U.S. Department of Agriculture

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USFA	U.S. Fire Administration
USLA	U.S. Lifesaving Association
USPCA	U.S. Police Canine Association
WFR	Wilderness First Responder
WHO	World Health Organization
WMD	Weapons of Mass Destruction

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SAR Job Title 1: Disaster Collapsed Structure Canine Search Manager

Description: A *Disaster Collapsed Structure Canine Search Manager* is a qualified Disaster Collapsed Structure Canine Search Technician that provides direct supervision, general leadership, wellness, and safety of Disaster Collapsed Structure Canine team members within an Incident Command System (ICS) Unit.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Disaster Collapsed Structure Canine Search Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	<p>Fulfillment of requirement(s) as stated in the following standard(s):</p> <ol style="list-style-type: none"> 1. Applicable portions of NFPA 1006, Standard for Rescue Technician (2003) 2. Mountain Rescue Association (MRA) and/or American Society for Testing and Materials (ASTM) F1730-96 3. National Association for SAR (NASAR) Canine Initial Disaster Responder; and/or International Police Working Dog Association (IPWDA) Disaster; and/or Federal Emergency Management Association (FEMA) Type I Canine Specialist 4. NFPA 472 Hazardous Materials (HazMat) Operations and/or Occupational Safety and Health Administration (OSHA) 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a chemical, biological, radiological, nuclear, or high-yield explosives (CBRNE) incident <p>Completion of the following baseline criteria:</p> <ol style="list-style-type: none"> 5. OSHA 1910.134(f), Respiratory Protection 6. MRA 105.1 7. ASTM F-2209 <p>Completion of the following courses and/or curricula:</p> <ol style="list-style-type: none"> 8. ICS-100: Introduction to ICS 9. ICS-200: Basic ICS 10. ICS-300: Intermediate ICS 11. FEMA Independent Study (IS)-700: NIMS, An Introduction 12. FEMA IS-800: National Response Plan (NRP), An Introduction 13. NASAR General Requirements; and/or ASTM F-2209 General SAR Requirements
Physical/ Medical Fitness	<p>Completion of the following baseline criteria:</p> <ol style="list-style-type: none"> 1. Medical requirements established by the AHJ 2. Minimum physical fitness standards as required by the AHJ
Certification	<ol style="list-style-type: none"> 1. NASAR as referenced in the National Standard Curriculum; and/or IPWDA as referenced in the National Standard Curriculum; and/or FEMA Type I Canine Specialist; and/or state equivalent 2. Certified for confined space entry in accordance with OSHA Standard 29 Code of Federal Regulations (CFR) 1910.146 Confined Space Entry Permit

*Required in FY07

SAR Job Title 1: Disaster Collapsed Structure Canine Search Manager

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Disaster Collapsed Structure Canine Search Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 1. FEMA US&R Search Team Manager 2. State disaster collapse course or equivalent
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents, every 5 years or as dictated by need 2. Fingerprint Background Check 3. Three years mission experience in disaster/collapsed structure canine search
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters², or equivalent 2. Emergency Medical Technician – Basic (EMT-B) per NFPA 1006(2003) A-3-3.5
Certification	Every 2 years for NASAR Standards; and/or State certification and recertification every 2 years; and/or FEMA Canine Search Specialist Certification Process (CSSCP)

² That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

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SAR Job Title 2: Disaster Collapsed Structure Canine Search Technical Specialist (Advisor)

Description: A *Disaster Collapsed Structure Canine Search Technical Specialist* is a qualified Disaster Collapse Structure Canine Search Technician who is used in an advisory capacity to provide knowledge and assistance in the use of search canine in collapsed structures.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Disaster Collapsed Structure Canine Search Technical Specialist* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. Applicable portions of NFPA 1006: Standard for Rescue Technician (2003), and ASTM F 1730-96 2. NASAR Canine Initial Disaster Responder; and/or FEMA Canine Search Specialist Training Course; and/or state equivalent course 3. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident Completion of the following baseline criteria: <ol style="list-style-type: none"> 4. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection 5. MRA 105.1 6. ASTM F-2209 Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 7. ICS-100: Introduction to ICS 8. ICS-200: Basic ICS 9. ICS-300: Intermediate ICS 10. FEMA IS-700: NIMS, An Introduction 11. FEMA IS-800: NRP, An Introduction 12. NASAR General Requirements 13. ASTM F-2209 General SAR Requirements
Physical/ Medical Fitness	Completion of the following baseline criteria: <ol style="list-style-type: none"> 1. Medical requirements established by the AHJ 2. Minimum physical fitness standards as required by the AHJ
Certification	<ol style="list-style-type: none"> 1. NASAR as referenced in the National Standard Curriculum; and/or IPWDA as referenced in the National Standard Curriculum; and/or FEMA Type I Canine Specialist 2. Certified for confined space entry in accordance with OSHA Standard 29 CFR 1910.146 Confined Space Entry Permit

*Required in FY07

SAR Job Title 2: Disaster Collapsed Structure Canine Search Technical Specialist (Advisor)

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Disaster Collapsed Structure Canine Search Technical Specialist* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 1. State disaster collapse course or equivalent 2. Knowledge of federal, state, or Emergency Management Assistance Compact (EMAC) disaster response procedures
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents, every 5 years or as dictated by need 2. Fingerprint Background Check 3. Three years mission experience in disaster/collapsed structure canine search
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters³, or equivalent 2. EMT-B per NFPA 1006(2003) A-3-3.5
Certification	Must have held requisite canine and non-canine certifications within the past 5 years

³ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

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SAR Job Title 3: Disaster Collapsed Structure Canine Search Technician

Description: A *Disaster Collapsed Structure Canine Search Technician* is a pairing of one canine handler and one canine trained to search for and detect human scent in failed structures and natural debris fields.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Disaster Collapsed Structure Canine Search Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	<p>Fulfillment of requirement(s) as stated in the following standard(s):</p> <ol style="list-style-type: none"> 1. Applicable portions of NFPA 1006: Standard for Rescue Technician (2003) and ASTM F1730-96 2. NASAR Canine Initial Disaster Responder; and/ or FEMA Canine Search Specialist Training Course 3. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident <p>Completion of the following baseline criteria:</p> <ol style="list-style-type: none"> 4. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection 5. MRA 105.1 6. ASTM F-2209 <p>Completion of the following courses and/or curricula:</p> <ol style="list-style-type: none"> 7. ICS-100: Introduction to ICS 8. ICS-200: Basic ICS 9. ICS-300: Intermediate ICS 10. FEMA IS-700: NIMS, An Introduction 11. NASAR General Requirements; and/or ASTM F2209 General SAR Requirements
Physical/ Medical Fitness	<p>Completion of the following baseline criteria:</p> <ol style="list-style-type: none"> 1. Medical requirements established by the AHJ 2. Minimum physical fitness standards as required by the AHJ
Certification	<ol style="list-style-type: none"> 1. Annual NASAR, as referenced in the National Standard Curriculum; and/or IPWDA as referenced in the National Standard Curriculum; and/or FEMA Type I Canine Specialist 2. Certified for confined space entry in accordance with OSHA Standard 29 CFR 1910.146 Confined Space Entry Permit

SAR Job Title 3: Disaster Collapsed Structure Canine Search Technician

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Disaster Collapsed Structure Canine Search Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 1. FEMA IS-800 NRP, An Introduction 2. FEMA US&R Canine Search Specialist Training Course; or state equivalent
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need 2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters⁴, or equivalent 2. Annual medical/fitness for canine 3. EMT-B per NFPA 1006(2003), A-3-3.5
Certification	<ol style="list-style-type: none"> 1. Every 2 years for NASAR Standards 2. State certification and recertification every 2 years 3. FEMA CSSCP (Canine Search Specialist Certification Process)

⁴ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

SAR Job Title 4: Helicopter Search and/or Rescue Crew Chief

Description: A *Helicopter Search and/or Rescue Crew Chief* is a mid-level position within a helicopter rescue unit (single resource) that coordinates search and/or rescue functions from inside the aircraft, assists the pilot with risk assessment, and coordinates and communicates with helicopter rescue and ground personnel on any of the following credential-specific disciplines: search and/or rescue, urban, wilderness, mountain, disaster, stillwater, swiftwater, etc. ⁵

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Helicopter Search and/or Rescue Crew Chief* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	<p>Fulfillment of requirement(s) as stated in the following standard(s):</p> <ol style="list-style-type: none"> 1. Applicable helicopter related portions of NFPA 1006 or AHJ equivalent 2. Applicable helicopter related portions of NFPA 1670 or AHJ equivalent 3. NFPA 472 HazMat Awareness and/or OSHA 1910.120(Q)(6)(i), HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE incident <p>Completion of the following baseline criteria:</p> <ol style="list-style-type: none"> 4. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection 5. SAR Specific Risk assessment 6. SAR Specific Hazard mitigation, including multi-aircraft operations 7. SAR Specific personal protective equipment (PPE) 8. Use of related tools and devices 9. Aviation crew resource management/aeronautical data maintenance (CRM/ADM), Emergency Procedures, Aircraft Familiarization, Survival) 10. Crew Chief Operational Training, including: <ul style="list-style-type: none"> • Ability to assist pilot with navigation, and general and external load communications and emergency communications; • Ability to perform general, and internal and external load rescue rigging and operations; • Knowledge and training in preventive and Emergency Corrective Actions (ECAs) for all reasonably expected emergencies including external load rigging emergencies provided by their program (short haul, helicopter rappel, cable hoist, etc.). 11. Crew Chief Functional Training in all general aviation and special-use techniques to be performed in operations (human external loads such as short haul, hoist, rappel; still and moving water insertions; recon/surveillance; confined area techniques; night flight; hover ingress-egress; toe in ingress-egress; single skid landings); 12. Crew Chief Environmental/Operational Training as required by the AHJ or operation (wilderness, mountain, stillwater, swiftwater, ocean, urban, disaster, altitudes of approximately 10,000 feet (3,000 meters) above sea level (ASL) and above).

⁵ A Crew Chief credentialed only in the Search aspects is a Helicopter Search Crew Chief. A Crew Chief credentialed only in the Rescue aspects is a Helicopter Rescue Crew Chief. A Crew Chief credentialed both SAR aspects is a Helicopter SAR Crew Chief.

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	Completion of the following courses and/or curricula: 13. ICS-100: Introduction to ICS 14. ICS-200: Basic ICS 15. FEMA IS-700: NIMS, An Introduction
Experience	1. Current Helicopter Search and/or Rescue Technician 2. Current Search and/or Rescue Technician for each SAR discipline to perform 3. Participate in a currency program per AHJ
Physical/ Medical Fitness	Completion of the following baseline criteria: 1. Medical requirements established by the AHJ 2. Minimum physical fitness standards as required by the AHJ 3. FAA requirements 4. NFPA 1006 5. State and local requirements: <ul style="list-style-type: none"> • For water SAR: swim evaluation and/or test such as: <ul style="list-style-type: none"> • National: U.S. Lifeguard Association (USLA) for Lifeguards (swim test, 500 meters in 10 minutes) • National: NFPA 1006 7.1.12 • State: TX/NC: swim test, 300 meters in 8 minutes • U.S. Coast Guard (USGC) Rescue Swimmer • Navy swimmer • For land SAR: <ul style="list-style-type: none"> • CA: LA County Sheriff • CA: LA County Fire • TX: Travis County: 1.5 mile run in < 13 minutes

SAR Job Title 4: Helicopter Search and/or Rescue Crew Chief

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Helicopter Search and/or Rescue Crew Chief* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	<ol style="list-style-type: none"> 1. SAR Operational level for all other hazards and environments reasonably expected to operate in or through (such as hurricane, ocean, etc.). 2. SAR Technician level for all other hazards and environments reasonably expected to perform SAR techniques in (swift/flood water rescue technician, mountain SAR technician, etc.) 3. Recertification of all training listed above
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents, every 5 years or as dictated by need 2. SAR Technician level for all other hazards and environments reasonably expected to perform SAR techniques in (swift/flood water rescue technician, mountain SAR technician, etc.) 3. Able to: <ul style="list-style-type: none"> • Assist pilot with navigation, internal and external load and emergency communications • Perform rescue and internal and external load rigging and operation • Preventive care and emergency corrective actions for all expected emergencies 4. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters⁶, or disaster specific equivalent
Licensing	Licensed and accredited helicopter public and private training programs for Crew Chief

⁶ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

SAR Job Title 5: Helicopter Search and/or Rescue Pilot

Description: A *Helicopter Search and/or Rescue Pilot* is an advanced-level position within a helicopter rescue unit (single resource) with ultimate responsibility for aircraft operations on the following credential-specific disciplines: search, rescue, urban, wilderness, mountain, disaster, stillwater, swiftwater, etc.⁷

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for *SAR Helicopter Search and/or Rescue Pilot* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of requirement(s) as stated in the following standard(s):
	<ol style="list-style-type: none"> 1. NFPA 472 HazMat Awareness and/or OSHA 1910.120(Q)(6)(i), HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE incident 2. FAA Helicopter Pilot
	Completion of the following baseline criteria:
	<ol style="list-style-type: none"> 3. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection 4. Criteria at or equivalent to the Department of Interior (DOI) Aviation Management Pilot Proficiencies, including: <ul style="list-style-type: none"> • SAR Specific Risk assessment • SAR Specific Hazard mitigation, including multi-aircraft operations • SAR Specific PPE • Use of related tools and devices • Aviation (Crew Resource Management [CRM]/Aeronautical Decisionmaking [ADM], Emergency Procedures, Aircraft Familiarization, Survival to include aircraft water immersion) • Pilot Operational Training (vertical reference, etc.) • Pilot Functional Training in all general aviation and special-use techniques to be performed in operations (human external loads such as short haul, hoist, rappel; still and moving water insertions; recon/surveillance; confined area techniques; night flight; hover ingress-egress; toe-in ingress-egress; single skid landings); • Pilot Environmental/Operational Training as required by the AHJ or operation (wilderness, mountain, still water, swiftwater, ocean, urban, disaster, altitudes of approximately 10,000 feet (3,000 meters) ASL and above).
	Fulfillment of requirement(s) as stated in the following:
<ol style="list-style-type: none"> 5. Awareness level for all other hazards and environments reasonably expected to operate in (such as hurricane, swiftwater, mountain, ocean, etc.). 	
	Completion of the following courses and/or curricula:
	<ol style="list-style-type: none"> 6. ICS-100: Introduction to ICS 7. ICS-200: Basic ICS 8. FEMA IS-700: NIMS, An Introduction

⁷ A Pilot credentialed only in the Search aspects is a Helicopter Search Pilot. A Pilot credentialed only in the Rescue aspects is a Helicopter Rescue Pilot. A Pilot credentialed in both SAR aspects is a Helicopter SAR Pilot.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

Category	Criteria
Experience	Experience <ol style="list-style-type: none">1. Minimum time in type of helicopter to be flown, per AHJ requirements.2. Participate in a currency program per AHJ
Physical/ Medical Fitness	Completion of the following baseline criteria: <ol style="list-style-type: none">1. Medical requirements established by the AHJ2. Minimum physical fitness standards as required by the AHJ3. FAA requirements
Certification	Federal Aviation Administration (FAA) Certification
Licensing	FAA License

SAR Job Title 5: Helicopter Search and/or Rescue Pilot

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Helicopter Search and/or Rescue Pilot* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	1. Re-certification and verification of all training listed above
Experience	1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters ⁸ , or disaster specific equivalent 2. When necessary additional inoculations specific to the incident environment may be required.
Certifications	Uniform and national certification standard needed (Initial and re-certification)
Licensing	Uniform and national certification standard needed (Initial and re-certification)

⁸ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

SAR Job Title 6: Helicopter Search and/or Rescue Technician

Description: A *Helicopter Search and/or Rescue Technician* is an entry level position within a helicopter rescue unit (single resource) that performs search and/or rescue functions inside and outside the aircraft and typically may include rappelling, short haul, hoist operations, and water insertions on any of the following credential-specific disciplines: search, rescue, urban, wilderness, mountain, disaster, stillwater, swiftwater, etc.⁹

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for *Helicopter Search and/or Rescue Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of requirement(s) as stated in the following standard(s):
	1. NFPA 1006 or AHJ equivalent, related to Helicopter Operations
	2. NFPA 1670 or AHJ equivalent, related to Helicopter Operations
	3. NFPA 472 HazMat Awareness and/or OSHA 1910.120(Q) (6) (i), HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE incident. For water operations, NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	4. DOI AM S-271 or equivalent (including SAR Specific risk assessment, hazard mitigation, PPE)
	5. U.S. Department of the Interior (DOI) Interagency Helicopter Operating Procedures (IHOG) external Loads curricula or equivalent
	Fulfillment of requirement(s) as stated in the following:
	6. SAR Operational level for all other hazards and environments reasonably expected to operate in or through (such as hurricane, ocean, etc.).
	7. SAR Technician level for all other hazards and environments reasonably expected to perform SAR techniques in (swift/flood water rescue technician, mountain SAR technician, etc.).
	Completion of the following baseline criteria:
	8. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection
	9. Use of related tools and devices
	10. Aviation (CRM/ADM Survival to include aircraft water immersion)
	11. Communication for general, special use operations and emergencies
12. General Helispot or Landing Zone Management	
13. Operational Training, including;	
<ul style="list-style-type: none"> • Ability to perform general, and internal and external load rescue rigging and operations; • Knowledge and training in preventive and Emergency Corrective Actions (ECAs) for all reasonably expected emergencies including external load rigging emergencies provided by their program (short haul, helicopter rappel, cable hoist, etc.). 	
14. Functional Training in all general aviation and special-use techniques to be performed in operations (human external loads such as short haul, hoist, rappel;	

⁹ A Technician credentialed only in the Search aspects is a Helicopter Search Technician. A Technician credentialed only in the Rescue aspects is a Helicopter Rescue Technician. A Technician credentialed in both SAR aspects is a Helicopter SAR Technician.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

Category	Criteria
Experience	<p>still and moving water insertions; reconnaissance/surveillance; confined area techniques; night flight; hover ingress-egress; toe-in ingress-egress; single skid landings);</p> <p>15. Environmental/Operational Training as required by the AHJ or operation (wilderness, mountain, stillwater, swiftwater, ocean, urban, disaster, altitudes of approximately 10,000 feet (3,000 meters) ASL and above).</p> <p>Completion of the following courses and/or curricula:</p> <p>16. ICS-100: Introduction to ICS</p> <p>17. ICS-200: Basic ICS</p> <p>18. FEMA IS-700: NIMS, An Introduction</p> <p>1. SAR Technician for each SAR discipline expected to perform (stillwater, swift/flood water, mountain, wilderness, etc.).</p> <p>2. Participation in a currency program per AHJ</p>
Physical/ Medical Fitness	<p>Completion of the following baseline criteria:</p> <p>1. Medical requirements established by the AHJ</p> <p>2. Minimum physical fitness standards as required by the AHJ</p> <p>3. FAA requirements</p> <p>4. State and local requirements:</p> <ul style="list-style-type: none"> • For water SAR, swim evaluation and/or test such as: <ul style="list-style-type: none"> • National USLA for Lifeguards (swim test, 500 meters in 8 minutes) • National: NFPA 1006 7.1.12 • State: TX/NC: swim test, 300 meters in 8 minutes • USGC Rescue Swimmer • Navy Rescue Swimmer • For Land SAR, such as: <ul style="list-style-type: none"> • CA: LA County Sheriff • CA: LA County Fire • TX: Travis County, 1.5mile run in < 13 min.

SAR Job Title 6: Helicopter Search and/or Rescue Technician

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Helicopter Search and/or Rescue Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	Re-certification and verification of all training listed above (ICS-100, IS-700, NFPA)
Experience	Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need.
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters ¹⁰ , or disaster specific equivalent
Certifications	Uniform and national certification standard needed (Initial and re-certification)
Licensing	Uniform and national certification standard needed (Initial and re-certification)

¹⁰ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

SAR Job Title 7: Human Remains Canine Search Manager

Description: A *Human Remains Canine Search Manager* is a qualified Human Remains Canine Search Technician who provides direct supervision, general leadership, wellness, and safety of Human Remains Canine team members within an ICS Unit.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Human Remains Canine Search Team Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none">1. Applicable portions of NFPA 1006 Standard for Rescue Technician (2003)2. MRA 105.1 and/or ASTM F-22093. U.S. Police Canine Association (USPCA); and/or NAPWDA; and/or NASAR; and/or IPWDA4. NFPA 472 HazMat Awareness and/or OSHA 1910.120(Q)(6)(i), HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE incident
Training	Completion of the following baseline criteria: <ol style="list-style-type: none">5. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection Completion of the following courses and/or curricula: <ol style="list-style-type: none">6. ICS-100: Introduction to ICS7. ICS-200: Basic ICS8. ICS-300: Intermediate ICS9. FEMA IS-700: NIMS, An Introduction10. FEMA IS-800: NRP, An Introduction
Physical/ Medical Fitness	Completion of the following baseline criteria: <ol style="list-style-type: none">1. Medical requirements established by the AHJ2. Minimum physical fitness standards as required by the AHJ
Certification	<ol style="list-style-type: none">1. NASAR Canine SAR Tech Human Remains; and/or NAPWDA Canine Human Remains; and/or USPCA Cadaver Detection; and/or IPWDA Land Cadaver

*Required in FY07

SAR Job Title 7: Human Remains Canine Search Manager

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Human Remains Canine Search Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	<ol style="list-style-type: none"> 1. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident 2. NASAR MLPI; and/or Emergency Response Institute (ERI) Managing Search Operations (MSO); and/or state equivalent
	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need 2. Fingerprint Background Check 3. Three years mission experience as Human Remains Detection Canine Handler
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters¹¹, or equivalent 2. EMT-B per NFPA 1006 (2003) A-3-3.5 3. Annual medical/fitness evaluation for canine

¹¹ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

SAR Job Title 8: Human Remains Canine Search Technical Specialist (Advisor)

Description: A *Human Remains Canine Search Technical Specialist* is a qualified Human Remains Canine Search Technician that is used in an advisory capacity to provide knowledge and assistance in the use of search canine in human remains recovery operations.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Human Remains Canine Search Technical Specialist* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none">1. Applicable portions of NFPA 1006, Standard for Rescue Technician (2003)2. MRA 105.1 or ASTM F-22093. USPCA; and/or NAPWDA; and/or NASAR; and/or IPWDA4. NFPA 472 HazMat Awareness and/or OSHA 1910.120(Q)(6)(i), HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE incident
Training	Completion of the following baseline criteria: <ol style="list-style-type: none">5. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection Completion of the following courses and/or curricula: <ol style="list-style-type: none">6. ICS-100: Introduction to ICS7. ICS-200: Basic ICS8. ICS-300: Intermediate ICS9. FEMA IS-700: NIMS, An Introduction10. FEMA IS-800: NRP, An Introduction
Physical/ Medical Fitness	Completion of the following baseline criteria: <ol style="list-style-type: none">1. Medical requirements established by the AHJ2. Minimum physical fitness standards as required by the AHJ
Certification	<ol style="list-style-type: none">1. NASAR Canine SAR Tech Human Remains; and/or NAPWDA Canine Human Remains; and/or IPWDA Land Cadaver; and/or USPCA Cadaver Detection

*Required in FY07

SAR Job Title 8: Human Remains Canine Search Technical Specialist (Advisor)

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Human Remains Canine Search Technical Specialist* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	<ol style="list-style-type: none"> 1. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat 2. Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident 2. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection 3. Knowledge of Federal, State, or EMAC disaster response procedures 4. NASAR MLPI; and/or ERI MSO; and/or state equivalent
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need. 2. Fingerprint Background Check 3. Three years mission experience as Human Remains Detection Canine Handler
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters¹², or equivalent 2. EMT-B per NFPA 1006 (2003) A-3-3.5 3. Annual medical /fitness evaluation for canine
Certification	Must have held requisite canine and non-canine certifications within the past five years

¹² That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

SAR Job Title 9: Human Remains Canine Search Technician

Description: A *Human Remains Canine Search Technician* is a pairing of one handler and one canine trained to search for and detect human remains.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Human Remains Canine Search Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. Applicable portions of NFPA 1006, Standard for Rescue Technician (2003) 2. MRA 105.1 and/or ASTM F-2209 3. NASAR; and/or USPCA; and/or NAPWDA; and/or IPWDA 4. NFPA 472 HazMat Awareness and/or OSHA 1910.120(Q)(6)(i), HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE incident
Training	Completion of the following baseline criteria: <ol style="list-style-type: none"> 5. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 6. ICS-100: Introduction to ICS 7. ICS-200: Basic ICS 8. FEMA IS-700: NIMS, An Introduction 9. FEMA IS-800: NRP, An Introduction
Experience	On-going experience in canine human remains detection.
Physical/ Medical Fitness	Completion of the following baseline criteria: <ol style="list-style-type: none"> 1. Medical requirements established by the AHJ 2. Minimum physical fitness standards as required by the AHJ
Certification	NASAR Canine SAR TECH Human Remains and/or USPCA Cadaver Detection and/or NAPWDA Canine Human Remains and/or IPWDA Land Cadaver

SAR Job Title 9: Human Remains Canine Search Technician

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Human Remains Canine Search Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	<ol style="list-style-type: none"> 1. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident 2. NASAR MLPI; and/or ERI MSO; and/or state equivalent
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need 2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters¹³, or equivalent 2. EMT-B per NFPA 1006 (2003) A-3-3.5 3. Annual medical/fitness evaluation for canine
Certifications	Re-certification at least every two years for NASAR Standards

¹³ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

SAR Job Title 10: Mountain Search and/or Rescue Manager

Description: A *Mountain Search and/or Rescue Manager* is a qualified Mountain SAR Technician who also provides direct supervision, general leadership, wellness, and safety of mountain and wilderness-related team members within an ICS Unit. ¹⁴

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for *Mountain Search and/or Rescue Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 472 HazMat Awareness and/or OSHA 1910.120(Q)(6)(i), HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE incident Completion of the following baseline criteria: <ol style="list-style-type: none"> 2. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection 3. MRA 105.1, Operations Chief or equivalent 4. Risk assessment 5. Hazard mitigation 6. PPE 7. Use of related tools and devices Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 8. MRA Rescue Specialist or equivalent 9. ICS-100: Introduction to ICS 10. ICS-200: Basic ICS 11. ICS-300: Intermediate ICS 12. FEMA IS-700: NIMS, An Introduction
Experience	<ol style="list-style-type: none"> 1. Two years field experience in MoSAR prior to promotion to Search and/or Rescue Manager 2. Current Mountain SAR Search and/or Rescue Technician 3. Participation in an AHJ currency program
Physical/ Medical Fitness	Completion of the following baseline criteria: <ol style="list-style-type: none"> 1. Medical requirements established by the AHJ 2. Minimum physical fitness standards as required by the AHJ

¹⁴ A Manager credentialed only in the Search aspects is a Mountain Search Manager. A Manager credentialed only in the Rescue aspects is a Mountain Rescue Manager. A Manager credentialed in both SAR aspects is a Mountain SAR Manager.

SAR Job Title 10: Mountain Search and/or Rescue Manager

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Mountain Search and/or Rescue Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	<ol style="list-style-type: none"> 1. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident 2. Maintain currency every 3 years
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters¹⁵, or MoSAR equivalent 2. Centers for Disease Control and Prevention (CDC)/ World Health Organization (WHO) inoculation recommendations
Certifications	MRA/MoSAR recertification every 3 years

¹⁵ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

SAR Job Title 11: Mountain Search and/or Rescue Technical Specialist (Advisor)

Description: A *Mountain Search and/or Rescue Technical Specialist* is a qualified Mountain SAR Technician that is used in an advisory capacity to provide knowledge and assistance in mountain SAR operations.¹⁶

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for *Mountain Search and/or Rescue Technical Specialist* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of requirement(s) as stated in the following standard(s):
	1. NFPA 472 HazMat Awareness and/or OSHA 1910.120(Q)(6)(i), HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	Completion of the following baseline criteria:
	2. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection
	3. MRA 105.1, Rescue Specialist or equivalent
	4. Risk assessment
	5. Hazard mitigation
	6. PPE
	7. Use of related tools and devices
	Completion of the following courses and/or curricula:
	8. ICS-100: Introduction to ICS
9. ICS-200: Basic ICS	
10. ICS-300: Intermediate ICS	
11. FEMA IS-700: NIMS, An Introduction	
Experience	1. Special experience or knowledge deemed useful to the operation
	2. Current Mountain Search and/or Rescue Technician
	3. Participation in an AHJ currency program
Physical/ Medical Fitness	Completion of the following baseline criteria:
	1. Medical requirements established by the AHJ
	2. Minimum physical fitness standards as required by the AHJ
Certification	1. Current MoSAR Technician

¹⁶ A Technical Specialist credentialed only in the Search aspects is a Mountain Search Technical Specialist. A Technical Specialist credentialed only in the Rescue aspects is a Mountain Rescue Technical Specialist. A Technical Specialist credentialed in both SAR aspects is a Mountain SAR Technical Specialist.

SAR Job Title 11: Mountain Search and/or Rescue Technical Specialist (Advisor)

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Mountain Search and/or Rescue Technical Specialist* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	<ol style="list-style-type: none"> 1. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident 2. Knowledge of Federal, State, or EMAC disaster response procedures 3. Maintain currency every 3 years
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need.
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters¹⁷, or MoSAR equivalent 2. CDC/ WHO inoculation recommendations
Certifications	Recertification every 3 years

¹⁷ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

SAR Job Title 12: Mountain Search and/or Rescue Technician

Description: A *Mountain Search and/or Rescue Technician* searches and rescues those in trouble in urban/wilderness, mountainous environments, or environments usually greater than 25 degrees inclination, or wherever rope systems or three points of contact are commonly necessary, and includes areas commonly known as snow or ice covered terrain, glaciers, crevasse, backcountry, and alpine.¹⁸

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for *Mountain Search and/or Rescue Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 472 HazMat Awareness and/or OSHA 1910.120(Q)(6)(i), HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE incident 2. MRA 105.1 Technician or equivalent 3. USDOT First Responder or Wilderness First Responder (WFR) or equivalent 4. Bloodborne/Airborne Pathogens per OSHA 5. National Wildfire Coordinating Group (NWCG) Helicopter B-3 for SAR, or equivalent
	Completion of the following baseline criteria: <ol style="list-style-type: none"> 6. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection 7. Risk assessment 8. Hazard mitigation 9. PPE 10. Use of related tools and devices 11. Wilderness SAR Technician training or equivalent
	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 12. ICS-100: Introduction to ICS 13. ICS-200: Basic ICS 14. FEMA IS-700: NIMS, An Introduction 15. CERT (G-317) or equivalent for disaster-specific minimum training
Experience	<ol style="list-style-type: none"> 1. Current Wilderness Search and/or Rescue Technician 2. Participation in an AHJ currency program
Physical/ Medical Fitness	Completion of the following baseline criteria: <ol style="list-style-type: none"> 1. Medical requirements established by the AHJ 2. Minimum physical fitness standards as required by the AHJ

¹⁸ A Technician credentialed only in the Search aspects is a Mountain Search Technician . A Technician credentialed only in the Rescue aspects is a Mountain Rescue Technician . A Technician credentialed in both SAR aspects is a Mountain SAR Technician.

SAR Job Title 12: Mountain Search and/or Rescue Technician

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Mountain Search and/or Rescue Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	<ol style="list-style-type: none"> 1. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident 2. Mountain or Wilderness-specific medical training
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need 2. Require Annual Fingerprint Background Check to include home statewide and National Crime Information Center (NCIC) wants, warrants, and criminal history
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters¹⁹, or MoSAR equivalent 2. CDC/WHO inoculation recommendations
Certifications	Recertification every 3 years

¹⁹ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

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SAR Job Title 13: Mountain Search and/or Rescue Unit Leader

Description: A *Mountain SAR Unit Leader* is a qualified Mountain SAR Manager responsible for direct supervision of multiple wilderness and mountain-related Managers within an Operational Division/Group.²⁰

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for *Mountain Search and/or Rescue Unit Leader* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of requirement(s) as stated in the following standard(s):
	1. NFPA 472 HazMat Awareness and/or OSHA 1910.120(Q)(6)(i), HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	Completion of the following baseline criteria:
	2. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection
	3. MRA 105.1, Operations Chief or equivalent.
	4. Risk assessment
	5. Hazard mitigation
	6. PPE
	7. Use of related tools and devices
	Completion of the following courses and/or curricula:
	8. ICS-100: Introduction to ICS
	9. ICS-200: Basic ICS
10. ICS-300: Intermediate ICS	
11. FEMA IS-700: NIMS, An Introduction	
12. FEMA IS-800: NRP, An Introduction	
Experience	1. Current or recent Mountain Search and/or Rescue Technician and Manager
	2. Five years field experience in MoSAR prior to promotion to Unit Leader
	3. Participation in an AHJ currency program
Physical/ Medical Fitness	Completion of the following baseline criteria:
	1. Medical requirements established by the AHJ
	2. Minimum physical fitness standards as required by the AHJ

²⁰ A Unit Leader credentialed only in the Search aspects is a Mountain Search Unit Leader. A Unit Leader credentialed only in the Rescue aspects is a Mountain Rescue Unit Leader. A Unit Leader credentialed in both SAR aspects is a Mountain SAR Unit Leader.

SAR Job Title 13: Mountain Search and/or Rescue Unit Leader

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Mountain SAR Unit Leader* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	<ol style="list-style-type: none"> 1. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident 2. Maintain currency every 3 years
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters²¹, or MoSAR equivalent 2. CDC/WHO inoculation recommendations
Certifications	MRA/MoSAR recertification every 3 years

²¹ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

SAR Job Title 14: Emergency Services Rescue Manager

Description: An *Emergency Services Rescue Manager* is a qualified Rescue Technician who is responsible for direct supervision, general leadership, wellness, and safety of their credential-specific team members within an ICS Unit.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for an *Emergency Services Rescue Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of requirement(s) as stated in the following standard(s):
	1. NFPA 1006: Standard for Rescue Technician (2003)
	2. NFPA 1670
	3. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	Completion of the following baseline criteria:
	4. OSHA 1910.120 and/or 1910.134(f), Respiratory Protection
	5. Emergency medical care based on AHJ requirements
	6. Risk assessment
	7. Hazard mitigation
	8. PPE
	9. Use of related tools and devices
	Completion of the following courses and/or curricula:
	10. ICS-100: Introduction to ICS
	11. ICS-200: Basic ICS
	12. ICS-300: Intermediate ICS
13. FEMA IS-700: NIMS, An Introduction	
14. FEMA IS-800: NRP, An Introduction	
Completion of the following training courses:	
15. Rescue Technician	
Physical/ Medical Fitness	Completion of the following baseline criteria:
	1. Emergency medical provider as specified in NFPA 1006 (2003), I
	2. Minimum physical fitness standards as required by the AHJ
Certification	1. State certification as a Rescue Technician
	2. Certified for confined space entry in accordance with OSHA Standard 29 CFR 1910.146 Confined Space Entry Permit

*ICS-300 is a requirement for FY07 NIMS compliance

SAR Job Title 14: Emergency Services Rescue Manager

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for an *Emergency Services Rescue Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 1. U.S. Department of Justice (DOJ) Emergency Response to Terrorism, Basic Concepts or equivalent 2. FEMA/US&R WMD Enhanced Operations, or equivalent 3. GPS Awareness Level course 4. Continuing education requirements for training. 5. Recommend recertification and verification of all training listed above. 6. Recommend development of continuing education requirements for training
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents, every 5 years or as dictated by need. 2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters²² 2. NFPA 1584 Standard on medical requirements for firefighters. 3. NFPA 1583, Candidate Physical Ability Test (CPAT), and IAFF/IAFC Joint Labor Management Wellness Fitness Initiative
Certification	Completion of the following training courses: <ol style="list-style-type: none"> 1. EMT-B per NFPA 1006(2003) A-3-3.5 2. Fire Officer I, NFPA 1021 or other professional equivalent

²² That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

SAR Job Title 15: Emergency Services Rescue Technician

Description: An *Emergency Services Rescue Technician* responds to technical SAR incidents, identifies hazards, uses equipment, and applies advanced techniques specified in NFPA 1670 and 1006 necessary to coordinate, perform, and supervise technical SAR incidents in the following areas: trench, structural collapse, rope, confined space, and vehicle and machinery.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for an *Emergency Services Rescue Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1006: Standard for Rescue Technician (2003) 2. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident Completion of the following baseline criteria: <ol style="list-style-type: none"> 3. OSHA 1910.120 and/or 1910.134 (f), Respiratory Protection 4. Emergency medical care based on AHJ 5. Risk assessment 6. Hazard mitigation 7. PPE 8. Use of related tools and devices Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 9. ICS-100: Introduction to ICS 10. ICS-200: Basic ICS 11. FEMA IS-700: NIMS, An Introduction Completion of the following training courses: <ol style="list-style-type: none"> 12. Rescue Technician
Physical/ Medical Fitness	Completion of the following baseline criteria: <ol style="list-style-type: none"> 1. Emergency medical provider as specified in NFPA 1006: Standard for Rescue Technician (2003) 2. Minimum physical fitness standards as required by the AHJ
Certification	<ol style="list-style-type: none"> 1. Appropriate State Rescue Technician certification 2. Certified for confined space entry in accordance with OSHA Standard 29 CFR 1910.146 Confined Space Entry Permit

SAR Job Title 15: Emergency Services Rescue Technician

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for an *Emergency Services Rescue Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 1. DOJ Emergency Response to Terrorism, Basic Concepts, or equivalent. 2. FEMA/US&R WMD Enhanced Operations, or equivalent 3. GPS Awareness Level course 4. Continuing education requirements for training. 5. Recertification and verification of all training listed above
Experience	<ol style="list-style-type: none"> 1. Recommend position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents, every 5 years or as dictated by need 2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters²³ 2. NFPA 1584 Standard on medical requirements for firefighters. 3. NFPA 1583, CPAT, and IAFF/IAFC Joint Labor Management Wellness Fitness Initiative.
Certification	Completion of the following training courses: <ol style="list-style-type: none"> 1. EMT-B per NFPA 1006(2003) A-3-3.5

²³ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

SAR Job Title 16: Logistics Search and/or Rescue Technician

Description: A *Logistics Search and/or Rescue Technician* is responsible for supporting the logistical needs of their credential-specific disciplines, such as search and/or rescue, urban, mountain, disaster, collapsed structure, swiftwater and/or stillwater SAR operations.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Logistics Search and/or Rescue Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of requirement(s) as stated in all the following applicable discipline-specific standard(s): <ol style="list-style-type: none"> 1. NFPA 1670 Awareness Level Training, including: <ul style="list-style-type: none"> • General Requirements • Confined Space SAR, and/or applicable industry equivalent such as mine (MSHA) or cave (NCRC) SAR • Water SAR Operations • Structural Collapse, and/or applicable industry equivalent such as mine (MSHA) or cave (NCRC) SAR • Trench and Excavation SAR and/or applicable industry equivalent such as mine (MSHA) or cave (NCRC) SAR • Rope Rescue 2. NFPA 1006: Standard for Rescue Technician (2003), including: <ul style="list-style-type: none"> • General Requirements • Confined Space SAR, and/or applicable industry equivalent such as mine (MSHA) or cave (NCRC) SAR • Water SAR Operations • Structural Collapse, and/or applicable industry equivalent such as mine (MSHA) or cave (NCRC) SAR • Trench and Excavation SAR, and/or applicable industry equivalent such as mine (MSHA) or cave (NCRC) SAR • Rope Rescue • Duties of the Entrant per 29 CFR 1910.146, and/or applicable industry equivalent such as mine (MSHA) or cave (NCRC) SAR 3. NFPA 472 HazMat Awareness and/or OSHA 1910.120 (Q)(6)(i), HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE incident 4. SAR Logistics Training
	Completion of the following baseline criteria: <ol style="list-style-type: none"> 5. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection 6. Emergency medical care based on AHJ requirements 7. Risk assessment 8. Hazard mitigation 9. PPE 10. Use of related tools and devices 11. Maintenance of rescue tools and devices

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Category	Criteria
	Completion of the following courses and/or curricula: 12. ICS-100: Introduction to ICS 13. ICS-200: Basic ICS 14. FEMA IS-700: NIMS, An Introduction
Physical/ Medical Fitness	Completion of the following baseline criteria: 1. Medical requirements established by the AHJ 2. Minimum physical fitness standards as required by the AHJ
Certification	1. Certification for possession of controlled medications, if applicable

SAR Job Title 16: Logistics Search and/or Rescue Technician

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Logistics Search and/or Rescue Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	<ol style="list-style-type: none"> 1. NFPA 472 HazMat Operations and/or OSHA 1910.120 (Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident 2. DOJ Emergency Response to Terrorism, Basic Concepts, or equivalent 3. FEMA/US&R WMD Enhanced Operations, or equivalent 4. GPS Awareness Level course, equivalent) 5. DHS/FEMA Logistics Specialist Course or equivalent. 6. NFPA 472 HazMat Operations and/or OSHA 1910.120 (G)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident 7. FEMA IS-800: NRP, An Introduction 8. Completion of all training listed above
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need. 2. Fingerprint Background Check 3. Recommend minimum experience requirements
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters²⁴ 2. EMT-B per NFPA 1006(2003) A-3-3.5

²⁴ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

SAR Job Title 17: Medical Search and/or Rescue Technician

Description: A *Medical Search and/or Rescue Technician* provides SAR-specific medical capabilities for team members and rescues during SAR related operations in their credential-specific disciplines, such as search and/or rescue, urban, disaster wilderness, mountain, stillwater, swiftwater, and other types of incidents.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for *Medical Search and/or Rescue Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Education	<ol style="list-style-type: none"> U.S. Department of Transportation (DOT) EMT-B, or higher level
Training	<p>Fulfillment of requirement(s) as stated in all the following applicable discipline specific standard(s):</p> <ol style="list-style-type: none"> NFPA 1670 Awareness Level Training, Including; <ul style="list-style-type: none"> General Requirements Confined Space SAR, and/or applicable industry equivalent such as mine (MSHA) or cave (NCRC) SAR Water SAR Operations Structural Collapse, and/or applicable industry equivalent such as mine (MSHA) or cave (NCRC) SAR Trench and Excavation SAR and/or applicable industry equivalent such as mine (MSHA) or cave (NCRC) SAR Rope Rescue NFPA 1006: Standard for Rescue Technician (2003), including; <ul style="list-style-type: none"> General Requirements Confined Space SAR, and/or applicable industry equivalent such as mine (MSHA) or cave (NCRC) SAR Water SAR Operations Structural Collapse, and/or applicable industry equivalent such as mine (MSHA) or cave (NCRC) SAR Trench and Excavation SAR, and/or applicable industry equivalent such as mine (MSHA) or cave (NCRC) SAR Rope Rescue Duties of the Entrant per 29 CFR 1910.146, and/or applicable industry equivalent such as mine (MSHA) or cave (NCRC) SAR NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident SAR-medical training specific to the area of practice (wilderness, alpine, canine, disaster, water, urban, collapse, etc.)

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Training	<p>Completion of the following baseline criteria:</p> <ol style="list-style-type: none">5. OSHA 1910.120 and/or 1910.134(f), Respiratory Protection6. Risk assessment7. Hazard mitigation8. PPE9. Use of related tools and devices10. Medical triage11. Medical conditions common to SAR incidents such as lacerations, fractures, shock, crush injury and crush syndrome, burns, penetrating and blunt trauma, head injuries, respiratory embarrassment, hyper/hypothermia, and infections. They must also have experience treating common medical emergencies, eye injuries, minor orthopedic injuries, etc.12. General rescue operations at structural collapse sites, landslides, hurricanes, wilderness, mountain, and other such incidents, as appropriate for the location <p>Completion of the following courses and/or curricula:</p> <ol style="list-style-type: none">13. ICS-100: Introduction to ICS14. ICS-200: Basic ICS15. FEMA IS-700: NIMS, An Introduction
Physical/ Medical Fitness	<p>Completion of the following baseline criteria:</p> <ol style="list-style-type: none">1. Minimum physical fitness standards as required by the AHJ
Certification	<ol style="list-style-type: none">1. EMT-B per NFPA 1006(2003) A-3-3.5 or higher2. Certified for confined space entry in accordance with OSHA Standard 29 CFR 1910.146 Confined Space Entry Permit , as necessary

SAR Job Title 17: Medical Search and/or Rescue Technician

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Medical Search and/or Rescue Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	<ol style="list-style-type: none"> 1. NFPA 472 HazMat Operations and/or OSHA 1910.120 (Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident 2. Certified in Basic Trauma Life Support (BTLS), Acute Trauma Life Support (ACLS), and Pediatric Advanced Life Support (PALS) regimens, or equivalent 3. FEMA/US&R Medical Team Training course or equivalent. 4. FEMA/US&R WMD Considerations for Medical Specialists, or equivalent 5. SAR-medical training specific to area of practice (wilderness, disaster, etc.). 6. DOJ Emergency Response to Terrorism, Basic Concepts, or equivalent. 7. GPS Awareness Level course 8. FEMA/US&R WMD Enhanced Operations, or equivalent 9. Continuing education requirements for training. 10. Recommend recertification and verification of all training listed above. 11. Recommend development of continuing education requirements for training 12. Maintain currency every 3 years
Experience	<ol style="list-style-type: none"> 1. Actively practicing pre-hospital care on a regular basis 2. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need.
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters²⁵, or equivalent
Certification	EMT-P per NFPA 1006(2003) A-3-3.5 or higher

²⁵ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

SAR Job Title 18: Structural Collapse Rescue Manager

Description: A *Structural Collapse Rescue Manager* is a qualified Rescue Technician who also provides direct supervision, general leadership, wellness, and safety of Structural Collapse team members within an ICS Unit.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Structural Collapse Rescue Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of requirement(s) as stated in the following standard(s):
	<ol style="list-style-type: none"> 1. NFPA 1006: Standard for Rescue Technician (2003) 2. NFPA 1670 Awareness Level training, including; <ul style="list-style-type: none"> • General Requirements • Confined Space SAR • Water SAR Operations • Structural Collapse • Trench and Excavation SAR • Rope Rescue • Duties of the Entrant per 29 CFR 1910.146 3. NFPA 472 HazMat Operations and/or OSHA 1910.120 (Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	Completion of the following baseline criteria:
	<ol style="list-style-type: none"> 4. OSHA 1910.120 and/or 1910.134(f), Respiratory Protection 5. Emergency medical care based on AHJ requirements 6. Risk assessment 7. Hazard mitigation 8. PPE 9. Use of related tools and devices
	Completion of the following courses and/or curricula:
	<ol style="list-style-type: none"> 10. ICS-100: Introduction to ICS 11. ICS-200: Basic ICS 12. ICS-300: Intermediate ICS 13. FEMA IS-700: NIMS, An Introduction 14. FEMA IS-800: NRP, An Introduction 15. Rescue Technician 16. Construction types 17. Types of collapses 18. Shoring techniques 19. Equipment and technologies for collapse rescue 20. Critical Incident Stress Management 21. Breaching and breaking 22. Heavy equipment operations
	Completion of the following training course:
	<ol style="list-style-type: none"> 23. FEMA/US&R Structural Collapse Technician course, or equivalent

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Category	Criteria
Physical/ Medical Fitness	Completion of the following baseline criteria <ol style="list-style-type: none">1. Emergency medical provider as specified in NFPA 1006: Standard for Rescue Technician (2003)2. Minimum physical fitness standards as required by the AHJ
Certification	<ol style="list-style-type: none">1. Appropriate State Rescue Technician certification2. Certified for confined space entry in accordance with OSHA Standard 29 CFR 1910.146 Confined Space Entry Permit

*ICS-300 is a requirement for FY07 NIMS compliance

SAR Job Title 18: Structural Collapse Rescue Manager

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Structural Collapse Rescue Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 1. DOJ Emergency Response to Terrorism, Basic Concepts, or equivalent. 2. GPS Awareness Level course 3. FEMA/US&R WMD Enhanced Operations, or equivalent 4. Continuing education requirements for training. 5. Recommend recertification and verification of all training listed above. 6. Recommend development of continuing education requirements for training
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents, every 5 years or as dictated by need. 2. Three years experience in structural collapse rescue operations. 3. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters²⁶ 2. NFPA 1584 Standard on medical requirements for firefighters. 3. NFPA 1583, CPAT, and International Association of Firefighters (IAFF)/International Association of Fire Chiefs (IAFC) Joint Labor Management Wellness Fitness Initiative
Certification	Completion of the following training courses: <ol style="list-style-type: none"> 1. EMT-B per NFPA 1006(2003) A-3-3.5 2. Fire Officer I, NFPA 1021 or other professional equivalent

²⁶ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

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SAR Job Title 19: Structural Collapse Rescue Technician

Description: A *Structural Collapse Rescue Technician* identifies hazards, uses equipment, and applies advanced rescue techniques in collapsed buildings.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Structural Collapse Rescue Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1006: Standard for Rescue Technician (2003) 2. NFPA 1670 Awareness Level training, including; <ul style="list-style-type: none"> • General Requirements • Confined Space SAR • Water SAR Operations • Structural Collapse • Trench and Excavation SAR • Rope Rescue • Duties of the Entrant per 29 CFR 1910.146 3. NFPA 472 HazMat Operations and/or OSHA 1910.120 (Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	Completion of the following baseline criteria: <ol style="list-style-type: none"> 4. OSHA 1910.120 and/or 1910.134(f), Respiratory Protection 5. Emergency medical care based on AHJ 6. Risk assessment 7. Hazard mitigation 8. PPE 9. Use of related tools and devices
	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 10. ICS-100: Introduction to ICS 11. ICS-200: Basic ICS 12. FEMA IS-700: NIMS, An Introduction 13. Construction types 14. Types of collapses 15. Shoring techniques 16. Equipment and technologies for collapse rescue 17. Critical Incident Stress Management 18. Breaching and breaking 19. Heavy equipment operations
Physical/ Medical Fitness	Completion of the following training course: <ol style="list-style-type: none"> 20. FEMA US&R Technical Search Specialist Course, or equivalent
	Completion of the following baseline criteria: <ol style="list-style-type: none"> 1. Emergency medical provider as specified in NFPA 1006: Standard for Rescue Technician (2003) 2. Minimum physical fitness standards as required by the AHJ

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Category	Criteria
Certification	<ol style="list-style-type: none"><li data-bbox="586 306 1110 338">1. Appropriate State Rescue Technician certification<li data-bbox="586 338 1386 396">2. Certified for confined space entry in accordance with OSHA Standard 29 CFR 1910.146 Confined Space Entry Permit

SAR Job Title 19: Structural Collapse Rescue Technician

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Structural Collapse Rescue Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 1. DOJ Emergency Response to Terrorism, Basic Concepts, or equivalent. 2. GPS Awareness Level course 3. FEMA/US&R WMD Enhanced Operations, or equivalent 4. Continuing education requirements for training 5. Recertification and verification of all training listed above.
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents, every 5 years or as dictated by need 2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters²⁷ 2. NFPA 1584 Standard on medical requirements for firefighters. 3. NFPA 1583, CPAT, and IAFF/IAFC Joint Labor Management Wellness Fitness Initiative
Certification	Completion of the following training courses: <ol style="list-style-type: none"> 1. EMT-B per NFPA 1006(2003) A-3-3.5

²⁷ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

SAR Job Title 20: Structural Collapse Search Manager

Description: A *Structural Collapse Search Manager* is a qualified Structural Collapse Search Technician who also provides direct supervision, general leadership, wellness, and safety of Structural Collapse team members within an ICS Unit.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Structural Collapse Search Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of requirement(s) as stated in the following standard(s):
	<ol style="list-style-type: none"> 1. NFPA 1006: Standard for Rescue Technician (2003) 2. NFPA 1670 Awareness Level training, including; <ul style="list-style-type: none"> • General Requirements • Confined Space SAR • Water SAR Operations • Structural Collapse • Trench and Excavation SAR • Rope Rescue • Duties of the Entrant per 29 CFR 1910.146 3. NFPA 472 HazMat Operations and/or OSHA 1910.120 (Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	Completion of the following baseline criteria:
	4. OSHA 1910.120 and/or 1910.134(f)Respiratory Protection
	5. Risk assessment
	6. Hazard mitigation
	7. PPE
	8. Use of related tools and devices
	9. Basic search techniques
	10. Advanced search techniques
	11. Search methods and tactics
	12. Canine search operations
	13. Electronic search operations
	14. Building construction
	15. Site prioritization
	16. Construction types
	17. Types of collapses
	18. Equipment and technologies for collapse rescue
	19. Critical Incident Stress Management
	Completion of the following courses and/or curricula:
	20. ICS-100: Introduction to ICS
	21. ICS-200: Basic ICS
	22. ICS-300: Intermediate ICS
	23. FEMA IS-700: NIMS, An Introduction
	24. FEMA IS-800: NRP, An Introduction
Completion of the following training course:	
25. FEMA US&R Technical Search Specialist Course. or equivalent	

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Category	Criteria
Physical/ Medical Fitness	Completion of the following baseline criteria: <ol style="list-style-type: none">1. Emergency medical provider as specified in NFPA 1006: Standard for Rescue Technician (2003)2. Minimum physical fitness standards as required by the AHJ
Certification	<ol style="list-style-type: none">1. Certified for confined space entry in accordance with OSHA Standard 29 CFR 1910.146 Confined Space Entry Permit

*ICS-300 is a requirement for FY07 NIMS compliance

SAR Job Title 20: Structural Collapse Search Manager

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Structural Collapse Search Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 1. Continuing education requirements for training. 2. FEMA US&R Search Team Manager Course 3. FEMA/US&R WMD Enhanced Operations, or equivalent 4. DOJ Emergency Response to Terrorism, Basic Concepts or equivalent 5. GPS Awareness Level training 6. Canine Search Specialist, equivalent 7. Structural Collapse Technician course, or equivalent
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents, every 5 years or as dictated by need 2. Three years experience in collapse structure search operations 3. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters²⁸ 2. NFPA 1584 Standard on medical requirements for firefighters. 3. NFPA 1583, CPAT, and IAFF/IAFC Joint Labor Management Wellness Fitness Initiative
Certification	Completion of the following training courses: <ol style="list-style-type: none"> 1. EMT-B per NFPA 1006(2003) A-3-3.5 2. Fire Officer I, NFPA 1021 or other professional equivalent

²⁸ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

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SAR Job Title 21: Structural Collapse Search Technician

Description: A *Structural Collapse Search Technician* identifies hazards, uses equipment, and applies advanced search techniques in collapsed buildings.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Structural Collapse Search Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of requirement(s) as stated in the following standard(s):
	<ol style="list-style-type: none"> 1. NFPA 1006: Standard for Rescue Technician (2003) 2. NFPA 1670 Awareness Level training, including; <ul style="list-style-type: none"> • General Requirements • Confined Space SAR • Water SAR Operations • Structural Collapse • Trench and Excavation SAR • Rope Rescue • Duties of the Entrant per 29 CFR 1910.146 3. NFPA 472 HazMat Operations and/or OSHA 1910.120 (Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	Completion of the following baseline criteria:
	4. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection
	5. Risk assessment
	6. Hazard mitigation
	7. PPE
	8. Use of related tools and devices
	9. Basic search techniques
	10. Advanced search techniques
	11. Search methods and tactics
	12. Canine search operations
	13. Electronic search operations
	14. Building construction
	15. Site prioritization
	16. Construction types
	17. Types of collapses
	18. Equipment and technologies for collapse rescue
	19. Critical Incident Stress Management (CISM)
	Completion of the following courses and/or curricula:
	20. ICS-100: Introduction to ICS
	21. ICS-200: Basic ICS
	22. FEMA IS-700: NIMS, An Introduction
22. FEMA Search Technician Course, or equivalent	
Completion of the following training course:	
23. FEMA US&R Technical Search Specialist Course, or equivalent	

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Category	Criteria
Physical/ Medical Fitness	Completion of the following baseline criteria: <ol style="list-style-type: none">1. Emergency medical provider as specified in NFPA 1006: Standard for Rescue Technician (2003)2. Minimum physical fitness standards as required by the AHJ
Certification	Certified for confined space entry in accordance with OSHA Standard 29 CFR 1910.146 Confined Space Entry Permit

SAR Job Title 21: Structural Collapse Search Technician

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Structural Collapse Search Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 1. DOJ Emergency Response to Terrorism, Basic Concepts or equivalent. 2. GPS Awareness Level course 3. FEMA Structural Collapse Technician Course, or equivalent 4. Continuing education requirements for training 5. Recertification and verification of all training listed above
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents, every 5 years or as dictated by need 2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters²⁹ 2. NFPA 1584 Standard on medical requirements for firefighters. 3. NFPA 1583, CPAT, and IAFF/IAFC Joint Labor Management Wellness Fitness Initiative
Certification	Completion of the following training courses: <ol style="list-style-type: none"> 1. EMT-B per NFPA 1006(2003) A-3-3.5 2. Certified for confined space entry in accordance with OSHA Standard 29 CFR 1910.146 Confined Space Entry Permit

²⁹ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

SAR Job Title 22: Swiftwater/ Flood Rescue Manager

Description: A *Swiftwater/Flood Rescue Manager* is a mid-level position within a water rescue task force that supervises Swiftwater/Flood Rescue Technicians and/or Swiftwater/Flood Boat Squads and provides direct supervision, general leadership, wellness and safety of team members within an ICS Unit.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Swiftwater/Flood Rescue Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of applicable requirement(s) as stated in the following standard(s), or equivalent:
	<ol style="list-style-type: none"> 1. NFPA 1006: Standard for Rescue Technician (2003), or equivalent 2. NFPA 1670, or equivalent 3. ASTM F1730-96 4. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	Completion of the following baseline criteria:
	5. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection
	6. Emergency medical first responder per NFPA 1006 (2003), A 3-3.5
	7. Risk assessment
	8. Hazard mitigation
	9. PPE
	10. Use of related tools and devices
	11. Hydrology
	12. Advance rope skills
	13. Active and passive search techniques
	14. Low head dam rescue operations
	15. Training in rating of Class 3, per AW Section VI Safety Code or higher whitewater
	16. Multiple victims
	17. Managing squad-sized teams during emergency operations
	18. GPS/maps and compass
	Completion of the following courses and/or curricula:
	19. ICS-100: Introduction to ICS
	20. ICS-200: Basic ICS
	21. ICS-300: Intermediate ICS
	22. FEMA IS-700: NIMS, An Introduction
	23. FEMA IS-800: NRP, An Introduction
	24. NIMS Operations Section Chief training
	25. NIMS Planning Section Chief training
	Completion of the following training courses:
26. Applicable portions of Rescue Technician per NFPA 1006 (2003)	

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Category	Criteria
Physical/ Medical Fitness	<p>Completion of the following baseline criteria:</p> <ol style="list-style-type: none">1. Medical requirements established by the AHJ2. Minimum physical fitness and swimming standards, JRPAT, as required by the AHJ, such as:<ul style="list-style-type: none">• National: USLA for Lifeguards (swim test, 500 meters in 10 minutes)• National: NFPA 1006 7.1.12 (Swim or float with and without aids)• State: TX/NC swim test (300 meters in 8 minutes)

SAR Job Title 22: Swiftwater/Flood Rescue Manager

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Swiftwater/Flood Rescue Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Completion of the following training courses: 1. EMT- P and/or EMT- B level per appendices of NFPA 1006 as a minimum
Training	1. NASAR MSO/MLPI Course 2. Development of a national swift/water/flood rescue manager program 3. Recertification of all training requirements listed above
Experience	1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need 2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters ³⁰
Certification	1. Completion of certification as: <ul style="list-style-type: none"> • EMT-B per NFPA 1006(2003) A-3-3.5, as a minimum • NASAR MLPI or MSO 2. Recertification of all training requirements listed above 3. Develop uniform national certification standards

³⁰ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

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SAR Job Title 23: Swiftwater/ Flood Rescue Technician

Description: A *Swiftwater/Flood Rescue Technician* is an entry-level position within a water rescue task force that responds to searches and rescues from shore and in water, consistent with NFPA 1006.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Swiftwater/ Flood Rescue Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of applicable requirement(s) as stated in the following standard(s):
	1. NFPA 1006: Standard for Rescue Technician (2003), or equivalent
	2. NFPA 1670, or equivalent
	3. ASTM F1730-96
	4. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	Completion of the following baseline criteria:
	5. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection
	6. Emergency Medical First Responder per NFPA 1006 (2000) A 3-3.5
	7. Risk assessment
	8. Hazard mitigation
	9. PPE
	10. Use of related tools and devices
	11. Hydrology
	12. Training in rating of Class 3, per AW Section VI Safety Code or higher whitewater
	13. Night operations
	Completion of the following courses and/or curricula:
	14. ICS-100: Introduction to ICS
15. ICS-200: Basic ICS	
16. FEMA IS-700: NIMS, An Introduction	
Completion of the following training courses:	
17. Applicable positions or "Rescue Technician" per NFPA 1006 (2003)	
Physical/ Medical Fitness	Completion of the following baseline criteria:
	1. Medical requirements established by the AHJ
	2. Minimum physical fitness and swimming standards, JRPAT, as required by the AHJ, such as:
	<ul style="list-style-type: none"> • National: USLA for Lifeguards (swim test, 500 meters in 10 minutes) • National: NFPA 1006 7.1.12 (Swim or float with and without aids) • State: TX/NC swim test (300 meters in 8 minutes)

SAR Job Title 23: Swiftwater/Flood Rescue Technician

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Swiftwater/ Flood Rescue Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Completion of the following training courses: <ol style="list-style-type: none"> 1. EMT- P and/or EMT- B level per appendices of NFPA 1006 as a minimum
Training	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 1. Recertification of all training requirements listed above 2. NASAR Fundamentals of SAR (FUNSAR) Course 3. FEMA IS-800: National Response Plan (NRP), An Introduction
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need 2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters³¹, or equivalent
Certification	<ol style="list-style-type: none"> 1. Completion of certification as: <ul style="list-style-type: none"> • EMT-B per NFPA 1006(2003) A-3-3.5, as a minimum • NASAR SAR TECH II 2. Recertification of all training requirements listed above 3. Develop uniform national certification standards

³¹ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

SAR Job Title 24: Swiftwater/ Flood Rescue Technician- Boat Bowman

Description: A *Swiftwater/Flood Rescue Technician- Boat Bowman* is an entry-level position within a Swiftwater/ Flood boat rescue task force that can affect in-water and boat-based (paddle and powered) rescues, while meeting the requirements to be a Swiftwater/ Flood Rescue Technician, as consistent with NFPA 1006.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Swiftwater/Flood Rescue Technician- Boat Bowman* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria		
Training	Fulfillment of applicable requirement(s) as stated in the following standard(s):		
	<ol style="list-style-type: none"> 1. NFPA 1006: Standard for Rescue Technician (2003), or equivalent 2. NFPA 1670, or equivalent 3. ASTM F1730-96 4. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident 		
	Training	Completion of the following baseline criteria:	
		<ol style="list-style-type: none"> 5. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection 6. Emergency Medical First Responder per NFPA 1006 (2000) A 3-3.5 7. Risk assessment 8. Hazard mitigation 9. PPE 10. Use of related tools and devices 11. Use of appropriate craft in aquatic environment 12. Boat and motor support (maintenance, trailering, and repair) 13. Hydrology 14. Night operations 15. GPS/maps and compass 16. Operate craft in Class 1-6, per American Whitewater Section VI Safety Code, swiftwater/flood conditions 17. SRT/Flood Technician 	
		Training	Completion of the following courses and/or curricula:
			<ol style="list-style-type: none"> 18. ICS-100: Introduction to ICS 19. ICS-200: Basic ICS 20. FEMA IS-700: NIMS, An Introduction
			Completion of the following training courses:
		Physical/ Medical Fitness	<ol style="list-style-type: none"> 21. Applicable portions of Rescue Technician per NFPA 1006 (2003)
			Completion of the following baseline criteria: <ol style="list-style-type: none"> 1. Medical requirements established by the AHJ 2. Minimum physical fitness and swimming standards, JRPAT, as required by the AHJ, such as: <ul style="list-style-type: none"> • National: USLA for Lifeguards (swim test, 500 meters in 10 minutes) • National: NFPA 1006 7.1.12 (Swim or float with and without aids) • State: TX/NC swim test (300 meters in 8 minutes)

SAR Job Title 24: Swiftwater/Flood Rescue Technician- Boat Bowman

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Swiftwater/Flood Rescue Boat Technician- Bowman* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Completion of the following training courses: 1. EMT P- and/or EMT- B level per appendices of NFPA 1006 as a minimum
Training	Completion of the following courses and/or curricula: 1. FEMA IS-800: NRP, An Introduction 2. NASAR Fundamentals of SAR (FUNSAR) Course
Experience	1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need 2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters ³² 2. Develop a data base to verify physical/medical requirements
Certification	1. Completion of certification as: <ul style="list-style-type: none"> • EMT-B per NFPA 1006(2003) A-3-3.5, as a minimum • NASAR SAR TECH II 2. Recertification of all training requirements listed above 3. Develop uniform national certification standards

³² That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

SAR Job Title 25: Swiftwater/ Flood Rescue Technician- Boat Operator

Description: A *Swiftwater/Flood Rescue Technician- Boat Operator* is an entry-level position within a Swiftwater/ Flood boat rescue task force that affects in-water and boat-based (paddle and powered) rescues while meeting the requirements to be a Swiftwater/ Flood Rescue Technician, as consistent with NFPA 1006. This position is considered “boat captain” as has the ultimate responsibility for boat operations.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Swiftwater/ Flood Rescue Technician- Boat Operator* to participate in the NIMS Integration Center’s National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of applicable requirement(s) as stated in the following standard(s):
	1. NFPA 1006: Standard for Rescue Technician (2003), or equivalent
	2. NFPA 1670, or equivalent
	3. ASTM F1730-96
	4. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	Completion of the following baseline criteria:
	5. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection
	6. Emergency Medical First Responder per NFPA 1006 (2000) A 3-3.5
	7. Risk assessment
	8. Hazard mitigation
	9. PPE
	10. Use of related tools and devices
	11. Use of power and paddle craft in aquatic environment
	12. Boat support (maintenance, trailering, and repair)
	13. Operate craft in Class 1-6, per AW Section VI Safety Code, swiftwater/flood conditions
	14. Hydrology
15. Certification as a boat bowman	
16. GPS/Map and Compass	
Physical/ Medical Fitness	Completion of the following courses and/or curricula:
	17. ICS-100: Introduction to ICS
	18. ICS-200: Basic ICS
	19. FEMA IS-700: NIMS, An Introduction
Completion of the following training courses:	
20. Applicable portions of Rescue Technician per NFPA 1006	
Physical/ Medical Fitness	Completion of the following baseline criteria:
	1. Medical requirements established by the AHJ
	2. Minimum physical fitness and swimming standards, JRPAT, as required by the AHJ, such as:
	• National: USLA for Lifeguards (swim test, 500 meters in 10 minutes)
	• National: NFPA 1006 7.1.12 (Swim or float with and without aids)
• State: TX/NC swim test (300 meters in 8 minutes)	

SAR Job Title 25: Swiftwater/Flood Rescue Technician- Boat Operator

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Swiftwater/ Flood Rescue Boat Technician-Boat Operator* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Completion of the following training courses: 1. EMT- P and/or EMT- B level per appendices of NFPA 1006 as a minimum
Training	1. FEMA IS-800: NRP, An Introduction 2. NASAR Fundamentals of SAR
Experience	1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents, every 5 years or as dictated by need 2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters ³³
Certification	1. Completion of certification as: <ul style="list-style-type: none"> • EMT-B per NFPA 1006(2003) A-3-3.5, as a minimum • NASAR SAR TECH II 2. Recertification of all training requirements listed above 3. Develop uniform national certification standards

³³ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

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SAR Job Title 26: Swiftwater/ Flood Rescue Technical Specialist (Advisor)

Description: A *Swiftwater/Flood Rescue Technical Specialist* is a qualified Swiftwater/Flood Rescue Technician that is used in an advisory capacity to provide knowledge and assistance in the use of boats and/or swift/water rescue teams during water SAR operations.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Swiftwater/Flood Rescue Technical Specialist* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of applicable requirement(s) as stated in the following standard(s):
	<ol style="list-style-type: none"> 1. NFPA 1006: Standard for Rescue Technician (2003), or equivalent 2. NFPA 1670, or equivalent 3. ASTM F1730-96 4. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	Completion of the following baseline criteria:
	<ol style="list-style-type: none"> 5. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection 6. Emergency Medical First Responder per NFPA 1006 (2000 Ed.) A 3-3.5 7. Risk assessment 8. Hazard mitigation 9. PPE 10. Use of related tools and devices 11. Hydrology 12. Advance rope skills 13. Active and passive search techniques 14. Low head dam rescue operations 15. Training in AW, Section VI Safety Code, rating of Class III or higher whitewater 16. Multiple victims 17. Managing squad-sized teams during emergency operations 18. Helicopter and Boat Operations Awareness 19. Night operations 20. USGS/I-Flow/National Weather Service (NWS) Flood warning and notification systems 21. GPS/map and compass
	Completion of the following courses and/or curricula:
	<ol style="list-style-type: none"> 22. ICS-100: Introduction to ICS 23. ICS-200: Basic ICS 24. ICS-300: Intermediate ICS 25. FEMA IS-700: NIMS, An Introduction 26. FEMA IS-800: NRP, An Introduction
	Completion of the following training courses:
	<ol style="list-style-type: none"> 27. Applicable portions of "Rescue Technician", per NFPA 1006 (2003). 28. NIMS Planning Section Chief 29. NASAR MLPI or MSO

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Category	Criteria
Physical/ Medical Fitness	Completion of the following baseline criteria: <ol style="list-style-type: none">1. Medical requirements established by the AHJ2. Minimum physical fitness and swimming standards, JRPAT, as required by the AHJ, such as:<ul style="list-style-type: none">• National: USLA for Lifeguards (swim test, 500 meters in 10 minutes)• National: NFPA 1006 7.1.12 (Swim or float with and without aids)• State: TX/NC swim test (300 meters in 8 minutes)

SAR Job Title 26: Swiftwater/Flood Rescue Technical Specialist (Advisor)

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Swiftwater/Flood Rescue Technical Specialist* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Completion of the following training courses: <ol style="list-style-type: none"> 1. EMT- P and/or EMT- B level per appendices of NFPA 1006 as minimum
Training	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 1. FEMA IS-800: NRP, An Introduction 2. Helicopter Operations 3. Confined Space Operations 4. Rope Operations 5. Search operations and planning (advanced GPS and map skills) 6. Search Operations (map skills) 7. Recertification of all training requirements listed above. 8. Knowledge of federal, state, or EMAC disaster response procedures 9. NIMS Operations Section Chief
Experience	<ol style="list-style-type: none"> 1. Three years experience in Swiftwater/Flood Rescue operations. 2. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents, every 5 years or as dictated by need. 3. Fingerprint Background Check 4. Ability to work well with others and develop new working relationships
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters³⁴
Certification	<ol style="list-style-type: none"> 1. Completion of certification as EMT-B per NFPA 1006(2003) A-3-3.5, as a minimum 2. Recertification of all training requirements listed above

³⁴ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

SAR Job Title 27: Swiftwater/ Flood Technician- Animal Rescue

Description: A *Swiftwater/Flood Technician- Animal Rescue* is an entry level position within a water rescue task force that affects animal rescues from shore and in the water, while meeting the requirements to be a Swiftwater/Flood Rescue Technician, as consistent with NFPA 1006.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Swiftwater/Flood Technician- Animal Rescue* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of applicable requirement(s) as stated in the following standard(s):
	1. NFPA 1006: Standard for Rescue Technician (2003), or equivalent
	2. NFPA 1670, or equivalent
	3. ASTM F1730-96
	4. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	5. Animal rescue course
	6. Animal behavior course
	Completion of the following baseline criteria:
	7. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection
	8. Emergency Medical First Responder per NFPA 1006 (2000 Ed.) A 3-3..5
	9. Risk assessment
	10. Hazard mitigation
	11. PPE
	12. Use of related tools and devices
	13. Hydrology
	Completion of the following courses and/or curricula:
	14. ICS-100: Introduction to ICS
15. ICS-200: Basic ICS	
16. FEMA IS-700: NIMS, An Introduction	
Completion of the following training courses:	
17. Applicable portions of "Rescue Technician", per NFPA 1006 (2003)	
Physical/ Medical Fitness	Completion of the following baseline criteria:
	1. Medical requirements established by the AHJ
	2. Minimum physical fitness and swimming standards, JRPAT, as required by the AHJ, such as:
	<ul style="list-style-type: none"> • National: USLA for Lifeguards (swim test, 500 meters in 10 minutes) • National: NFPA 1006 7.1.12 (Swim or float with and without aids) • State: TX/NC swim test (300 meters in 8 minutes)

SAR Job Title 27: Swiftwater/Flood Technician- Animal Rescue

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Swiftwater/Flood Technician- Animal Rescue* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Completion of the following training courses: 1. EMT- P and/or EMT- B level per appendices of NFPA 1006 as a minimum
Training	Completion of the following courses and/or curricula: 1. FEMA IS-800: NRP, An Introduction
Experience	1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents, every 5 years or as dictated by need 2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters ³⁵ , or equivalent
Certification	1. Completion of certification as EMT-B per NFPA 1006(2003) A-3-3.5, as a minimum 2. Recertification of all training requirements listed above 3. Develop uniform national certification standards

³⁵ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

SAR Job Title 28: Swiftwater/ Flood Rescue Unit Leader

Description: A *Swiftwater/Flood Rescue Unit Leader* is a qualified Swiftwater/Flood Rescue Manager responsible for direct supervision of multiple Managers or teams within an Operational Division/Group.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Swiftwater/Flood Rescue Unit Leader* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of applicable requirement(s) as stated in the following standard(s):
	1. NFPA 1006: Standard for Rescue Technician (2003), or equivalent.
	2. NFPA 1670, or equivalent.
	3. ASTM F1730-96
	4. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	Completion of the following baseline criteria:
	5. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection
	6. Emergency Medical First Responder per NFPA 1006 (2000 Ed.) A 3-3.5
	7. Risk assessment
	8. Hazard mitigation
	9. PPE
	10. Use of related tools and devices
	11. Hydrology
	12. Advance rope skills
	13. Active and passive search techniques
	14. Low head dam rescue operations
	15. Training in AW, Section VI Safety Code, rating of Class III or higher whitewater
	16. Multiple victims
17. Managing squad-sized teams during emergency operations	
18. GPS/map and compass	
Physical/ Medical Fitness	Completion of the following courses and/or curricula:
	19. ICS-100: Introduction to ICS
	20. ICS-200: Basic ICS
	21. ICS-300: Intermediate ICS
	22. FEMA IS-700: NIMS, An Introduction
	23. FEMA IS-800: NRP, An Introduction
	Completion of the following training courses:
	24. Applicable portions of Rescue Technician, per NFPA 1006
	Completion of the following baseline criteria:
	1. Medical requirements established by the AHJ
2. Minimum physical fitness and swimming standards, JRPAT, as required by the AHJ, such as:	
<ul style="list-style-type: none"> • National: USLA for Lifeguards (swim test, 500 meters in 10 minutes) • National: NFPA 1006 7.1.12 (Swim or float with and without aids) • State: TX/NC swim test (300 meters in 8 minutes) 	

SAR Job Title 28: Swiftwater/ Flood Rescue Unit Leader

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Swiftwater/Flood Rescue Unit Leader* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Completion of the following training courses: <ol style="list-style-type: none"> 1. EMT- P and/or EMT- B level per appendices of NFPA 1006 as a minimum 2. NASAR FUNSAR 3. NASAR MSO/MLPI Course
Training	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 1. FEMA IS-800: NRP, An Introduction
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need 2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters³⁶
Certification	<ol style="list-style-type: none"> 1. Completion of certification as: <ul style="list-style-type: none"> • EMT-B per NFPA 1006(2003) A-3-3.5, as a minimum • NASAR SAR TECH II 2. Recertification of all training requirements listed above 3. Develop uniform national certification standards

³⁶ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

SAR Job Title 29: Water Canine Search Manager

Description: A *Water Canine Search Manager* is a qualified Water Canine Search Technician who also provides direct supervision, general leadership, wellness, and safety of related team members within an ICS Unit.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Water Canine Search Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. Applicable portions of NFPA 1006, Standard for Rescue Technician (2003) 2. MRA 105.1; and/or ASTM F-2209 3. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	Completion of the following baseline criteria: <ol style="list-style-type: none"> 4. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection 5. Risk Assessment 6. Hazard Mitigation 7. PPE 8. Use of related tools and devices 9. Hydrology 10. Active and Passive Search Techniques 11. Low head dam rescue operations 12. Multiple Victims
	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 13. ICS-100: Introduction to ICS 14. ICS-200: Basic ICS 15. ICS-300: Intermediate ICS 16. FEMA IS-700: NIMS, An Introduction 17. FEMA IS-800: NRP, An Introduction
Physical/ Medical Fitness	Completion of the following baseline criteria: <ol style="list-style-type: none"> 1. Medical requirements established by the AHJ 2. Minimum physical fitness standards as required by the AHJ
Certification	<ol style="list-style-type: none"> 1. Current applicable state certification; and/or current NASAR Swiftwater certification from National Standard Curriculum; and/or current IPWDA Water Cadaver Certification from National Standard Curriculum

*Required in FY07

SAR Job Title 29: Water Canine Search Manager

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Water Canine Search Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 1. NFPA 1006 Water Rescue; and/or standardized training course 2. NASAR MLPI and/or ERI MSO, or equivalent
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need 2. Three years mission experience as Water Search Canine Handler 3. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters³⁷, or equivalent 2. EMT-B per NFPA 1006 (2003) A-3-3.5

³⁷ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

SAR Job Title 30: Water Canine Search Technician

Description: *Water Canine Search Technician* consists of a pairing of one handler and one canine trained to search for and detect human scent in and along bodies of water.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Water Canine Search Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. Applicable portions of NFPA 1006, Standard for Rescue Technician (2003) 2. MRA 105.1; and ASTM F-2209 3. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	Completion of the following baseline criteria: <ol style="list-style-type: none"> 4. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection 5. Risk Assessment 6. Hazard Mitigation 7. PPE 8. Use of related tools and devices 9. Hydrology 10. Active and Passive Search Techniques 11. Low Head Dams 12. Multiple Victims
	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 13. ICS-100: Introduction to ICS 14. ICS-200: Basic ICS 15. FEMA IS-700: NIMS, An Introduction
Physical/ Medical Fitness	Completion of the following baseline criteria: <ol style="list-style-type: none"> 1. Medical requirements established by the AHJ 2. Minimum physical fitness standards as required by the AHJ
Certification	Current applicable state certification and/or Current NASAR Swiftwater Certification from National Standard Curriculum; and/or IPWDA Water Cadaver Certification from National Standard Curriculum

SAR Job Title 30: Water Canine Search Technician

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Water Canine Search Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	
Training	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 1. NFPA 1006 Water Rescue; and/or standardized training course 2. NASAR MLPI; and/or ERI MSO; and/or state equivalent
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need 2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters³⁸, or equivalent 2. Annual medical/fitness evaluation for canine
Certification	<ol style="list-style-type: none"> 1. Recertification every two years for NASAR Standards; and/or state re-certification every 2 years 2. EMT-B per NFPA 1006 (2003) A-3-3.5

³⁸ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

SAR Job Title 31: Wilderness Air Scent Canine Search Manager

Description: A *Wilderness Air Scent Canine Search Manager* is a qualified Wilderness Air Scent Technician who also provides direct supervision, general leadership, wellness, and safety of related team members within an ICS Unit.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Wilderness Air Scent Canine Search Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	<p>Fulfillment of requirement(s) as stated in the following standard(s):</p> <ol style="list-style-type: none"> 1. Applicable portions of NFPA 1006 Standard for Rescue Technician (2003) 2. MRA 105.1; and/or ASTM F-2209 3. NFPA 472 HazMat Awareness and/or OSHA 1910.120(Q)(6)(i), HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE incident <p>Completion of the following baseline criteria:</p> <ol style="list-style-type: none"> 4. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection <p>Completion of the following courses and/or curricula:</p> <ol style="list-style-type: none"> 5. Canine SAR Tech Wilderness Course 6. ICS-100: Introduction to ICS 7. ICS-200: Basic ICS 8. ICS-300: Intermediate ICS 9. FEMA IS-700: NIMS, An Introduction 10. FEMA IS-800: NRP, An Introduction
Experience	Ongoing experience in Wilderness Air Scent canine search
Physical/ Medical Fitness	<p>Completion of the following baseline criteria:</p> <ol style="list-style-type: none"> 1. Medical requirements established by the AHJ 2. Minimum physical fitness standards as required by the AHJ
Certification	Current applicable state certification; and/or Current NASAR Swiftwater Certification from National Standard Curriculum; and/or IPWDA Water Cadaver Certification from National Standard Curriculum

*Required in FY07

SAR Job Title 31: Wilderness Air Scent Canine Search Manager

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Wilderness Air Scent Canine Search Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	<ol style="list-style-type: none"> 1. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident 2. NASAR as set forth in the canine SARTECH training course, or equivalent 3. NASAR MLPI; and/or ERI MSO; and/or state equivalent
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents, every 5 years or as dictated by need 2. Fingerprint Background Check 3. Three years mission experience in Wilderness Air Scent canine search
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters³⁹, or equivalent 2. EMT-B per NFPA 1006 (2003) A 3-3.5

³⁹ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

SAR Job Title 32: Wilderness Air Scent Canine Search Technician

Description: A *Wilderness Air Scent Canine Search Technician* is a pairing of one handler and one canine trained to search for and detect live human scent in moderately large unstructured areas of varied terrain.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Wilderness Air Scent Canine Search Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. Applicable portions of NFPA 1006 Standard for Rescue Technician (2003) 2. MRA 105.1; and/or ASTM F-2209 3. NFPA 472 HazMat Awareness and/or OSHA 1910.120(Q)(6)(i), HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE incident
Training	Completion of the following baseline criteria: <ol style="list-style-type: none"> 4. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 5. Canine SAR Tech Wilderness Course 6. ICS-100: Introduction to ICS 7. ICS-200: Basic ICS 8. FEMA IS-700: NIMS, An Introduction
Physical/ Medical Fitness	Completion of the following baseline criteria: <ol style="list-style-type: none"> 1. Medical requirements established by the AHJ 2. Minimum physical fitness standards as required by the AHJ
Certification	Current applicable state certification and/or Current NASAR Swiftwater Certification from National Standard Curriculum; and/or IPWDA Water Cadaver Certification from National Standard Curriculum

SAR Job Title 32: Wilderness Air Scent Canine Search Technician

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Wilderness Air Scent Canine Search Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	<ol style="list-style-type: none"> 1. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident 2. NASAR as set forth in the canine SARTECH training course, or equivalent 3. NASAR MLPI; and/or ERI MSO; and/or state equivalent
Experience	<ol style="list-style-type: none"> 1. Recommend position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents, every 5 years or as dictated by need. 2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters⁴⁰, or equivalent 2. EMT-B per NFPA 1006 (2003) A-3-3.5 3. Annual medical fitness evaluation for canine
Certification	NASAR recertification every 2 years

⁴⁰ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

SAR Job Title 33: Wilderness Search and/or Rescue Manager

Description: A *Wilderness Search and/or Rescue Manager* is a Wilderness SAR Technician who also provides direct supervision, general leadership, wellness, and safety of Wilderness team members within an ICS Unit. ⁴¹

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Wilderness Search and/or Rescue Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. MRA 105.1, Operations Chief, or WSAR equivalent or NFPA 1021, Fire Officer 2. ASTM F-2209, or equivalent 3. NASAR SAR Tech I, or equivalent 4. NFPA 472 HazMat Awareness and/or OSHA 1910.120(Q)(6)(i), HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	Completion of the following baseline criteria: <ol style="list-style-type: none"> 5. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection 6. Risk assessment 7. Hazard mitigation 8. PPE 9. Use of related tools and devices
	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 10. ICS-100: Introduction to ICS 11. ICS-200: Basic ICS 12. ICS-300: Intermediate ICS 13. FEMA IS-700: NIMS, An Introduction 14. FEMA IS-800: NRP, An Introduction 15. NASAR MLPI (Managing the Lost Person Incident) or equivalent 16. ICS Supervisor or Manager level training
Experience	<ol style="list-style-type: none"> 1. Current Wilderness Search and/or Rescue Technician 2. Require home state-wide wants, warrants and criminal history and NCIC wants, warrants, and criminal history 3. Participation in an AHJ currency program
Physical/ Medical Fitness	Completion of the following baseline criteria: <ol style="list-style-type: none"> 1. Medical requirements established by the AHJ 2. Minimum physical fitness standards as required by the AHJ
Certification	<ol style="list-style-type: none"> 1. NASAR SAR Tech I, or equivalent

⁴¹ A Manager credentialed only in the Search aspects is a Wilderness Search Manager. A Manager credentialed only in the Rescue aspects is a Wilderness Rescue Manager. A Manager credentialed in both SAR aspects is a Wilderness SAR Manager.

SAR Job Title 33: Wilderness Search and/or Rescue Manager

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Wilderness Search and/or Rescue Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	<ol style="list-style-type: none"> 1. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident 2. ICS-400 3. NFPA Fire Officer I, or other professional equivalent
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years 2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters⁴², or AHJ equivalent
Certification	Recertification every 3 years

⁴² That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

SAR Job Title 34: Wilderness Search and/or Rescue Technical Specialist (Advisor)

Description: A *Wilderness Search and/or Rescue Technical Specialist* is a qualified Wilderness SAR Technician that is used in an advisory capacity to provide knowledge and assistance in the use of search canine in wilderness search operations.⁴³

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Wilderness Search and/or Rescue Technical Specialist* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. ASTM F-2209, or equivalent 2. NASAR SAR Tech I, or equivalent 3. NFPA 472 HazMat Awareness and/or OSHA 1910.120(Q)(6)(i), HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	Completion of the following baseline criteria: <ol style="list-style-type: none"> 4. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection 5. Risk assessment 6. Hazard mitigation 7. PPE 8. Use of related tools and devices
	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 9. Canine SAR Tech Wilderness Course 10. ICS-100: Introduction to ICS 11. ICS-200: Basic ICS 12. ICS-300: Intermediate ICS 13. FEMA IS-700: NIMS, An Introduction
Experience	<ol style="list-style-type: none"> 1. Current Wilderness Search and/or Rescue Technician 2. Require home state-wide wants, warrants and criminal history and NCIC wants, warrants, and criminal history 3. Participation in an AHJ currency program
Physical/ Medical Fitness	Completion of the following baseline criteria: <ol style="list-style-type: none"> 1. Medical requirements established by the AHJ 2. Minimum physical fitness standards as required by the AHJ
Certification	NASAR SAR Tech I, or MRA Rescue Technician, or equivalent

⁴³ A Technical Specialist credentialed only in the Search aspects is a Wilderness Search Technical Specialist. A Technical Specialist credentialed only in the Rescue aspects is a Wilderness Rescue Technical Specialist. A Technical Specialist credentialed in both SAR aspects is a Wilderness SAR Technical Specialist.

SAR Job Title 34: Wilderness Search and/or Rescue Technical Specialist (Advisor)

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Wilderness Search and/or Rescue Technical Specialist* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	<ol style="list-style-type: none"> 1. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident 2. ICS-400: Advanced ICS 3. Knowledge of Federal, State, or EMAC disaster response procedures
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years 2. Three years experience in wilderness SAR 3. Fingerprint Background Check 4. Recommend develop minimum continuing education experience standards
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters⁴⁴, or WSAR equivalent
Certification	Recertification of training every 3 years

⁴⁴ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

SAR Job Title 35: Wilderness Search and/or Rescue Technician

Description: A *Wilderness Search and/or Rescue Technician* is a member of a Wilderness SAR Team who searches for and rescues those in trouble in urban/suburban as well as other environments.⁴⁵

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Wilderness Search and/or Rescue Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of requirement(s) as stated in the following standard(s):
	<ol style="list-style-type: none"> 1. MRA 105 Operational Level; or ASTM F-2209 or NASAR SAR Tech II; or equivalent 2. NFPA 472 HazMat Awareness and/or OSHA 1910.120(Q)(6)(i), HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE incident 3. Bloodborne/Airborne Pathogens per OSHA 4. DOI AM B-3 or equivalent
	Completion of the following baseline criteria:
	<ol style="list-style-type: none"> 5. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection 6. Risk assessment 7. Hazard mitigation, including lifting, dealing with animals and possible armed subjects and criminals 8. PPE for 4 seasons in any of the anticipated areas of operation 9. Use of related SAR tools and devices 10. Various SAR Standards 11. Legal Aspects of SAR EMS, SAR risk, liability, insurance, and injury and death of members 12. SAR ethics, including dealing with families, confidentiality and media 13. Team and crew safety issues 14. For drivers: Driver's safety 15. Personal and team physical, medical and behavioral wellness, fitness, and limitations 16. Wilderness weather 17. Survival and bivouac in four seasons in any anticipated areas of operations 18. Use of other resources including canines and other animals 19. Recognizing possible child predator situations 20. Awareness for search around swift/flood water, underground spaces 21. HazMat awareness to include drug labs 22. Animal technical rescue awareness 23. Documentation and record keeping for SAR and EMS 24. Field Communications, interoperability, equipment, proper use of phones, radios, data 25. Medical aid of self, team members, and customers

⁴⁵ A Technician credentialed only in the Search aspects is a Wilderness Search Technician. A Technician credentialed only in the Rescue aspects is a Wilderness Rescue Technician. A Technician credentialed in both SAR aspects is a Wilderness SAR Technician.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

Category	Criteria
	<p>26. Customer evacuations, choices, methods, equipment</p> <p>27. Helicopter operations in SAR for all seasons in all anticipated areas of operations, including:</p> <ul style="list-style-type: none"> • Types of Helicopters in SAR • Risk Continuum: low risk to higher risk helicopter use • Related FAA regulations • Personal capabilities and limitations and preflight prep • Helicopter capabilities and limitations • Safety Briefing/ Aircraft familiarization, storage, Emergency Locator Transmitter (ELT) introduction • Safety rules, dos and don'ts • Helicopter-related Communications for SAR personnel • Night operations • Customers on helicopters, control of, consent issues • Basic emergency procedures on ground and in flight • Uses of helicopter adjuncts, such as NVG and FLIR • Basic physiological effects of flight on personnel, customers and equipment • Special-Use issues, hazards, and mitigation • Ingress and egress training and practice in all methods to be used on operations, such as hover ingress-egress, etc. <p>Completion of the following courses and/or curricula:</p> <p>27. ICS-100: Introduction to ICS</p> <p>28. ICS-200: Basic ICS</p> <p>29. FEMA IS-700: NIMS, An Introduction</p> <p>30. CERT (G-371) or equivalent for disaster related responses⁴⁶</p>
Experience	<p>1. Finger print and background check</p> <p>2. Participation in an AHJ currency program</p>
Physical/ Medical Fitness	<p>Completion of the following baseline criteria:</p> <p>1. Medical requirements established by the AHJ</p> <p>2. Minimum physical fitness standards as required by the AHJ, such as:</p> <ul style="list-style-type: none"> • MRA 105.1 Fitness • CO WSAR Fitness • NWCG Pack Test "Arduous" • MCSOMR/CAMRA Mountain Rescue Specific Physical Ability Test (MRSPAT) • NIMS WSAR Type II and IV Fitness <p>3. CDC/ WHO recommended inoculations</p>
Certification	<p>1. Any of the following or equivalent:</p> <ul style="list-style-type: none"> • MRA 105.1 Operational Level • NASAR SAR Technician II or greater • Colorado State SAR Board WSAR Technician Type II or greater • Appropriate equivalent State certification

⁴⁶ These are areas that may not be required for non-disaster and non-INS responses

SAR Job Title 35: Wilderness Search and/or Rescue Technician

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Wilderness Search and/or Rescue Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	<ol style="list-style-type: none"> 1. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident 2. Recertification every 3 years 3. Minimum of Wilderness First Aid
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents 2. Participation in currency program per AHJ
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters⁴⁷, or AHJ equivalent
Certification	Recertification every 3 years

⁴⁷ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

SAR Job Title 36: Wilderness Search and/or Rescue Unit Leader

Description: A *Wilderness Search and/or Rescue Unit Leader* is a qualified Wilderness SAR Manager responsible for direct supervision of multiple wilderness-related Managers within an Operational Division/Group. ⁴⁸

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Wilderness Search and/or Rescue Unit Leader* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. MRA 105.1, Operations Chief, or wilderness SAR equivalent 2. ASTM F-2209, or equivalent 3. NASAR SAR Tech I, or equivalent 4. NFPA 472 HazMat Awareness and/or OSHA 1910.120(Q)(6)(i), HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	Completion of the following baseline criteria: <ol style="list-style-type: none"> 5. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection 6. Risk assessment 7. Hazard mitigation 8. PPE 9. Use of related tools and devices
	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 10. ICS-100: Introduction to ICS 11. ICS-200: Basic ICS 12. ICS-300: Intermediate ICS 13. FEMA IS-700: NIMS, An Introduction 14. FEMA IS-800: NRP, An Introduction 15. NASAR MLPI, or equivalent. 16. ICS Operations Section Chief training 17. Fire Officer, NFPA 1021 or SAR equivalent, such as MRA 105.1 Operations Chief
Experience	<ol style="list-style-type: none"> 1. Operations Chief experience 2. Home statewide wants, warrants, and criminal history; NCIC wants, warrants, and criminal history 3. Current or recent Wilderness SAR Technician and Manager 4. Participation in an AHJ currency program
Physical/ Medical Fitness	Completion of the following baseline criteria: <ol style="list-style-type: none"> 1. Medical requirements established by the AHJ 2. Minimum physical fitness standards as required by the AHJ

⁴⁸ A Unit Leader credentialed only in the Search aspects is a Wilderness Search Unit Leader. A Unit Leader credentialed only in the Rescue aspects is a Wilderness Rescue Unit Leader. A Unit Leader credentialed in both SAR aspects is a Wilderness SAR Unit Leader.

SAR Job Title 36: Wilderness Search and/or Rescue Unit Leader

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Wilderness Search and/or Rescue Unit Leader* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	<ol style="list-style-type: none"> 1. NFPA 472 HazMat Operations and/or OSHA 1910.120(O)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident 2. ICS-400: Advanced ICS
Experience	<ol style="list-style-type: none"> 1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years 2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters⁴⁹, or AHJ equivalent
Certification	Training recertification every 3 years

⁴⁹ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.