

Resource Typing Template

Resource: Mountain Search and Rescue Team

Categories:

<input type="checkbox"/> Transportation (ESF 1)	<input type="checkbox"/> Communication (ESF 2)	<input type="checkbox"/> Public Works and Engineering (ESF 3)
<input type="checkbox"/> Firefighting (ESF 4)	<input type="checkbox"/> Information & Planning (ESF 5)	<input type="checkbox"/> Mass Care (ESF 6)
<input type="checkbox"/> Resource Management (ESF 7)	<input type="checkbox"/> Health & Medical (ESF 8)	<input checked="" type="checkbox"/> Search & Rescue (ESF 9)
<input type="checkbox"/> HazMat (ESF 10)	<input type="checkbox"/> Food & Water (ESF 11)	<input type="checkbox"/> Energy (ESF 12)
<input type="checkbox"/> Law Enforcement/Security	<input type="checkbox"/> Military Support	<input type="checkbox"/> Public Information
<input type="checkbox"/> Animals and Agriculture Issues	<input type="checkbox"/> Volunteers and Donations	<input type="checkbox"/> Other _____

Kind:

<input checked="" type="checkbox"/> Team	<input type="checkbox"/> Equipment	<input type="checkbox"/> Supplies	<input type="checkbox"/> Other _____
<input type="checkbox"/> Aircraft	<input type="checkbox"/> Personnel	<input type="checkbox"/> Vehicle	

Components and Capabilities:

Components	Metric (s)	Minimum Capabilities				
		Type I	Type II	Type III	Type IV	Other
Team	Personnel	Field team leader; field team members; medical specialist.	Field team leader; field team members; medical specialist.	Field team leader; field team members; medical specialist.	Field team leader; field team members; medical specialist.	
Personnel Training	Navigation Training	Same as Type II.	Same as Type III.	Same as Type IV, plus proficiency in back country navigation including the ability to triangulate a position, ascertain a UTM, utilize GPS, and follow a route to a new location using a topographical map and compass.	Navigation (map and compass).	
Personnel Training	Survival Training	Same as Type II, plus proficiency in	Operational and technical proficiency	Same as Type IV, plus proficiency in	Operational proficiency in	

		severe winter skills.	in personal survival in mountainous terrain and snow and ice environments, to include avalanche awareness, snow travel, and winter skills.	snow travel and winter skills.	personal survival in mountainous terrain.	
Personnel Training	Technical Training	Same as Type II, plus proficient at estimating the mechanical forces involved in technical rescue systems and estimating factors of safety; proficiency in the use, placement and analysis of mechanical anchors and anchor systems; proficiency in the use of highlines; proficiency in the use of slings, etriers, Prusik hitches and mechanical ascenders; proficiency in the organization and direction of technical litter evacuation.	Same as Type III, plus understanding of the mechanical forces involved in technical rescue systems; proficiency in the selection and setup of rescue anchor systems; proficiency at estimating safety factors; proficiency in technical litter evacuation and transport; litter descents (on steep, vertical, and overhanging rock, on scree and snow, and traversing); lowering of a subject without a litter; raising a subject or litter; knowledge of procedures involved with helicopter transport.	Proficiency in bagging, coiling, throwing and storing static and dynamic ropes; proficiency in tying common knots, and knowledge of their applications and strength efficiencies; proficiency in search techniques including in hasty and line search techniques, directing line searches and probe lines.	Skills or abilities as identified by the team operation's leader.	
Personnel Training	Alpine Training	Same as Type II, plus proficiency in winter camping in any area; proficiency in snow and ice climbing; proficiency in avalanche search and rescue, including use of SAR dogs; proficiency in high and low-angle.	Same as Type III, plus ability to recognize avalanche hazards and to perform avalanche search and rescue and proficiency in scuff searches, digging and probing.	Same as Type IV, plus ability to backpack required equipment at least five miles.	Basic understanding of mountain weather. Ability to walk in mountainous terrain (Class 1-3); ability to backpack personal equipment at least four miles with an elevation gain of at least 2000 feet. Avalanche	

		technical snow and ice rescues and evacuations.			awareness training.	
Personnel	Basic training	Same as Type II, plus technical proficiency in one-person rescue and self-rescue techniques; proficiency in mantracking; ability to plan, organize and direct search and rescue missions using ICS.	Same as Type III, plus ability to direct activities according to ICS.	Same as Type IV, plus capable of operating within ICS.	Proficiency in search techniques; awareness of mantracking and maintaining site integrity; understanding of the ICS. Specialized training required to safely and appropriately use technical rescue gear carried by the team.	
Medical Specialist	Training	National standard EMT curriculum; ACLS, BTLS	National standard EMT-B curriculum or advanced wilderness first responder; BTLS	Same as Type IV	National standard first responder or wilderness first responder curriculum; BTLS	
Team	Sustained Operations	60-hours	48-hours	24-hours	12-hours	
Team	Search and Rescue Capabilities	Same as Type II, plus capable of searching all terrain (class 1-5), including severe rock; highly trained rescue personnel with multi-pitch, high angle experience on vertical rock, ice, and steep snow.	Same as Type III, plus capable of searching steep, timbered terrain, excluding severe rock, day or night; and ability to conduct single-pitch, high-angle rock and low-angle snow rescue.	Same as Type IV, plus backcountry, low-angle scree evacuation and search capabilities in all weather, except winter and for moderate to steep terrains (class 1-4).	Trained search and rescue personnel with experience in non-technical backcountry evacuation/carryouts in moderate terrain (Class 1-3) in good or mild weather.	
Team Equipment	Supplies and Materials	Same as Type II, plus ropes of various diameters required to run at least three simultaneous operations. Equipped to be self-sustaining for 60 hours in all environments.	Same as Type III, plus a full compliment of rescue/climbing gear, including at least one dynamic lead climbing rope of at least 10.2 diameter. Equipped to be self-sustaining for 48 hours in all environments.	Same as Type IV, plus ropes of various diameters, as required by the environment and/or operation. Equipped to be self-sustaining for 24 hours.	Harnesses, helmets, basic hardware, rope (CI-1801); radio communications on a common frequency; and patient packing materials. Equipped to be self-sustaining for 12 hours.	

Personal Equipment	Supplies and materials	Same as Type II, plus food for 72 hours.	Same as Type III, plus food for 60 hours and a second light source.	Same as Type IV, plus food for 36 hours.	Personal protective equipment including footwear, outerwear, harnesses, helmets, and equipment appropriate to the environment and/or operation; quantity of water appropriate for the conditions; appropriate pack to carry personal gear; food for 24 hours; headlamp or flashlight; waterproof fire source; knife; compass and maps; personal First Aid Kit; waterproof pen/pencil and paper; and whistle.	
Medical Equipment	Supplies and Materials	As appropriate for level of training, as applied in wilderness environment and meeting local protocols and requirements.	As appropriate for level of training, as applied in wilderness environment and meeting local protocols and requirements.	As appropriate for level of training, as applied in wilderness environment and meeting local protocols and requirements.	As appropriate for level of training, as applied in wilderness environment and meeting local protocols and requirements.	

Comments:

Search for and rescue people in trouble either above the timberline or in high angle areas below the timberline, which can include glacier, crevasse, backcountry and alpine search and rescue, and educate the population in safe activities so they will be able to avoid the dangers that result in the need for rescue.

Definitions:

GPS: Global Positioning System

Navigation: The practice of charting a course for a group of people (team) using basic tools such as a map and compass.