



RESOURCE: Canine Search and Rescue Team – Wilderness Air Scent							
CATEGORY:		Search & Rescue (ESF #9)			KIND:	Team	
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER	
COMPONENT	METRIC						
Single Resource	Search Capabilities	Capable of search and self-sustaining for 72 hours in all weather and low angle wilderness terrain or larger areas of 60+ acres	Capable of searching and self-sustaining for 48 hours in all weather and low angle wilderness terrain or larger areas of 60+ acres	Capable of searching high probability local wilderness terrain for short durations (24 hours or less) or small areas 40-60 acres	Capable of searching high probability local wilderness terrain for short durations (12 hours or less) or small areas 40-60 acres	Human discriminating (scent source necessary)	
Single Resource	Search Capabilities	Capable of searching and self-sustaining for 72 hours in all weather and low angle wilderness terrain or larger areas of 120+ acres	Capable of searching and self-sustaining for 48 hours in all weather and low angle wilderness terrain or larger areas of 120+ acres	Capable of searching high probability local wilderness terrain for short durations (24 hours or less) or small areas of 60-120 acres	Capable of searching high probability local wilderness terrain for short durations (12 hours or less) or small areas of 40-60 acres	Non-discriminating (locate all human indication in area)	
COMMENTS:		<p>There are significant differences in the training required for urban versus wilderness environments, both in air scent/area and trailing/tracking. Because of the vast differences, often a resource highly skilled in one environment may not function as well in the other environment because of a lack of continuous training in the environment. Teams may be cross-trained in both environments, depending on the team training criteria.</p> <p>Note: Many of these resources are capable of searching in a disaster environment, such as a wilderness team in outlying areas of a tornado zone, etc. It is critical that canine management personnel, knowledgeable in multiuse of canine resources, are available to Incident Command. This will not necessarily be reflected in this document.</p>					



RESOURCE: Canine Search and Rescue Team – Wilderness Tracking/Trailing							
CATEGORY:		Law Enforcement/Security, Search & Rescue (ESF #9)			KIND:	Team	
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER	
COMPONENT	METRIC						
Personnel	Dog Team	Same as Type IV	Same as Type IV	Same as Type IV	1 Dog 1 Handler 1 Support Person	Same as Type IV	
Team	Search Capabilities	Capable of trailing in wilderness terrain Aged 24+ hours; 1 mile or longer; Heavy contamination	Capable of trailing in wilderness terrain Aged 4-12 hours; 1 mile or longer; Heavy contamination	Capable of trailing in wilderness terrain Aged 1.5-4 hours; .5-1 mile; Heavy contamination	Capable of trailing in wilderness terrain Aged 0-1.5 hours; .25-.5 mile; Heavy contamination	Discriminating (scent source must be available)	
Personnel	Equipment	Personally equipped for 24 hours for dog/handler First Aid for both human and dog Radio communications	Same as Type I	Same as Type I	Same as Type I	N/A	
Personnel	Knowledge	Wilderness survival skills Capable of establishing and maintaining direction of travel First Aid for both human and dog Personal/ dog safety Skill in collection of scent articles	Same as Type I	Same as Type I	Same as Type I	N/A	
COMMENTS:	<p>As these dogs use scent articles, they are commonly referred to as trailing dogs. However, occasionally, a unit may refer to such dogs as tracking dogs. They do have the capability of human discrimination between sources with the aid of a provided scent source. Care should be taken to determine if a tracking dog requires the use of an article or not.</p> <p>Note: Many of these resources are capable of searching in a disaster environment, such as a wilderness team in outlying areas of a tornado zone, etc. It is critical that canine management personnel, knowledgeable in multiuse of canine resources, are available to Incident Command. This will not necessarily be reflected in this document.</p>						



RESOURCE: Canine Search and Rescue Team – Land Cadaver Air Scent							
CATEGORY:		Search & Rescue, Other			KIND:	Team	
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER	
COMPONENT	METRIC						
Personnel	Dog Team	1 Dog 1 Handler 1 Support Person	Same as Type I	Same as Type I	Same as Type I	Same as Type I	
Team	Search Capabilities	Capable of locating less than 15 grams of human remains during disaster ops; Capable of self-sustaining for 24 hours	Capable of locating deceased persons (greater than 15 grams) in disaster ops; Capable of self-sustaining for 24 hours	Capable of locating less than 15 grams of human remains buried, hanging, ground level, or in vehicles, nondisaster	Capable of locating less than 15 grams of human remains buried, hanging, ground level, nondisaster	Capable of locating deceased persons (greater than 15 grams) buried, hanging, ground level, nondisaster	
Team	Knowledge and Equipment	Same as Type II	Same as Type III plus: Disaster ops training and capabilities	Same as Type IV	Training and equipment for biohazard environment, including OSHA guidelines, scene preservation, documentation, collection, chain of custody, and scene security First Aid for both human and dog, personal/ dog safety, and radio communications	Same as Type IV	
COMMENTS:							



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CATEGORY: Search & Rescue (ESF #9)				KIND: Team		
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
Team	Rescue Capabilities	Same as Type II	Backcountry, low-angle evacuation	Same as Type IV	Trained rescue personnel with experience in nontechnical backcountry evacuation/carryouts supported by local technical experts	
Team	Search Capabilities	Capable of conducting self-sustaining full search operations for 72 hours in all weather and low-angle wilderness terrain Competent and experienced Incident Command staff	Capable of conducting self-sustaining full search operations for 48 hours in all weather and low-angle wilderness terrain Competent and experienced Incident Command staff	Same as Type IV	Capable of searching high-probability local wilderness terrain for short durations (24 hours or less)	
Personnel	Team Composition	At least 6 team leaders and 48 team members to support at least 6 operational field units (at least 1 member of each team must be a medical specialist – see below) Management staff following ICS model	At least 4 team leaders and 28 team members to support at least 4 operational field units (at least 1 member of each team must be a medical specialist – see below) Management staff following ICS model	At least 2 team leaders and 6 team members to support at least 2 operational field units Must be supported by local EMS and technical rescue personnel	At least 1 team leader and 3 team members Must be supported by local EMS and technical rescue personnel	
Personnel	Medical Specialist	National standard EMT curriculum; ACLS, BTLS	National standard EMT-B curriculum or wilderness first responder; BTLS	Same as Type IV	Not required – supported by local EMS	
Personnel	Overhead Incident Management	Same as Type II	Incident staff capable of managing wilderness search operations	Same as Type IV	Unit level mission release No search management capabilities	
Personnel	Crew Availability	Same as Type II	Available for more than 1 full day of operations	Same as Type IV	Available for at least 1 full day of operations	



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COMPONENT	METRIC						
Personnel	Sustained Operations	72 hours	48 hours	Same as Type IV	24 hours		
Personnel	Training	Same as Type II plus: Personnel demonstrate proficiency in mantracking and working with expert mantrackers	Same as Type III plus: 1 member of each team must be current to the requirements of the medical specialist (see above) Must also be knowledgeable of procedures involved with helicopter transport and coordination with search crews, both ground and air Must have the ability to operate in an ICS structure, and be able to plan, organize, and direct search and rescue missions Team members must have training for operations in remote locations for extended periods	Same as Type IV plus: Proficiency in backcountry navigation (including the ability to triangulate a position, ascertain a UTM, use GPS, and follow a route to a new location using a topographical map and compass) Must be proficient at conducting and directing search lines	Must be able to operate the team's equipment; Team members are not expected to operate in remote field locations for extended periods Must have basic navigation training using a map and compass Must have technical proficiency in personal survival in local wilderness terrain Must have awareness of mantracking and maintaining site integrity Must have a basic understanding of the ICS Must have proficiency in hasty search techniques		
Vehicle	Transportation	4x4 vehicles that can transport each team throughout or to the search area	Vehicles that can transport each team throughout or at least to the search area 4x4s are not required, but recommended	Same as Type IV	1 vehicle that can transport the team throughout or at least to the search area 4x4s are not required, but recommended		
Equipment	Clothing	Same as Type II	Same as Type III	Same as Type IV	Appropriate level of PPE for working environment		
Equipment	Communications	Same as Type II	Same as Type III plus: VHF capability to	Same as Type IV plus: VHF communications	VHF Radios for team communications		



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MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
			communicate with aircraft	capability with other teams	Cell Phone	
Equipment	Search & Rescue	Same as Type II	Equipment to support remote extrication and field transport of survivors	None required	None required	
Supply	Self-sustaining	Equipped to be self-sustaining for 72 hours in local wilderness environments	Equipped to be self-sustaining for 48 hours in local wilderness environments	Same as Type IV	Equipped to be self-sustaining for 24 hours in local wilderness environments	
Equipment	Medical	Same as Type II	Same as Type III, plus ability to support survivors	Same as Type IV	As appropriate for level of training, as applied in wilderness environment and meeting local protocols and requirements for support of the team	
COMMENTS	Team members will usually only work a maximum of 12-hour shifts, depending on individual unit policies and procedures. Crew availability does not require continuous availability of specific personnel, only that crews are available to those specifications, though some personnel may have extended assignments in the field. Medical support and technical rescue equipment is expected to be provided by local EMS and other technical rescue personnel for Type III and IV teams.					