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Standard Terminology Relating to F32 Land Search and Rescue Standards and Guides¹

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1. Scope

1.1 This terminology document is a compilation of definitions of terms, abbreviations, and acronyms used in F32 Land Search and Rescue Standards and Guides, collected in order to provide consistency in communications when used in writing and interpreting the Committee's documents.

2. Referenced Documents

2.1 *ASTM Standards:*²

F1177 Terminology Relating to Emergency Medical Services

F1616 Guide for Scope of Performance of First Responders Who Practice in the Wilderness or Delayed or Prolonged Transport Settings

F1633 Guide for Techniques in Land Search

F1655 Guide for Training First Responders Who Practice in Wilderness, Delayed, or Prolonged Transport Settings

F1847 Guide for Minimum Training of Search Dog Crews or Teams

F1848 Classification System for Canine Search Resources

F2209 Guide for Training of Land Search Team Member

F2685 Guide for Training of a Land Search Team Leader (STL)

F2751 Guide for Training of a Land Search and Rescue Team Member

F2752 Guide for Training for Level I Rope Rescue (R1) Rescuer Endorsement

F2794 Guide for Level 1 (Basic) Mounted Search and Rescue (MSAR) Responder

F2852 Practice for Training a Land Search Tracker

F2954 Guide for Training for Level II Rope Rescue (R2) Rescuer Endorsement

F2955 Guide for Training for Level III Rope Rescue (R3) Rescuer Endorsement

F3024 Guide for Training of a Land Search and Rescue (SAR) Strike Team/Task Force Leader

F3027 Guide for Training of Personnel Operating in Mountainous Terrain (Mountain Endorsement)

F3028 Guide for Training of Search and Rescue Personnel Operating in the Alpine Environment (Alpine Endorsement)

F3048 Guide for Swiftwater/Flood Search and Rescue Operations

F3069 Guide for Requirements for Bodies that Operate Certification Programs in the Field of Search and Rescue

F3070 Guide for Evaluating Area Search Dog Crews or Teams

F3098 Guide for Training of Non-Wilderness Land Search Team Member

F3144 Guide for Evaluating Trailing Search Dog Crews or Teams

F3193 Guide for Training of a Land Search and Rescue Team Leader

2.2 *Other Document:*

Fundamentals of Search and Rescue³

3. Significance and Use

3.1 The terminology in this document is applicable to the standards and guides published by ASTM Committee F32.

3.2 The definitions provided in this terminology standard shall be used when interpreting the meaning, purpose or applicability of a guide, standard, or a specific subsection therein.

4. Terminology

4.1 *Definitions:*

ability, *n*—the capacity to perform a physical or mental activity at the present time.

DISCUSSION—Typically abilities are apparent through functions completed on the job. The terms abilities and skills are often used interchangeably. The main difference is that ability is the capacity to perform where a skill is the actual manipulation of data, things or people. You may have the ability but unless observed through actions that ability may not transfer to a skill set. Example: I am able to tie a knot as I possess the perceptual and motor skills required to do so.

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² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

³ Cooper, D. Jones & Barlett Learning, Sudbury, MA, 2005, p. 229.

air scenting, *v*—a search dog action whereby a dog attempts to detect the presence of human scent in the air and, if found, follow that airborne scent to its source.

air scent dog, *n*—a dog having the certified ability to detect airborne human scent.

alert, *n*—*relative to search dog crew or team*, a repeatable, demonstrable change in a search dog's behavior in response to a specific scent, as defined and interpreted by the handler.

alpine environment, *n*—mountainous terrain, typically above tree line, generally above 11,500 ft (3500 m), where the ability to negotiate routes rated Class 2–5⁴ is required and where travel is further affected by combinations of altitude, extreme weather, extensive exposure to snow/ice obstacles, avalanche risk, and crevasses.

alpine land search and rescuer, *n*—an individual who operates in the alpine environment, whose training meets or exceeds that defined in Guide **F2751**, and who has a Guide **F3028** alpine endorsement.

area search dog team or crew, *n*—an air scent dog and handler whose training meets or exceeds that defined in Guide **F3070**.

authority having jurisdiction (AHJ), *n*—(1) *relative to general use*, an organization, office, or individual responsible for enforcing the requirements of a code or standard, or for approving equipment, materials, an installation, or a procedure;⁵(2) *relative to SAR operations*, the federal, state, or local agency having statutory authority to manage the operations.

certification, *n*—(1) a document of record stating that a product, process, system, or person has successfully completed a defined process administered by a certifying body;²² (2) the process of providing assurance that a product conforms to a standard or specification or that a person is competent to perform a certain task.⁶

certified, *adj*—having received certification to a standard or specification from a certifying body.

certifying body, *n*—an organization which, having implemented a system for evaluating individuals, animals, or equipment to determine if the individuals, animals, or equipment meet the requirements defined in a specific standard, attests that the individuals, animals, or equipment meet the requirements defined in that standard.

clue awareness, *n*—to be aware of evidence left by a subject(s) which may help to ascertain their location or direction of travel, or both.

competent, *adj*—having the necessary knowledge, skills, and abilities to perform a task or function at a defined level of proficiency.

⁴ Classification per Yosemite Decimal System in, Eng, R. C., and Van Pelt, J., eds., *Mountaineering: The freedom of the hills*, 8th ed., Mountaineers Books, Seattle, WA, 2010, p. 564.

⁵ NFPA Glossary of Terms, 2016 Edition.

⁶ NISTIR 6014, The ABC's of the U. S. Conformity Assessment System.

competency, *n*—a combination of knowledge, skills and abilities that, when acquired, allows a person to perform a task or function at a defined level of proficiency.

competency-based qualification system, *n*—a system in which qualified evaluators document, in writing, in a standard form (such as a Position Task Book), that an individual has competently performed one or more tasks.

confinement, *n*—the act of limiting the growth of the potential search area by minimizing the likelihood that the subject(s) can leave the search area undetected.

credential, *n*—documentation that identifies personnel and authenticates and verifies the qualifications of such personnel by ensuring that such personnel possess a minimum common level of training, experience, physical and medical fitness, and capability appropriate for a particular position.⁷

effective sweep width (ESW), *n*—a measure of the range at which a particular SAR resource can detect a specified object under specific environmental conditions.

emergency medical services system (EMS), *n*—a coordinated arrangement of resources (including personnel, equipment, and facilities) organized to respond to medical emergencies, regardless of the cause.⁸

endorsement, *n*—documentaion stating that an individual has additional specialized knowledge, skills, and abilities beyond those associated with a specific certification.

field, *n*—(1) the location, away from the base or command post, in which personnel perform a task or tasks; (2) *v*—to send personnel away from the base or command post to perform a task or tasks.

field operations, *n*—searches, rescues, or other organized tasks performed away from the base or command post.

first aid, *n*—the emergency care or treatment given to an ill or injured person before advanced life support can be provided by emergency medical responders.

first aid training, *n*—(1) *relative to F32 guides*, a program identified by the AHJ that provides an individual with the basic knowledge and skills required to provide first aid within the scope determined by the AHJ; (2) *relative to general use*, a program that provides an individual with the basic knowledge and skills required to provide first aid.

flood, *n*—a great flowing or overflowing of water, especially over land not usually submerged.⁹

handler, *n*—an individual whose training meets or exceeds that defined in Guide **F1847** and who has demonstrated the certified ability to control and direct a trained search dog.

hasty search, *v*—(1) to quickly check a high probability area (usually performed by a fast moving, well-trained search

⁷ Guideline for the Credentialing of Personnel, DHS, 2011.

⁸ Terminology **F1177**.

⁹ <http://dictionary.reference.com/browse/flood?s=t>.