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Standard Guide for Training of Support Level Land Rescue Team Member (LRT-Support) Member¹

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1. Scope

1.1 This guide establishes the minimum training standard for LRT-Support Members as it relates to their general, field, and rescue-specific knowledge and skills. This document may appropriately be used to develop or evaluate a training document or program.

1.2 An LRT-Support Member rescues on the surface of the land only, including wilderness, mountainous, desert, or remote environments. This guide alone does not provide the minimum training requirements for rescuing in the high angle environment, partially or fully collapsed structures, in or on water, in confined spaces, or underground (such as caves, mines, and tunnels).

1.2.1 An LRT-Support Member is required to have knowledge and skill sets pertaining to the evacuation/carryout component of rescue.

1.2.2 LRT-Support Members must work under qualified supervision.

1.2.3 LRT-Support Members are eligible to be members of Type II search teams or crews as defined in Classification F1993.

1.3 Type II teams which may utilize personnel trained to this guide are Kind A (wilderness), Kind C (mountainous), or other remote areas including urban or disaster areas that may be isolated or have lost their infrastructure.

1.3.1 Further training may be required before an LRT-Support Member can actually participate on a particular kind of rescue team, based on specific local need, regulations, or policies.

1.4 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

¹ This practice is under the jurisdiction of ASTM Committee F32 on Search and Rescue and is the direct responsibility of Subcommittee F32.03 on Personnel, Training and Education.

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2. Referenced Documents

2.1 ASTM Standards:²

F1490 Terminology Relating to Search and Rescue (Withdrawn 2011)³

F1591 Practice for Visual Signals Between Persons on the Ground and in Aircraft During Ground Emergencies

F1633 Guide for Techniques in Land Search

F1768 Guide for Using Whistle Signals During Rope Rescue Operations

F1993 Classification System of Human Search and Rescue Resources

F2209 Guide for Training of Level I Land Search Team Member

F2047 Practice for Workers' Compensation Coverage of Emergency Services Volunteers

2.2 Other Documents:

NWCG PMS 307 Work Capacity Test⁴

3. Terminology

3.1 For definitions of terms used in this guide, see Terminology F1490, Guide F1633, Classification F1993, Practice F2047, Guide F2209, and other references within this guide.

3.2 Definitions of Terms Specific to This Standard:

3.2.1 *rescue team, n*—a group of individuals rescuing on the surface of the earth.

3.2.2 *Support Level Land Rescue Team Member (LRT-Support Member), n*—a member of a rescue team who, as a minimum, meets the requirements of this guide. These requirements define the basic, entry, awareness, or similar term level of land rescue knowledge and skills.

4. Significance and Use

4.1 This guide establishes the minimum standard for training Land Rescue Team Members as it relates to their general,

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 The last approved version of this historical standard is referenced on www.astm.org.

⁴ Available from NWCG IRM-PMO, National Interagency Fire Center, 3833 S. Development Avenue, Boise, ID 83705, www.nwcg.gov.

field, and rescue-specific knowledge and skills. A person trained to this guide is a Support Level Land Rescue Team Member (LRT-Support Member).

4.2 Every person who is identified as an LRT-Support Member shall have met the requirements of this guide.

4.3 This guide is to be used by individuals and Agencies Having Jurisdiction (AHJ) that wish to identify the minimum training standards for LRT-Support Members.

4.4 This guide is only the first level of training for land rescue personnel and, in conjunction with Guide F2209, only establishes the minimum knowledge and skills required for a person to perform basic evacuation type rescue of a subject. No rope rescue or other advanced skills are included or implied.

4.4.1 Nothing in this guide precludes an AHJ from adding additional requirements for its own members.

4.5 Additional skill set-specific endorsements may be used in conjunction with this document to classify rescue personnel to more specific rescue disciplines.⁵

4.6 This guide by itself is not a training document. It is only an outline of the topics required for training or evaluating an LRT-Support Member, although it can be used to develop a training document or program.

4.7 It is up to the Authority Having Jurisdiction (AHJ) to determine the depth or detail of training to meet its needs.

4.8 This guide does not stand alone and must be used with the referenced documents to provide the specific information needed by a particular LRT-Support Member or AHJ.

4.9 Though this guide establishes the minimum standards, it does not imply that a (SLLRT) Member is a “trainee,” “probationary,” or other similar term member of an AHJ. It is up to the AHJ to determine the requirements and qualifications for member ratings.

4.10 Because technical rescue is inherently dangerous and Land Rescue Team Members are frequently required to perform rigorous activities in adverse conditions, regional and national safety standards shall be included in agency policies and procedures. Land Rescue Team Members shall complete all activities in the safest possible manner and shall follow national, federal, state, provincial, and local safety standards as they apply to the Land Rescue Team Member.

4.11 This guide can be used to evaluate a document to determine if its content meets the necessary topics for training an LRT-Support Member. Likewise, the guide can be used to evaluate an existing training program to see if it meets the requirements of this guide.

4.12 The knowledge and skills requirements presented in the following sections are not presented in any particular order and do not represent a training sequence.

4.13 Except where a physical skill needs to be shown, it is up to the AHJ to determine the best way to evaluate a person’s

⁵ It is the intent of Committee F32 to develop certain skill set-specific endorsements that will augment this document. The intent is to provide additional guidance for training to specific technical capabilities or disciplines found in rescue including rope rescue, swiftwater, etc.

knowledge. This may be by written exam, oral exam, demonstration, or by some combination of the three.

5. General Knowledge and Skills

5.1 General Requirements:

5.1.1 As a prerequisite, LRT-Support Member shall meet all requirements of Guide F2209.

5.2 Personal Requirements:

5.2.1 Personnel operating at this level should possess minimum physical fitness standards as required by NWCG PMS 307 or equivalent.

5.2.2 Medical requirements established by the AHJ.

5.2.3 Emergency medical care performance capabilities for entry-level personnel developed and validated by the AHJ.

5.2.4 Able to read, write, speak, and understand the language of the AHJ.

5.2.5 Minimum requirements for hazardous material incident and contact control training, validated by the AHJ.

5.3 Personal Equipment:

5.3.1 Along with personal equipment, as outlined in Guide F2209, additional rescue-specific personal equipment shall be specified by the AHJ.

5.3.2 Training in rescue-specific personal equipment should include selection and use of at least basic Personal Protective Equipment (PPE):

5.3.2.1 Helmet.

5.3.2.2 Gloves.

5.3.2.3 Harness.

5.3.2.4 Carabiners.

5.3.2.5 Personal safety lanyards.

5.3.3 Additional rescue-specific equipment necessary for an LRT-Support Member to safely participate on a rescue varies by type of rescue, team assignment, season, environment, and terrain.

5.3.4 An LRT-Support Member shall explain the reasons to carry, and explain or demonstrate the use of, all rescue-specific personal equipment required by the AHJ.

5.3.5 Personnel shall demonstrate ability to inspect PPE for the purpose of identifying wear, damage, and operational readiness.

5.3.6 LRT-Support Member shall demonstrate ability to appropriately clean and maintain equipment, including documentation in equipment logs and other record-keeping logs as appropriate.

5.4 Team Rescue Equipment:

5.4.1 LRT-Support Member shall be familiar with team rescue equipment identified and commonly used by the AHJ. Such equipment may include, but not be limited to:

5.4.1.1 Medical equipment.

5.4.1.2 Patient packaging equipment.

5.4.1.3 Technical rescue equipment.

5.4.1.4 Litters.

5.4.1.5 Transport vehicles.

5.4.1.6 Communications equipment.

5.4.2 An LRT-Support Member shall explain the reasons to carry, and explain or demonstrate the use of, all rescue equipment required by the AHJ.