



Standard Practice for Treestand Safety Devices¹

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1. Scope

1.1 This practice provides guidance for providing user safety devices on treestands.

1.2 The values stated are in inch-pound units and are to be regarded as the standard.

1.3 *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.*

2. Referenced Documents

2.1 *ASTM Standards:*²

F 2121 Practice for Treestand Labels

F 2123 Practice for Treestand Instructions

F 2337 Test Method for Treestand Fall Arrest System

3. Terminology

3.1 The terminology and definitions in the referenced documents are applicable to this practice.

3.2 *Definitions:*

3.2.1 *backbar*—the adjustable component of a climbing treestand or handclimber that engages the tree to provide support. The backbar may be rigid or flexible.

3.2.2 *climbing stick*—a device to assist climbing a tree primarily to a fixed position treestand. A structure that is secured to the tree and allows the user to support his weight and climb to the desired height on the tree.

3.2.3 *climbing treestand*—a treestand that provides both the means to ascend the tree, and allow the user to remain at a desired elevation.

3.2.4 *fall arrest system*—a system that is assembled for the purpose of arresting an accidental fall of its user. A FAS consists of a full body harness, lanyard, anchorage means, and connecting.

3.2.5 *full body harness*—a component with a design of straps that is fastened about the person in a manner so as to contain the torso and distribute the fall arrest forces over at least the upper thighs, pelvis, chest, and shoulders, with means for attaching it to other components or subsystems.

3.2.6 *handclimber, or climbing aid*—a device to assist climbing with a climbing treestand. A structure that allows the user to support his weight when lifting a climbing treestand with his legs.

3.2.7 *integral seat*—a treestand seat which is attached to the base (where the user stands) platform.

3.2.8 *ladder treestand*—a treestand that is secured to the tree at the elevation where the platform is located. (The ladder treestand may be secured to the tree at other locations and has steps that are used to reach the platform or hunting position.)

3.2.9 *non-climbing, fixed position or hang-on treestand*—a treestand that is secured to the tree at the elevation where it is used. (The user usually ascends the tree by some means and then lifts the treestand to the desired position and secures it for use.)

3.2.10 *platform*—the horizontal structural area of a treestand on which the user stands and/or places his feet.

3.2.11 *tripod or tower stand*—a tripod or tower stand is constructed to be self-supporting and is not required to be secured to a tree.

3.2.12 *two person treestand*—a ladder or hang-on treestand designed and marketed for use by two persons simultaneously.

4. Summary of Practice

4.1 This practice provides guidelines for the selection, availability and placement of user safety devices on treestands and climbing sticks particularly for quality assurance and adequacy of auxiliary safety including:

4.1.1 Use of instructions in anticipation of user error or misuse.

4.1.2 Availability of instructions in case of their loss.

4.1.3 User fall protection (fall arrest system).

4.1.4 Interconnects (two piece units).

4.1.5 Auxiliary security.

¹ This practice is under the jurisdiction of ASTM Committee F08 on Sports Equipment and Facilities and is the direct responsibility of Subcommittee F08.16 on Archery Products.

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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.