



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:*

F 2121 Practice for Treestand Labels²

F 2123 Practice for Treestand Instructions²

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 *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.

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

3.2.6 *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.)

3.2.7 *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.)

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

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

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 (safety belts or harnesses).

4.1.4 Inter-connects (two piece units).

4.1.5 Auxiliary security.

5. Significance and Use

5.1 This practice is provided to develop and maintain uniformity in practices for availability, use, and selection of safety devices on treestands and climbing sticks, particularly with regard to quality assurance and safety.

5.2 It is emphasized that the use of these practices will not alter the validity of data determined with specific tests, but provides guidance in the interpretation of test results (valid or invalid) and guidance in the selection of a reasonable general provision in those instances where no standard exists today.

6. Procedure

6.1 It is recommended that manufacturers follow the methods of safety provisions so described herein. When unusual or special conditions require auxiliary safety devices, means or methods not covered herein, the manufacturer shall be responsible for their development to assure adequate availability for the user.

6.2 *Selection of Safety Devices:*

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 *Annual Book of ASTM Standards*, Vol 15.07.