

# Instruction and Safety Manual

# **Sky Spy Aluminum Hang-On Stand** MODEL: PVHO-215

- Always Wear a Safety Harness with this Product
- Practice Using at Ground Level
- Weight Limit: 300 lbs.
- Tree Size: 9"-18" diameter



### **A** WARNING

#### SAFETY MUST BE YOUR FIRST PRIORITY WITH THIS PRODUCT

Every year serious injury or death can occur from hunting related accidents. To ensure your safety, please completely read and follow this safety manual and all warning labels before assembling, installing or utilizing this product.

Do not use this product before fully understanding all safety warnings and instructions. If you have questions, are unsure about any information or need additional information concerning your product, contact our customer service department at 1-866-972-6168 or visit www.Primaltreestands.Com. Keep and maintain this safety and instruction manual in a safe location for future reference.

Distributed by Primal Vantage Company Inc., 2407 W. Euclid Ave., Littleton, CO 80120



## **Treestand Safety Warnings**

Please read the following instruction manual and warnings labels completely before utilizing this product. Failure to understand and execute the instructions and warnings may result in serious injury or death. In the event of an accident, have a plan for rescue, including the use of devices that may be easily reached while suspended.

**ALWAYS** read and understand all warnings and instructions. Watch the enclosed DVD in it's entirety before doing anything with this product including assembly, installation etc. before each use of this product. Failure to read and understand all warnings and instructions and DVD material may result in serious injury or death. Contact a Customer Service Representative with any questions you may have.

**NEVER** exceed total weight limit of **300 lbs. DO NOT** use if your combined weight with all of your hunting gear and any accessories exceeds **300 lbs.** Use of tree stand over the weight limit may result in serious injury or death.

**DO NOT** use this tree stand while under the influence of alcohol, medication or any illegal substances. Use of tree stand while under the influence of any of these substances may result in serious injury or death.

**NEVER** use this treestand during inclement weather. **DO NOT** use tree stand during thunderstorms, snowstorms, hurricanes, tornadoes or any other weather conditions that include (but not limited to) lightning, icy conditions, or high winds that could create slippery or dangerous situations. End your hunt and return to the ground if inclement weather conditions arise.

**NEVER** use treestand If you are feeling ill, nauseous, dizzy or if you have a prior condition that could cause a problem. i.e., heart condition, joints that lock-up spinal fusions, etc., or if you are not well rested and alert. Physical ailments can reduce your ability to safely install, utilize, and remove your treestand. Please consult a physician prior to use.

**NEVER** use this tree stand if you have a history of health problems such as (but not limited to) heart problems, back problems, high blood pressure, impaired vision, equilibrium impairments, are afraid of heights, have been advised by a doctor or physician not to climb. If you are not physically fit, well rested, and alert, or if you have any other physical or mental condition that would impair your ability to properly use this treestand.

**NEVER** use this tree stand on a tree that is dead, leaning, diseased, loose barked or on a utility pole as the tree may fall, break, or uproot and may result in serious injury or death. **NEVER** rely on a branch for support.

**NEVER** jump or bounce on the treestand's platform or ladder sections to seat it to the tree. Instead, step firmly on the first rung of the bottom ladder section to set the ladder into the ground before proceeding to climb the ladder.

**NEVER** transport any of your equipment with yourself while ascending or descending the tree. You will need to have two hands free during ascending and descending for safety. Use a haul line to pull up your firearm (unloaded, chamber opened with safety lock engaged, barrel facing towards the ground), bows, arrows, knives or any other equipment to your tree stand once you have reached your desired hunting height. **ONLY** pull up hunting equipment after the tree stand has been secured to the tree and after you and your harness have been secured to the tree. Prior to descending, lower your equipment on the opposite side of the tree from which you are climbing. Make sure that the unloaded firearm's safety lock is engaged and the gun barrel is pointing towards the ground.

ALWAYS hunt with a plan and a buddy. Before you leave home, let others know your exact location, when you plan to return and who is with you.

**ALWAYS** carry emergency signal devices such as a cell phone, walkie-talkie, whistle, signal flare, PLD (personal location device) and flashlight with you at all times and within reach even while you are suspended in your harness. Watch for changing weather conditions. In the event of an accident, remain calm and seek help immediately.

**ALWAYS** inspect the tree stand and the **Fall Arrest System** (FAS) (Harness) for signs of wear or damage **BEFORE** each use. Also inspect to ensure that nuts and bolts are secure. Pay special attention to the harness and straps, guaranteeing that nothing has been frayed or severed. Destroy all products that cannot be repaired by the manufacturer. Contact a Customer Service Representative for replacement parts. The Fall Arrest System **MUST** be discarded and replaced after a fall has occurred.

#### DO NOT ATTACH YOUR FULL BODY HARNESS TO YOUR TREESTAND.

**NEVER** modify your treestand in any way by making repairs, replacing parts, or altering adding or attaching anything to it except if explicitly authorized in writing by the manufacturer. Improper installation or adjustment may cause serious injury or death. Remove all contents from box. Inspect for any damaged or missing parts. If any parts are missing or damaged, you must only use certified replacement parts. Using any other replacement parts will void product warranty. **THERE ARE NO EXTRA PARTS**. All parts **MUST** be used to ensure the safety of you and your stand. If you think parts are missing or damaged, **STOP IMMEDIATELY** and contact our Customer Service Department. Using the tree stand with missing or damaged parts may result in serious injury or death. **DO NOT** return this product to the retailer. Contact a Customer Service Representative if you have any missing, damaged or extra parts.

**ALWAYS** keep instructions (written and video) in a safe place and review before each use. It is the responsibility of the treestand owner to furnish the complete instructions to anyone who borrows or purchases the treestand from you. A safe treestand hunting video has been included. View it in it's entirety prior to using this product.

**NEVER** use this treestand for any use other than hunting. Our treestands are designed for hunters to wear a Full Body Harness. If you are not completely comfortable and confident with your ability to safely install, ascend, hunt and descend using a Full Body Safety Harness and this treestand, **DO NOT PROCEED.** 

NEVER use this treestand for trimming trees.

NEVER fall asleep in your stand as you may fall out resulting in serious injury or death.

ALWAYS be sure to re-tighten all bolts BEFORE each new use of treestand.

ALWAYS have a minimum of three people present when installing or removing this treestand.

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#### **Treestand Safety Warnings**

NEVER adjust your stand while in use. Practice the attachment of this treestand at ground level before using in a hunting environment. ALWAYS ensure that you and your treestand are safely secured to a healthy tree. Your tree stand MUST be attached tightly to the tree and secured in place. If the stand is not secure, it may shift while in use, resulting in serious injury or death.

The Installation Cross Straps and Truss Assembly System MUST be properly installed before each use of the treestand.

ALWAYS inspect every ladder section connection every time you use the stand before you leave the ground. If ladder sections are separating, with the help of at least two other people, lower the stand to the ground, make adjustments, and reinstall.

ALWAYS check the ground below the tree stand to make sure it is firm and level. Sloping ground or uneven terrain (one side of a rock or root) can cause your tree stand to tilt or shift.

ALWAYS maintain three points of contact when climbing the tree stand. (Two feet and one hand or one foot and two hands.)

ALWAYS lean forward as you climb and attach your harness to the tree before securing the platform to the tree and stepping onto the platform.

DO NOT leave your treestand outside since weather or animals may cause damage. Tree growth can also cause stress and damage straps and buckles. It must be stored inside, free of moisture, when not in use.

NEVER wear jewelry or loose fitting clothing, which can cause hazardous conditions. Clothing may be caught in your equipment and cause you to fall. You must always wear non-slip or rubber boots. Shoelaces must be tucked into your boots. Rings and necklaces MUST NOT be worn.

NEVER use this treestand with a second person. The treestand is designed for use by ONE person.

NEVER let children use this treestand without adult supervision. This treestand is not a toy. No one under the age of 18 should attempt to use this product without direct adult supervision.

**DO NOT** use tree stand if any nuts or bolts or parts are loose, bent, or crooked.

ALWAYS know your physical limitations. Don't take chances. If you start thinking about how high you are, don't go any higher. Instead, choose a minimum height that will allow for safe, effective and comfortable hunting.

ALWAYS lean forward towards the tree as you climb and attach your harness to the tree BEFORE securing the platform to the tree and stepping onto the platform. NEVER lean out from the treestand for any reason.

ALWAYS wear a Fall Arrest System (FAS) (Harness) consisting of a full body safety harness after leaving the ground. A Full Body Harness that meets the requirements of ASTM Test Method F2337 MUST always be connected to yourself and the tree during ascending, hunting and descending. Single safety belts and chest harnesses are no longer allowed and should NEVER be used. If you are not wearing a Full Body Harness properly attached to the tree, that is protecting you from a fall, DO NOT leave the ground. Failure to wear your Full Body Harness may result in serious injury or death. Be aware that falls can occur at anytime after leaving the ground.

ALWAYS read and understand the manufacturer's Warnings, expiration date (if applicable) and instructions on how to use and how to properly adjust the harness. Practice the use of a full body safety harness at ground level in the presence of a responsible adult to experience the feeling of hanging suspended before using in a hunting environment. Failure to follow harness instructions may result in not being able to return to the stand and being suspended in a harness after a fall, or serious injury or possibly death. If the hunting location is unknown by anyone and communication efforts are unsuccessful, you MUST have a personal plan for rescue/escape because prolonged suspension in a harness may be fatal. It is important to exercise the legs by pushing against the tree or doing other forms of continuous leg exercises to avoid blood pooling while being suspended. Hunters with varying degrees of physical fitness may require different plans to recover/escape the effects of prolonged suspension. Have a personal plan and practice it in the presence of a responsible adult before leaving the ground. No one escape/rescue plan will work for every hunter on every tree in every circumstance. Only you can determine the best recovery/escape plan for your situation before leaving the ground.

ALWAYS have a suspension relief device on your person and readily accessible while using a harness. These devices allow the user to relieve the load on the lower extremities if suspended in a harness and help maintain circulation in the legs, mitigate suspension trauma (blood pooling) or allow descent to the ground. Several optional products/systems are available that offer self-recovery or self-extraction from a fall when suspended in a harness. Some systems automatically descend the user while others allow user control. One of these products/systems can be considered for use as an additional safety precaution against prolonged suspension and suspension trauma, Be sure to follow the manufacturers' instructions on the safe use of these products/systems.

Hunt from the ground when self-recovery escape is absent. There is time to make a correct decision on what action to take if a fall occurs while wearing a full body harness. It is important to remember "DO NOT PANIC." Remain calm and implement your practiced rescue, relief and recovery plan.

NEVER allow the tether strap to get under your chin or around our neck. The length of the harness tether MUST be minimized at all times. It should be adjusted so that it is above the head with no slack (snug) in the sitting position and you should have the minimum amount of slack possible when climbing.

NEVER remove any safety warning stickers from this product.

Safety must be your first priority during the use of this product.



#### **Choosing A Safe Tree**

- <u>ALWAYS</u> thoroughly inspect the tree before installing your product. **DO NOT** install your **TREE/LADDER STAND** onto any dead or unsafe tree, telephone or utility pole, structural column, or man-made structure. Doing so may result in serious injury or death.
- <u>ALWAYS</u> select the proper tree for use with your **TREE/LADDER STAND**. Select a live straight tree that fits within size limits recommended (minimum tree diameter must be no less than 9 inches and maximum of 18 inches.). **DO NOT** rely on a branch for support.
- DO NOT select a tree in the dark or choose a tree in close proximity to a fence. You must not have any stumps or rocks beneath your tree.
- NEVER use TREE/LADDER STAND on a tree that is dead, diseased, leaning or on wet and uneven ground as the tree may fall, break or uproot.
- Your tree must not be wet, icy or slippery or on wet, swampy, or loose ground that allows the tree to be unstable. Check the ground under TREE/LADDER
   STAND to ensure it is firm and level.
- Be sure you have a level stand platform. Your tree must not lean or have any irregular shape.
- Tree must not have any loose or scaly bark or excessive vines, nails, screws, or any other sharp objects protruding that may sever webbing on product. Any surrounding trees must not lean or have dead limbs that may fall onto you or your product.
- <u>NEVER HURRY!!</u> HURRYING CAUSES ACCIDENTS!! While climbing a TREE/LADDER STAND, make slow, even movements no more than ten to twelve inches at a time. Make sure you have proper contact with tree and/or TREE/LADDER STAND every time you move. On ladder tree stand, <u>ALWAYS</u> maintain three points of contact with each step up the ladder and <u>ALWAYS</u> lean forward as you climb.

Several treestands are equipped with a footrest, armrests and/or shooting rail. Neither the footrest, armrests nor the shooting rail have been designed to support a user's weight. Under **NO** circumstances should you place more than fifteen (15) pounds of weight on these structures. Doing so will put the user in serious risk of injury or death.

#### **Proper Care And Maintenance:**

- Inspection for defects (damage, rot, corrosion, cracks, freezing, excessive heat, etc.) before every use is required. Do not use if damage is detected or suspected.
- We recommend replacing all hardware/cables/nuts/bolts/clips on your tree stand every two (2) years or sooner if inspection finds it necessary. Use only Primal Vantage approved replacement straps and parts. Use of any other straps or parts, will be viewed as a modification to the product. Any modification will void the warranties and relieve Primal Vantage from all liabilities. Failure to follow these instructions may result in serious injury or death
- DO NOT overtighten the hardware. DO NOT use a socket wrench. This can lead to structural damage and may negatively affect the performance of your stand. Failure to follow these instructions may result in serious injury or death.
- · All photos are taken from the front view unless otherwise noted.
- In most cases, bolts come with two nylon washers. One washer will be placed against the bolt head the other washer will be placed against the nut.





## **Sky Spy Aluminum Hang-On Stand**

**MODEL: PTHO-215** 

- Always Wear a Safety Harness with this Product
- Practice Using at Ground Level
- Weight Limit: 300 lbs.
- Tree Size: 9"-18" diameter

#### **PARTS LIST**

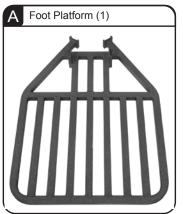
A	1	Foot Platform	Part # PFP-215
B	1	Seat Assembly	Part # PSP-215
[C]	1	Foot Rest	Part # PFR-215
D	1	Tree Brace	Part # PTB-215
E	2	Seat Cushion	Part # PSC-215

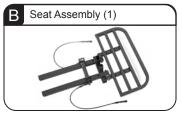
#### **HARDWARE BOX P/N 215H**

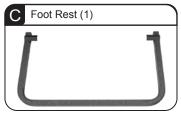
- G 2 Backpack Straps.....Part # PBS-215
- (57) 2 M8 x 55mm Bolts w/3 washers....Part # 1257
- (89) 2 M8 x 85mm Bolts w/4 washers....Part #?
- (70) 2 M8 x 70mm Bolts w/2 washers....Part # 1270
- 1 Harness.....Part # 2020

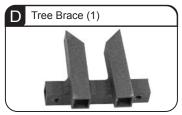












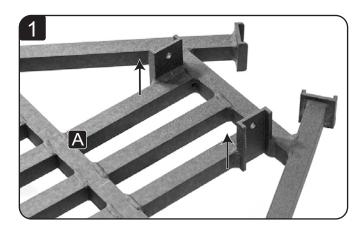






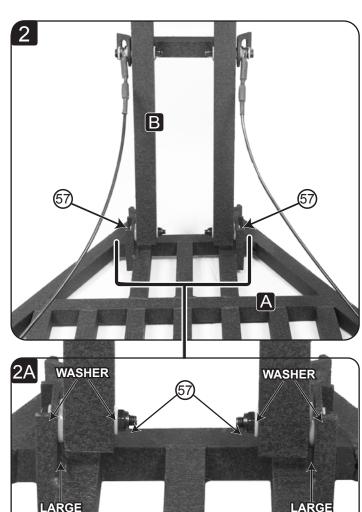


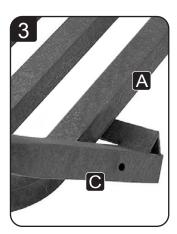




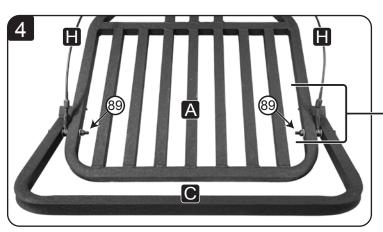
Lay Foot Platform A flat on the ground with Vertical Support tabs facing upwards.

Attach Seat Assembly **B** to Foot Platform **A** using **2-M8x55mm bolts with 3 washers 3** making sure the top cross bar of the support is facing forward. **2A NOTE**: Large washer should be positioned between the Seat Assembly **B** and Foot Platform **A** as shown in detail.





Lift front of Foot
Platform A and slid the
Foot Rest C under the
front of Foot Platform A

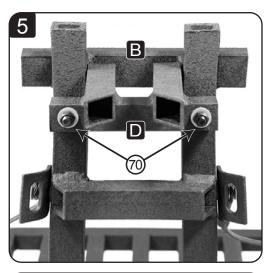


Insert 1-M8 x 85mm bolt (39) into the Foot Rest (62) from the outside and place a washer on bolt. Then slide one end of a Platform Assembly Cable onto bolt followed by another washer and then insert bolt through the Foot Platform (A2) as shown above. Repeat same steps for other side using the remaining M8 x 85mm bolt (89). See detail above.

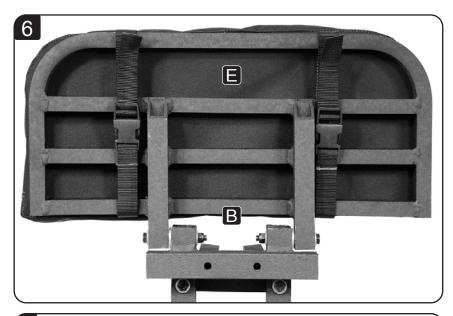


C

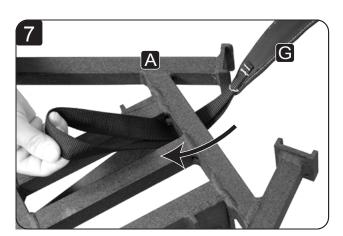
center washers here

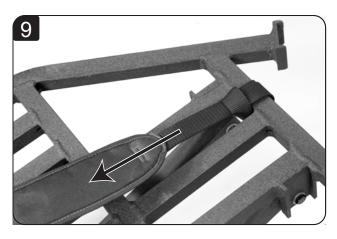


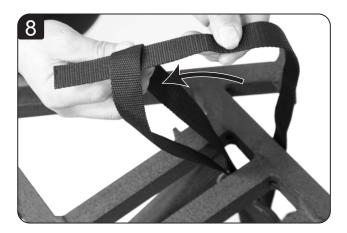
Attach Tree Brace to Vertical Support using 2-M8 x 70mm bolts 0.



Attach Seat Cushion **E** to the top of the Seat Platform with buckle straps.







- Flip stand over so the bottom of Foot Platform A is facing up. Insert loop end of Backpack Strap from the back of the stand through the platform from underneath the stand.
- Insert the straight end of Backpack Strap **G** into the loop end of Backpack Strap **G**.
- Pull straight end of Backpack Strap (and to tightly secure the Backpack Strap (and to the Foot Platform (and Repeat steps 7-9 for remaining Backpack Strap (and to tightly secure the Backpack Strap (











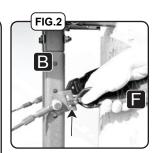


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Pull the straight end of the strap from the underside of the stand and around the front side of the Foot Platform. Lift the section of strap with the buckle up through the platform. Insert the straight end into the first slot of the buckle. Then insert into the second slot of the buckle. Pull strap tight. Repeat these steps for other strap. Adjust the buckles as needed for easy transport.

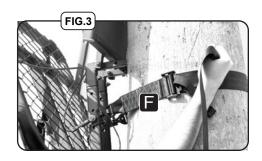


STEP 1: While wearing your safety harness, connect your climbing belt to the tree following manufacturer's instructions. Climb to the desired height using your climbing aid. Once you have reached the desired height, hoist your treestand into position.

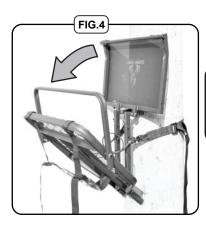


STEP 2: With the treestand in the folded position, wrap Tree Strap ☐ around the tree once and hook the other end into the tree strap Bracket. (See Fig.1 and Fig. 2.) Ensure that the strap is not twisted and is laying flat against the tree.

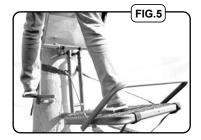
This should be done beneath where your climbing belt is attached to the tree so that your climbing belt is above the treestand.



STEP 3: Pull the excess of Tree Strap **(F)** to secure the stand to the tree, as shown in **Fig. 3**. The stand should be tight to the tree as shown in **Fig. 1**.



STEP 4: Unfold the stand by bringing the platform downward (See Fig.4). Pull seat platform downward and adjust seat.



STEP 5: When moving from your climbing aid to your Hang-On Tree Stand, step down from the aid to the stand as shown in Fig. 5.

NOTE: Always set up climbing aid so that you step down onto the platform of your stand.

Cautiously put your weight on the stand's platform. The additional weight will create tension on the tree attachment strap and cables

#### 🗥 W A R N I N G

DO NOT LIFT THE FOOT PLATFORM WHILE THE STAND IS IN USE. LIFTING THE FOOT PLATFORM COULD CAUSE YOUR STAND TO SHIFT, RESULTING IN SERIOUS INJURY OR DEATH. YOU MUST ALSO WEAR A SAFETY HARNESS AT ALL TIMES WHILE THE STAND IS IN USE, INCLUDING CLIMBING AND DESCENDING. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY OR DEATH.

**CAUTIOUSLY** put your weight on the stand's platform
The additional weight will create tension on the tree strap and cables



## 🛕 WARNING

Failure to follow all warnings listed below could result in serious injury or death.

<u>ALWAYS</u> read and understand all warnings and instructions before each use of this product. Failure to read and understand all warnings and instructions may result in serious injury or death.

<u>ALWAYS</u> inspect the tree stand for signs of wear or damage <u>BEFORE</u> each use. Also inspect to ensure that nuts and bolts are secure and straps are not frayed, worn, or broken.

NEVER exceed weight limit of 300 lbs. DO NOT use if your combined weight with all your hunting gear and any accessories exceeds 300 lbs. Use of tree stand over the weight limit may result in serious injury or death.

<u>ALWAYS</u> wear a Fall Arrest System (FAS) consisting of a full body harness with lineman's belt after leaving the ground. You **MUST** stay connected at all times after leaving the ground. If you are not wearing an FAS that meets ASTM standards, *DO NOT leave the ground*. Failure to wear an FAS may result in serious injury or death.

**DO NOT** use this tree stand while under the influence of alcohol, medication, or illegal substances. Use of tree stand while under the influence of any of these substances may result in serious injury or death.

**NEVER** use this tree stand if you have a history of health problems such as (but not limited to) heart problems, back problems, impaired vision, equilibrium impairments are afraid of heights or have been advised by a doctor not to do any strenuous activity. If you are feeling ill, nauseous, or dizzy **DO NOT** use this tree stand or If you are not physically fit, well rested and alert. Physical ailments can reduce your ability to safely install, utilize and remove your tree stand.

**NEVER** use this tree stand during inclement weather such as (but not limited to) thunderstorms, snowstorms, hurricanes, icy conditions, or high winds that could create slippery or dangerous situations.

**NEVER** use this tree stand on a dead, leaning, loose barked tree or on a utility pole as the tree may fall, break, or uproot and may result in serious injury or death.

**NEVER** leave the ground without checking every ladder section connection to ensure they are firmly connected. If ladder sections are separating, with the help of at least two other people, remove the tree stand from the tree, tighten all connections and reinstall on the tree.

NEVER step up to the platform. Climbing aids such as stick ladders, MUST extend above the platform of the hang-on to allow the user to step down on the platform. The Full Body Harness MUST always be attached to the tree even when stepping down into the tree stand.

**DO NOT** modify or alter your tree stand.

**NEVER** remove or deface warning labels.

Manufactured in the year 2020 Primal Vantage Company Inc. 2407 W. Euclid Ave., Littleton, CO 80120 1-866-972-6168

