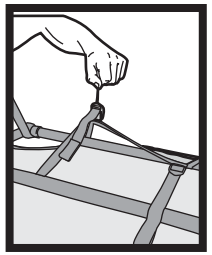
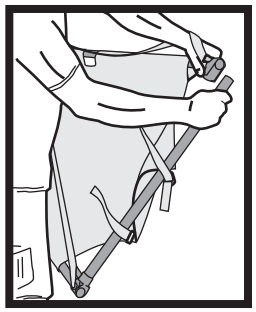
Takedown

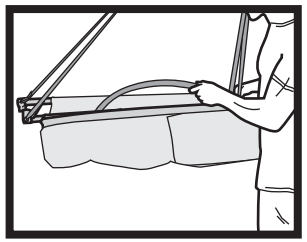
Proper takedown and packing is essential to facilitate a quick and easy setup. Practice the takedown and packing procedure on the ground and follow it rigidly on the wall. In the following illustrations, the climber has been shown without rigging for clarity.



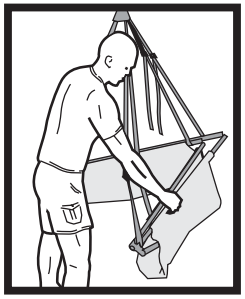
1. Release the bed tensioners. If this is difficult, you can yank up on the pull loops on the buckles. Loosen the tensioners all the way, but do not unthread them.



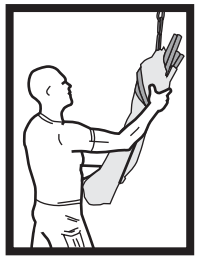
2. Pop the end poles out of the open end-fittings, pull them out of the shock-corded end-fittings, and fold them into the bed, parallel to the long poles.



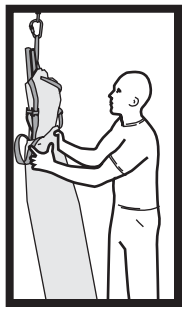
3. Remove the spreader bar and tuck it into the bed. Make sure to keep it to one side so it won't interfere with folding the ledge in half.



4. Pull the long poles apart and fold the ledge in half.



5. Roll the ledge upward in the riser straps, leaving the locking carabiner about a foot past the end of the roll.



6. Slide the ledge into its bag, leaving the locking carabiner at the top.

7. Clip the carabiner into both of the sack's haul loops, fasten the haul sack closure, and you're ready to haul.

Tip: Always roll the ledge up with the center joints toward the top. The center risers are shorter than the corner risers, so the ledge will pack better and deploy more easily if the center joints are at the top of the haul sack. Also, this protects the bungy cord where it is exposed at the center joints. If you pack your Bomb Shelter with these joints facing downward, the bungy cord is impacted forcefully against the pole openings each time you set the haul bag down.

Care and Maintenance

Inspect your ledge before and after every use. Return your ledge for repair if:

- Any tubing is cracked, bent or crushed
- Any corner fittings, tubing butts or collars have worked loose or become damaged
- Any buckles are broken or not functioning properly
- Any webbing, bungy cord or stitching is showing excessive wear
- The bed fabric is torn or punctured
- You doubt the integrity of your ledge for any reason

Try to keep all joints and fittings as clean as possible. Even a small amount of dirt in the joints will make it difficult to assemble. You can wash your ledge with water and mild soap. Dry your ledge completely before storing it for extended periods of time. Store it in a clean, dry place. Keep it away from heat sources and chemicals. Acids are exceptionally bad for nylon climbing equipment. Even fumes from a car battery can reduce the strength of nylon webbing by as much as 90%. If your Bomb Shelter comes into contact with any corrosive substances or solvents, retire it immediately.

Do not file, cut, grind, or otherwise modify your Bomb Shelter in any way.

If you have any doubt about the safety of your Bomb Shelter or any other Metolius gear, send it to us for inspection. Destroy retired gear to prevent any possibility of further use.

W A R N I N G

- This guide does not replace proper instruction by a qualified professional
- Failure to follow these warnings increases the risk of injury or death
- Climbing and mountaineering are inherently dangerous
- You are responsible for your own actions and decisions
- This product is designed for climbing and mountaineering use only
- Special knowledge and training are required to use this product
- Always stay clipped in directly to the primary structural anchor while on the Bomb Shelter.
- The master clip-in loop is the only anchor-strength clip-in point on the Bomb Shelter. Do not suspend the ledge from any other point. Do not clip yourself, your partner, or any other load into any other point on the Bomb Shelter.
- Never place your stove or any other heat or flame source in or near your Bomb Shelter.
- Don't overload the Bomb Shelter. It is rated for a maximum load of 250 lbs. (Single Bomb Shelter) or 450 lbs. (Double Bomb Shelter).
- Always know the maintenance and use history of your climbing and mountaineering equipment. The use of secondhand equipment is strongly discouraged.

If you do not completely understand any of the above or if you have questions, contact Metolius at (541) 382-7585 or info@metoliusclimbing.com.

Metolius Climbing
(541) 382-7585

metoliusclimbing.com
Made in USA

Bomb Shelter

Whether you're spending just one night or multiple weeks in the vertical world, you need to know that your home on the wall won't let you down. That's why the Metolius Bomb Shelter is designed to be the most bombproof portaledge available.

Features:

- Innovative spreader bar keeps the frame rigid and the bed tight.
- 1 1/8" aircraft-quality 6061-T6 tubing gives maximum strength and rigidity.
- CNC milled corner fittings provide high strength, light weight and easy set-up.
- Anodized poles and corner fittings keep the parts from galling and sticking for easy set-up, corrosion resistance and durability.
- All tubing ends and joints are double or triple-walled for maximum strength.
- The heavy-duty (960/1080d Montana Polyester) bed is doubled in the high-stress center section, and employs our super-tough Durathane™ haul bag fabric for wall-side abrasion guards.
- The custom, billet aluminum bed-tensioner buckles are virtually unbreakable.
- Color-coded webbing risers are doubled at the frame attachment for durability and employ cam lock buckles for super-smooth operation, even when weighted.
- The riser straps gather to a gusseted yoke to keep them free of tangles, and then attach to a free-floating, full-strength, master clip-in loop.
- Dual gear loops on the riser yoke provide convenient storage and organization.
- Includes Durathane™ haul sack

Bomb Shelter Single:

- Platform size: 2'6" x 7' (.76 M x 2.2 M)
- Portaledge weight: 11 lbs. 7 oz. (5.2 Kg)
- Haul Sack weight: 1 lb. 5 oz. (0.6 Kg)

Bomb Shelter Double:

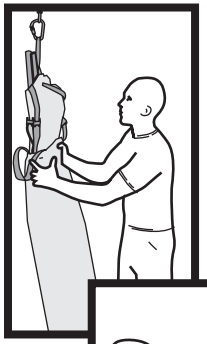
- Platform size: 3'9" x 7' (1.2 M x 2.2 M)
- Portaledge weight: 13 lbs. 12 oz. (6.2 Kg)
- Haul Sack weight: 1 lb. 5 oz. (0.6 Kg)

Rev. 2/04

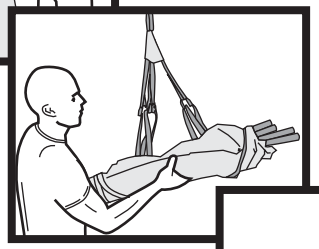
METOLIUS

Setup

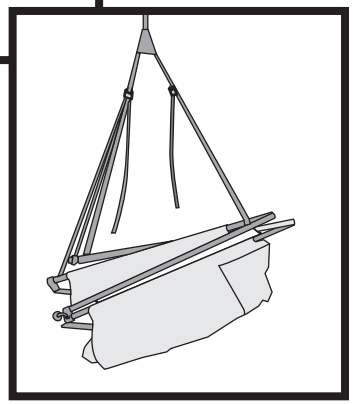
It is important to thoroughly familiarize yourself with the Bomb Shelter setup procedure before going up on a wall. Assemble the Bomb Shelter on the ground repeatedly until you're confident that you will be able to deploy it in a storm or in darkness. In the following illustrations, the climber has been shown without rigging for clarity.

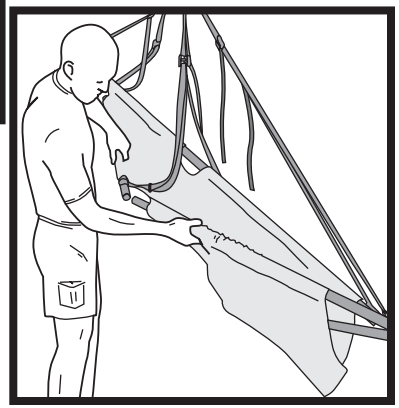


1. Unclip the haul sack loops from the locking carabiner and clip the Bomb Shelter into the anchor. Make sure the black riser straps are toward the wall and the colored risers are away from the wall.



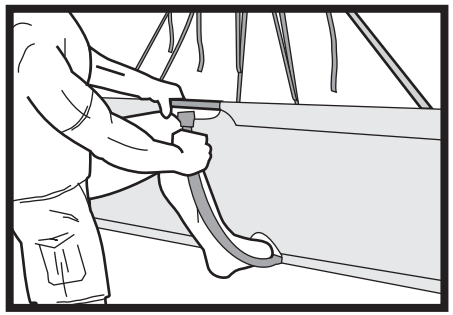
2. Pull the haul sack downward off the Bomb Shelter (making sure not to drop the sack), allowing the ledge to unroll and hang from the risers.



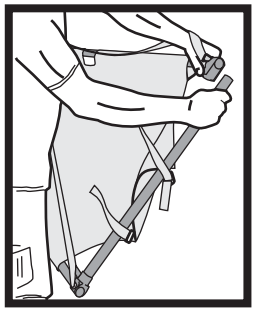


3. Unfold the ledge lengthwise and assemble the two long poles on either side. Verify that the abrasion guards are wall-side and the risers are free of tangles.

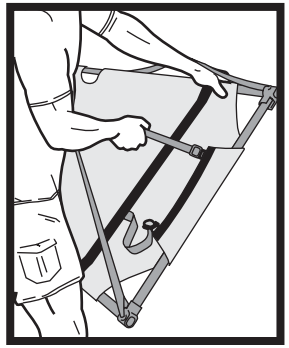
4. Position the spreader bar end-fitting on the wall-side pole. Note that the middle riser strap should be to one side of the junction in the poles (silver collar) and the spreader bar should attach on the other side. Pull the long poles away from each other (stretching the bed widthwise) and snap the other end of the spreader bar in place on the other long pole. Make sure the spreader bar is attached on the same side of the pole junction on both sides of the ledge. *It is essential to position the spreader bar before putting the end poles in place!* If you position the end poles first, the bed will be under too much tension to insert the spreader bar.



Tip: If you're having difficulty getting the spreader bar in place, make sure that the bed is straight and centered on the frame and not snagged or turned on the poles. If you're still having trouble, you can place your foot on the wall-side pole beside the spreader bar and pull on the other pole to stretch the bed enough to snap the spreader bar in place.

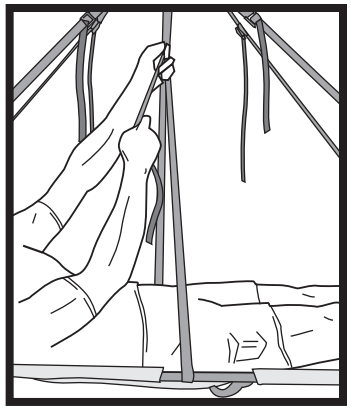


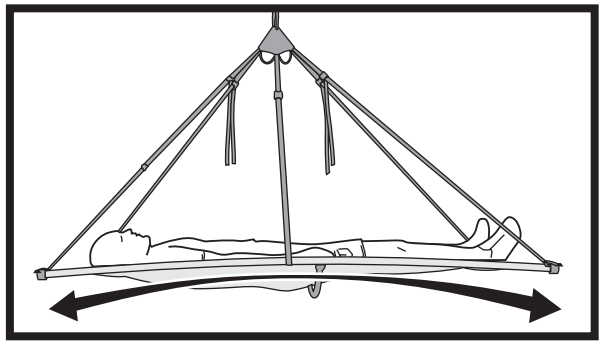
5. Once the spreader bar is in place, it will hold the frame together, allowing you to insert the end poles easily. Assemble the end poles by inserting the shock-corded end into its fitting first. Then stretch the bed (just as you did for the spreader bar) and snap the end pole into the other corner fitting. Snug the bed tensioners down on the first end but do not tighten them all the way. Once the other end pole is in place, you can tighten the bed tensioners evenly to get the bed taught and centered on the frame.



Tip: If the corner riser straps are twisted, spin the long pole attached to the twisted riser until it is untwisted. Make sure you route the riser strap correctly on the inside of the corner fitting when you're done.

6. Adjust the riser buckles so they are tensioned evenly and the ledge is level. The camlock buckles make riser adjustment easy even if the bed is weighted. Shortening the risers is a snap, but if you have to lengthen the risers while weighting the ledge, be sure to pull on the free end of the strap while releasing the buckle so you can control the amount of slack that feeds through and avoid shock loading the system.





Tip: Because most of your weight is concentrated in the middle of the ledge, the bed will be more comfortable if you shorten the center risers somewhat to introduce a slight upward bow in the long poles.

Hauling

Clip a locking carabiner through the master loop on the Bomb Shelter and through both haul loops of the Bomb Shelter haul sack. That way, the ledge will always be correctly oriented and ready to deploy, and if the haul sack should fail for any reason, you won't lose your ledge. Haul your Bomb Shelter from the clip-in points on the bottom of your main haul bag to protect it from abuse and make it less likely to hang up.