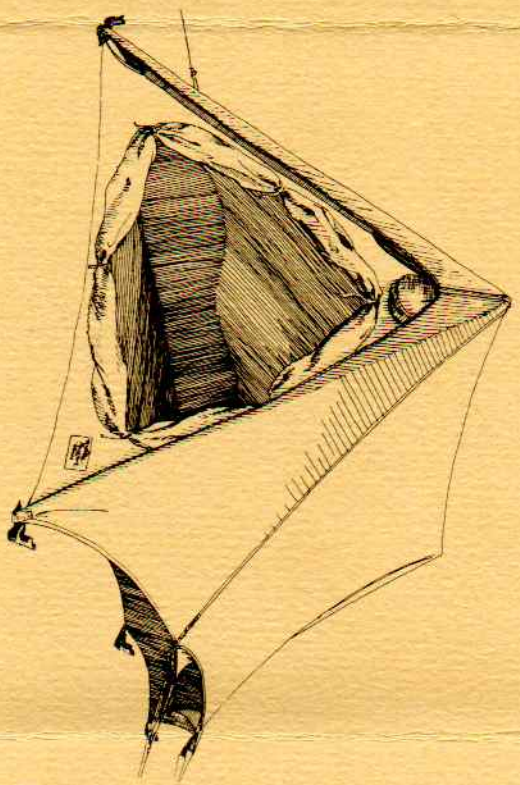


The Bombshelter

Hidden in the clean, graceful lines of the Bombshelter is a unique tensile integrity found in no other tent. This is accomplished through a number of features. The most obvious is the ridgepole. Surprisingly, holding up the center of the tent is only its minor function. Its major function is to hold the end poles rigidly apart. Without this feature ordinary double A-frame tents won't last long in gusts exceeding 55 mph. Wind on the side of the canopy pulls the A-frames toward each other and then releases, leading to the destruction of the tent. All of the Bombshelter's poles are angled toward each other in such a way that tension is constant and is evenly distributed. Two integral pullouts on each side add interior space and create an aerodynamic curve which efficiently spills wind. When anchoring the tent it is very important that these pullouts be securely staked. A vestibule with integral pullout adds thirteen inches to the length of the floor in the rear of the tent. The Bombshelter uses no front or rear guy lines.

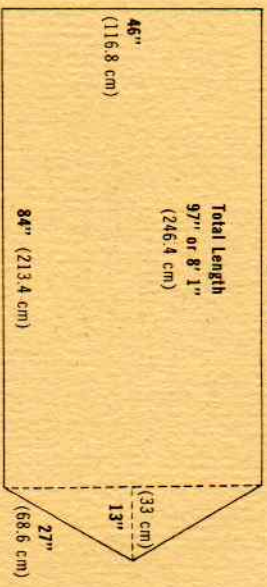
Fly

Although Jensen never designed a rainfly for the bombshelter, (most of his applications didn't require one), the tent's design features allowed us to create an innovative detachable fly. Its four corners attach by grommets to the bottom of each A-frame pole. The fit is so snug that the fly actually adds tensile strength to the tent, making the two a single unit so secure that only if the poles collapsed could the two become separated. Two pullouts on each side utilize the same stakes used by the tent, yet even without these pullouts the fly is held securely. Unlike other rainflies which allow a gentle breeze to blow rain onto uncoated parts of the tent, this fly will adequately shelter the canopy in windy rainstorms.

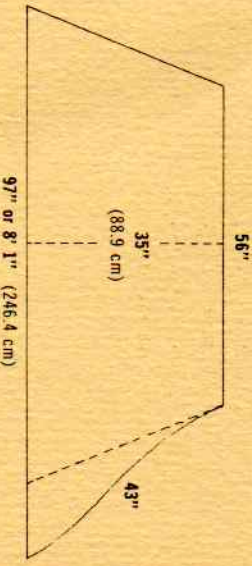


Bombshelter with Rainfly

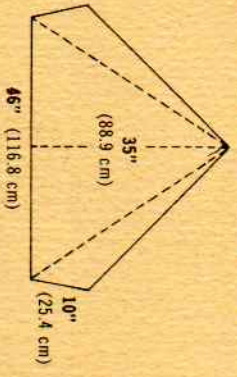
Floor Area



Side Cross Section



End Cross Section



Dimensions

The Bombshelter is smaller than many tents. Larger dimensions would significantly reduce its strength. It does, however, offer more room than the dimensions would indicate. Side pullouts create considerable space. Catenary lines are absorbed by the ridgepole, not by interior space. Therefore the roof has no sway. Interior space is also increased by using the long tunnel entrance for storage. These drawings represent interior space.

Features

The Bombshelter provides two vents, one at either end of the tent. Flow of air can be regulated or completely shut off. The entrance to the tent is closed by means of a long conventional tunnel. Its length allows boots or other gear to be stowed outside the floor area when the tunnel is closed, giving the tent more living space. In high winds the tunnel can easily be cinched up to create a tight, non-flapping wall. For protection in milder climates both vents are covered with mosquito netting, and the door is fitted with a second, shorter tunnel of netting also. Naturally ties are provided for each tunnel to be held open separately or together.

Guy lines for pullouts on the tent and rainfly are provided.

Stakes are not provided for the reason that each individual's particular applications or preferences will demand different types of stakes. Eleven stakes are used with the Bombshelter. If you're in a pinch, only five are necessary.

Poles

Poles for the Bombshelter are standard 5/8" diameter drawn aluminum tubing except for the ridgepole which requires the strength of 7/8" diameter thick wall tubing. These poles are beautifully finished and will survive the worst conditions. All are fitted with shock cord for ease of assembly and to prevent loss of the pieces.

Fabric

The Bombshelter is made of three fabrics. Its roof is 1.9 ounce uncoated ripstop. The floor, side panels, and end pieces are Temper-Koted nylon. The tunnel entrance, vents and rainfly use .75 ounce coated ripstop, incredibly light for its strength.

Construction

All pieces of fabric are hot cut for a sealed edge. Double needle lap fold construction is used everywhere possible in our tent, since it makes the strongest seams. Where double needle seams cannot be sewn, seams are stitched at least twice. Eight to ten stitches per inch of Quarpel treated dacron thread are found throughout. The universal choice of thread by tent makers is polyester with a cotton wrap. The cotton swells when wet to seal the needle holes. Unfortunately it also rots. We have found a better solution in Coats & Clark's new Quarpel treated polyester. This process makes an all synthetic thread swell to seal the holes better than cotton with greater strength. In anticipation of the worst possible weather nylon tape reinforcement runs from side pullouts nearly halfway up the tent. Tape is used at all pullouts and stress points.

Weight

Tent complete with stuffsac, fly, poles, & guys: 5 lbs. 1 oz.

Color

Price

Because of the cost of meticulous detail built into the Bombshelter, the price to dealers would make the tent prohibitive. Consequently the tent is available only through Rivendell. We offer the following options.

Complete tent: \$150.00

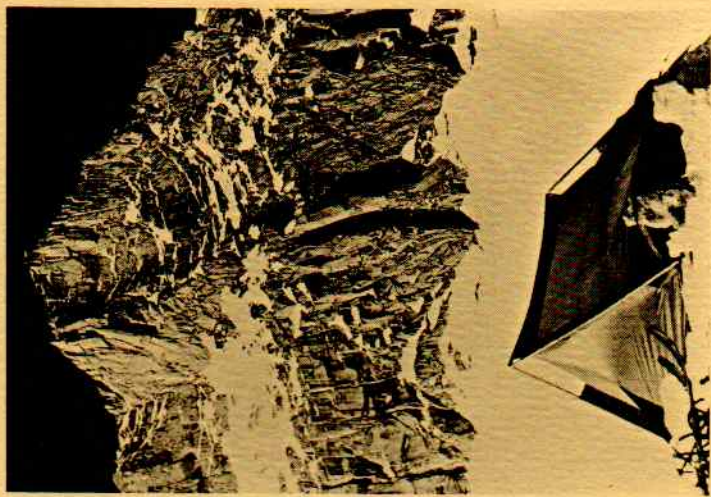
Cotton frostliner: Additional \$20.00

Snowflaps: Additional \$10.00

Zippered cookhole: Additional \$15.00

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The Bombshelter

Rivendell is proud to introduce the most technically advanced two man tent for people who require ultimate protection in exposed situations. Although the finished design is a product of Don Jensen's fertile mind, many of the basic principles were laid out by Chris Goetze in the early sixties. In these early stages Chris alternately refined the tents during winter weeks in town, and used them on weekends on the summit of New Hampshire's Mt. Washington. (Mt. Washington has produced the world's highest recorded winds..before the gauge blew away.) Not surprisingly Chris destroyed virtually every tent then known, and some highly regarded tents were shown to be disasters out of the showroom. Continual in-use development was the key, but it took a lot of experience in a lot of different mountains in a lot of different tents to accumulate the knowledge and technical expertise that is built into the Bombshelter.

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