Engineered to meet the needs for a high-quality, rapidly deployable shelter system, the MSS90 Series 8 can be erected without special equipment in tough field conditions.

It is designed to be:

**Airlift Capable**
Constructed with lightweight aluminum, utilizing short sections (no pieces exceed 8 feet in length). The entire Shelter – complete with lights, electrical and aircraft doors – fits in four-five 8’ x 9’ x 8’ ISU 90 containers.

**Expeditionary**
Designed so that 6 untrained workers can install the Shelter in less than 24 hours with standard tools and no special equipment.

**Rugged**
To endure extreme climate conditions, the MSS90 sustains 90 knot (103.5 mph) wind gusts, and will support a 20 psf snow load on the roof with its heavy duty 24-oz. Seaman Shelter-Rite™ tensioned fabric.

**Adaptable**
The MSS90 is built to configure to your project specifications. Modular units support variable lengths. Available in the standard width of 90’ – with multiple lengths to accommodate various aircraft, helicopters and vehicles. Flat gable and/or “Big Mouth Door” end options allow appropriate entry access. Insulation options are available as well as a version with NEC Class 1, Division 2-compliant (explosion-proof) electrical system for aircraft hangars.

**Versatile**
Since their introduction, MSS Shelters have been successfully deployed in missions in over 35 countries throughout the world, satisfying needs for aircraft hangars, vehicular maintenance facilities, warehouses, housing and recreation under multiple contracts to the U.S. Government. Versatile and competitively priced, the MSS90 series is the ideal solution to today’s first response needs for temporary shelters.

**Complete**
The Shelter comes standard with two personnel doors, all tools needed for installation, a complete electrical system, ventilation and a lighting package.
Consider The Universal Advantages:

SPECIFICATIONS

FABRIC
- 24-oz./yd² PVC-coated polyester scrim
- Available in either blackout or translucent

FRAME
- Standard width of 90'
- Available in any length by adding 14.5' modules

OPTIONS

DOORS
- Standard with two personnel doors (3’W x 7’H)
- Standard cargo door in gable end (15’W x 12’H)
- “Big Mouth Doors” (Full-Width Aircraft Door) are available on all MSS90 configurations
- Other types of personnel and cargo doors available upon request

ANCHORING
- Supplied with concrete anchors and anchor pins
- Screw anchors available as an option

INSULATION & ACOUSTIC LINERS
- Integrated, reflective foil insulation packages available

ELECTRICAL & LIGHTS
- Standard with light banks and power panel(s)
- Winch and power panel provided with big mouth ends
- Ventilator fans provided with all configurations

SOLAR PANELS
- Generate up to 2.2kW per building bay
- Supplied complete with power inverter
- Storage batteries are optional, but recommended
- Standard electrical package requires 11kW
  - i.e. 5-bay structure can be self-sustaining
- Solar panels can be removed from all fabric roof sheets

INSTALLATION
- Includes complete instruction and information manual
- Can be installed by 6 untrained workers in less than 24 hours
- No equipment required
- Installs in considerable less time when light equipment is available
- No foundations required