



## LIGHTWEIGHT MULTIPURPOSE SHELTER (LMS) | STEFD

### OVERVIEW:

The **Lightweight Multipurpose Shelter (LMS)** is a lightweight, transportable, electromagnetic interference (EMI) protected, HMMWV-mounted tactical rigid wall shelter. LMS is a an empty version of the Standardized Integrated Command Post System (SICPS) shelter, and is the shelter of choice for C4I systems. LMS is easily configurable for system integrators.

### DESCRIPTION:

The HMMWV-mounted LMS, S-788, is designed for use in housing all types of battlefield systems and is a Replacement for the S-250 communications-electronics shelter developed in the early 1960s. The LMS provides two types of mobile, EMI protected workspace, which is easily configurable to meet the requirements of the program system integrator. Each LMS type has a payload of 3300 lbs and utilizes the cube of the HMMWV to the maximum extent possible. The LMS is constructed from 1-1/4 inch thick panels consisting of aluminum skins that are bonded to a paper honeycomb core. These panels are bent into "U" shapes, and assembled into a box, giving the LMS its needed stiffness while minimizing the shelter's weight and number of seams. This paper honeycomb panel construction allow use of "potted inserts" as mounting points in the walls, ceiling and floor of the shelter. Potted inserts can be installed in virtually every section of honeycomb panel, giving the system integrator increased flexibility in configuring equipment and racks inside the LMS.

- **S-788/G Versions:** Type I – Basic Empty Shelter, NSN 5411-01-357-3582 ;  
Type III – Basic Empty Shelter w/Tunnel only, NSN 5411-01-357-3583
- **Dimensions:**  
Interior 8'-3.5"L x 6'-9.5"W x 5'-4.5"H,  
Exterior 8'-6"L x 7"W x 5'-7"H
- **Weight:**  
Type I, 608 lbs.;  
Type III, 643 lbs.
- **Payload:** 3300 lbs.
- **Construction:**  
Honeycomb Core
- **Prime Mover:**  
M1097/M1113 HMMWVs
- **EMI Protection:** 60 dB
- **LIN:** S01563



### ACQUISITION INFORMATION:

U.S. Army Soldier and Biological Chemical Command (SBCCOM) is the procuring agency for Army LMS shelters. To purchase LMS shelters, submit your requirements and fund cite to the SBCCOM item manager.

### POINT OF CONTACT:

#### STEFD Liaison

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