



S-280/G SHELTER | STEFD

DESCRIPTION:

The S-280 Electrical Equipment Shelter is a mobile tactical shelter designed for transport by truck, helicopter, rail, ship, M832 dolly set or military cargo aircraft such as a C-130, C-141 and C-5A. The S-280(C)/G Model's interior dimensions are 77" H×82"W×138"L. The payload for the S-280(C)/G has been upgraded from 5,000 lbs. To 7,100 lbs.; the tare weight is 1,400 lbs., equaling a gross weight of 8,500 lbs. A sling is provided for lift and tie down. The payload for the S-280 (B)/G is 5000 lbs.; the tare weight is 1,400 lbs, equaling a gross weight of 6,400 lbs. The panels are of a sandwich type construction, 2" thick with closed cell rigid polyurethane foam bonded between aluminum alloy skins. The panels contain structural members on 22" centers to which equipment can be mounted. The 37"×66" door at one end of the shelter comes with a 23"×28" quick release vent panel built into the door. Shelter includes 3 skids designed to absorb impact shock.

REMARKS:

The S-280 (B)/G Model is no longer in active procurement. The payload upgrade only affects the S-280-(C)/G Model which is a significantly stronger shelter due to the "hoop" internal beam layout and hot-bonding of the skins to the structural members. The shelter is capable of being electro magnetically shielded by the addition of a Modification Kit, RFI, MK-1079()/G, NSN 5410-00-937-5248 to provide at least 60 dB EMI attenuation in the frequency range from 0.15 MHz to 10,000 MHz. The procuring agency for the S-280 is the Aviation and Troop Command (ATCOM). Send your Data Interchange request and procurement funds to the material manager, Mr. Ken McGee, DSN 693-2685.

- **Specification:** MIL-S-55286E (CR)
- **Version/NSN:**
 - S-280(C)/G:
NSN 5411-01-092-0892
 - S-280(C)/G Shielded:
NSN 5411-01-304-3069
 - S-280 (B)/G:
NSN 5411-00-117-2868
 - S-280 (B)/G Shielded:
NSN 5411-00-001-4093
- **Unit Cost:** \$9,632
- **S-280(C)/G Dimensions:**
147"L × 87"W × 87" H; Weight 1,400 lbs.;
Payload 7,100 lbs.
- **S-280(B)/G Dimensions:**
147"L × 87" × 84"H; Weight 1,400 lbs;
Payload 5,000 lbs.



POINT OF CONTACT:

STEFD Liaison

COMM: (508) 233-4347, DSN: 256-4347

E-MAIL: nati-amsrd-nsc-ad-b@conus.army.mil

UNCLASSIFIED

REV 0 6-12-03 | OPSEC 06-134