

LARGE EMI / RFI AIRBEAM ENCLOSURE FOR SECURED EDI

APPLICATIONS

Field Military / Embassy Use
Secure/TEMPEST Communication
Radar jammer protection
Electromagnetic Allergy/Electrosmog
Pre-compliance Testing
EMI / RFI Shielding

WHY CHOOSE AN AIRFRAME SHELTER ?

Faster set-up and strike time
Less manpower req'd for set-up/strike
Lighter weight for easier transport
No parts or tools required



MADE BY

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STANDARD FEATURES:

- 2 Roll-up drive-through doors with magnetic seals (one at each end).
- 1 Side-entry man door with foyer (allows access while testing).
- 2 Shielded communications/power ports
- 2 Shielded ventilation ports with fans
- 2 Shielded ceiling exhaust ports with fans
- 1 Inflation blower
- 2 Shielded vehicle exhaust ports
- 1 Set of multiple LED light strings sized for the structure

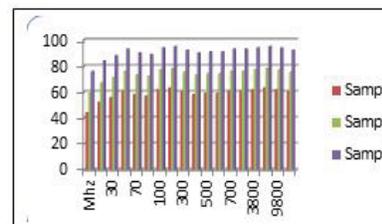
TESTED TO MEET AND EXCEED THE FOLLOWING MILITARY PERFORMANCE SPECIFICATIONS:

- ✓ RAIN: Able to withstand 2 inches per hour of free falling and blowing rain for 30 minutes without intrusion of water into the shelter.
- ✓ WIND: Able to withstand a steady wind of 55 mph with gusts up to 65 mph for 30 minutes.
- ✓ TEMPERATURE: Able to withstand temperatures of -40°F to 135°F
- ✓ DURABILITY: Able to withstand a minimum of 50 erect/strike cycles without structural damage.
- ✓ SNOWLOAD: Able to withstand 10 lbs/sq.ft. of snow load for 12 hours without damage
- ✓ BLACKOUT: Interior shelter lights not visible during ingress/egress within 100 meters with the naked eye, or within 300 meters with night vision goggles.

These structures, which can be the size of a warehouse or an aircraft hangar, combine AirBeam Technology with Electromagnetic Interference (EMI) and Radio Frequency Interference (RFI) shielding in excess of 90 dB. They can also include Chemical Biological Containment (CBC) if required. They are configured to rapidly deploy and provide a fast, uncomplicated, state-of-the-art shielded enclosure. Our enclosures are tested to meet the highest military standards of quality and endurance, with an outdoor life in excess of 10 years and dozens of set up and strike cycles. Many of these structures are currently in use in the harsh desert and high desert environments of Iraq and Afghanistan. They are treated to be fire-retardant and will remain inflated even after damage from small arms fire. They are built to be able to handle snow load and high winds, with proper anchoring. Snow-loading and wind resistance figures will vary depending on dimensions and can be updated at the time of a final quote.

EMI INTERNAL ENCLOSURE

- Ni Cu Ag Material
- 90+ dB, Materials are tested from 10MHz - 18GHz under Mil-STD 285
- Fire Retardant Interior White Wall



OPTIONS

- Additional Shielded Power & Signal Plates
- EMI Hardened Lights (Jameson)
- Additional Shielded ventilation
- Antimicrobial & EMI Available for Triage
- Available in all sizes upon request to meet customers' specifications
- Antenna mounting panels for EMI tolerance testing
- Many other options available

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