



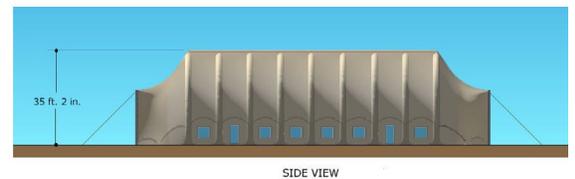
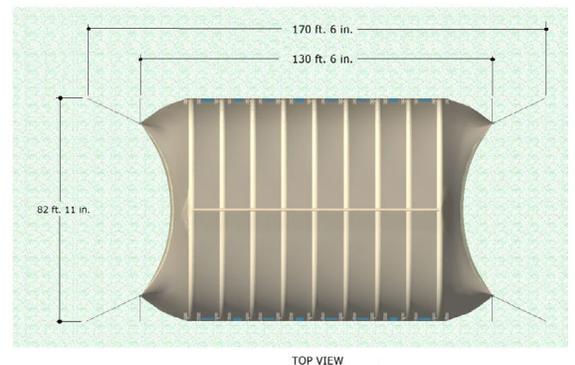
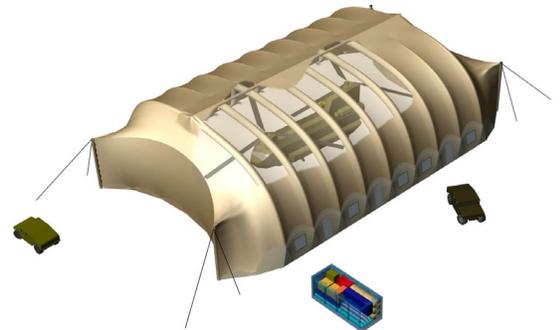
AVIATION INFLATABLE MAINTENANCE SHELTER (AIMS) | STEFD

AIMS is an air-transportable, rapid-deployment military shelter system. AIMS is the first large-scale prototype shelter to demonstrate advanced airbeam technology. The benefits of airbeams in this application include light weight and rapid setup.

AIMS is large enough for maintenance operations on one CH-47 helicopter or multiple smaller helicopters. For the USAF, the shelter is large enough for two F-22s, two F-15s, four F-16s or JSF aircraft.

SPECIFICATIONS:

- Overall height: 35 ft. 2 in.
- Clear interior height: 31 ft. 6 in.
- Overall length: 170 ft. 6 in.
- Clear interior length: 105 ft. 9 in.
- Overall width: 82 ft. 11 in.
- Clear interior width: 77 ft. 11 in.
- Clear floor area: 9,365 sq. ft.
- Aircraft door opening:
 - Height: 20 ft. 0 in. at center
 - Width: 62 ft. 11 in.
- Number of airbeams: 9
- Airbeam diameter: 30 in.
- Airbeam working pressure: 80 psi
- Design wind speed: 90 mph, gust 110 mph
- Design snow load: 20 lbs./sq. ft.
- Fabric:
 - Vinyl coated Polyester
 - Flame resistant
 - Black-out
- Weight:
 - Shelter Deployed: 17,000 lbs.
 - Tools and Accessories: 1,500 lbs.
- Transport Packaging:
 - ISO containers house the shelter, compressor, and anchoring tools. Additional volume is available for environmental control units, etc.



POINT OF CONTACT:

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