



# CUSTOM ENGINEERED FIBERGLASS SHELTERS

## FOR FAA AND AVIATION

Shelter Works' fiberglass shelters are the perfect solution for protecting your critical airfield equipment. Our shelters, are custom engineered and manufactured to meet airfield visibility and frangibility requirements. Our low maintenance fiberglass shelters offer equipment protection that is well insulated, weather-tight, durable, and secure.



## APPLICATIONS INCLUDE

- Approach Lighting Systems (ALS)
- BAK-12
- Centerline Equipment
- Collision Avoidance Systems
- Power UPS and Backup Systems
- Glide Slope Equipment
- NAVAIDS (ILS, VOR, DME)
- Radar Systems
- Remote Communications

## ADVANTAGES

- ✓ Performs In Any Environment
- ✓ RF Transparent
- ✓ Energy Efficient
- ✓ Corrosion Resistant
- ✓ UV Resistant
- ✓ Lightweight
- ✓ Customizable
- ✓ Easy To Install
- ✓ Maintenance Free
- ✓ 50+ Year Lifespan
- ✓ 25-Year Warranty



Shelter Works  
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**BUILT  
FOR LIFE**



Shelter Works fiberglass (FRP) field equipment shelters withstand extreme temperatures and weather while resisting damage from chemicals, water, wind, and UV rays. They are strong yet light weight and maintain their structural integrity and appearance with minimal maintenance. Shelter Works fiberglass enclosures are designed and manufactured for strength, durability and a 50+ year service life.

## WHY SHELTER WORKS

 **NON-CONDUCTIVE** - Fiberglass construction is non-conductive, offering several benefits for airfield and aviation applications.

**RF Transparency** - Fiberglass can be engineered for improved RF transparency, helping reduce attenuation and interference risks associated with some traditional building materials. This is important for ILS, VOR, DME and other sensitive communications equipment.

**Energy Efficient** - Low thermal conductivity combined with scalable insulation helps maintain stable interior environments and improves HVAC efficiency. This protects batteries, power supplies, and network hardware from damaging temperature swings.

**Electrical Safety** - A standard Shelter Works fiberglass assembly has no continuous metal pathways, so the enclosure shell acts as an electrical insulator. This can simplify installation and reduce grounding complexity (while still allowing proper equipment grounding as required by code).

 **CUSTOMIZABLE** - Our FRP enclosures can be easily customized to accommodate existing infrastructure, and adhere to airfield visibility requirements.

 **CORROSION RESISTANT** - FRP does not rust or rot, and it resists degradation caused by deicing chemicals, humidity, salt fog, standing water, and other harsh environmental conditions.

 **LOW MAINTENANCE** - FRP shelters do not require routine painting, rust mitigation, or corrosion inhibitor applications that can interfere with field operations and add to lifecycle maintenance costs.

 **LONG SERVICE LIFE** - Shelter Works fiberglass enclosures are engineered and manufactured for longevity with a 50+ year service life.

