



We specialise in the design, manufacture and construction of tensile fabric structures for aviation applications.

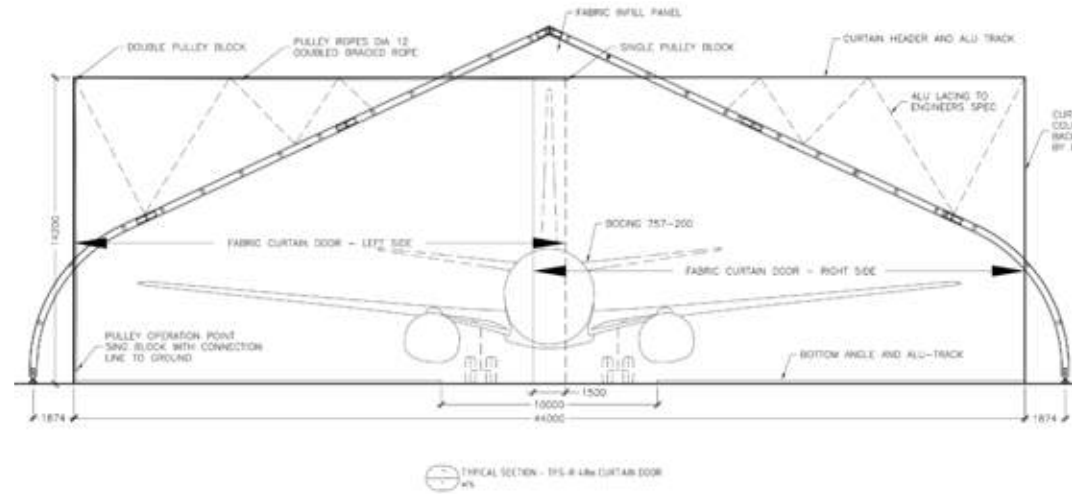
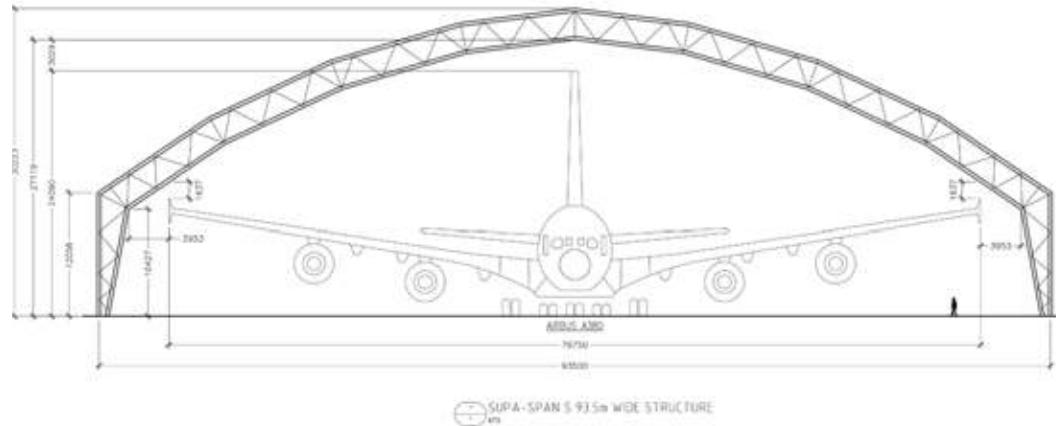
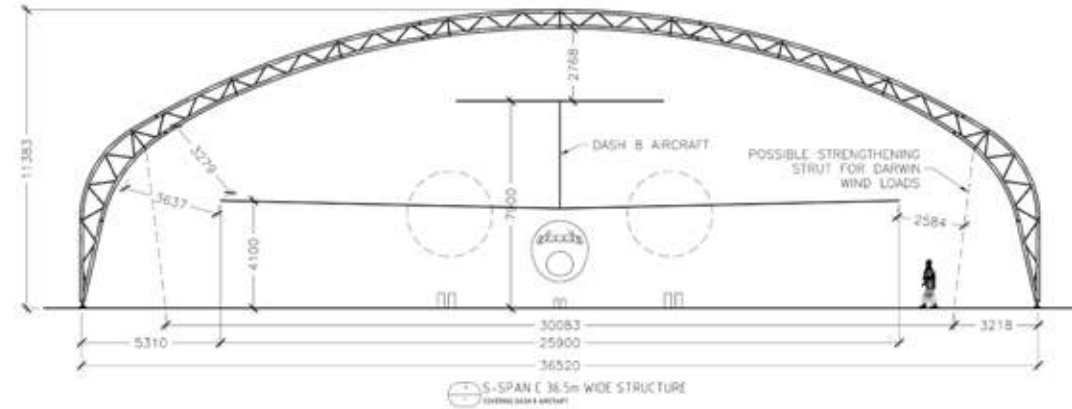
Global Fabric Structures have a diverse range of aviation clients, including commercial airlines, private operators and government and military departments.

GFS structures include permanent large span hangars, relocatable or temporary hangars and rapidly deployed structures for the Aviation Industry.

Our hangars can be rapidly installed and relocated, offering lower installation costs and feature simple footing designs and lightweight fabrics which saves on material costs.

The use of translucent tensile fabrics allows natural diffused daylighting and reduced operating costs.

The GFS range of tensile fabric structures provides clear span coverage from 16 m up to 100 metres. All structures are constructed modularly on 3 to 6 m wide bays for any length.





DESIGN FEATURES

COMPLETELY RELOCATABLE

GFS structures are easily dismantled and transportable, making them viable solutions for resale or reuse for the same or alternative applications.

RAPID INSTALLATION

GFS hangars are made using prefabricated modular frames and fabric systems that are designed for rapid, low cost installation.

ENGINEERED STRUCTURAL FRAME

The GFS structural framing system is engineered to site-specific conditions and provides the best corrosion protection system available.

LONG-LASTING FIRE RATED FABRICS

GFS Industrial Fabric Structures utilise high strength, fire retardant fabrics from approved suppliers with lifespans from 10-40 years, supported by manufacturers warranties.

STRUCTURAL LONGEVITY

The combination of high quality, corrosion resistant, high strength structural frames with coated membranes ensure maximum structural longevity.

Our unique combination of quality, high strength, corrosion resistant framing with premium coated fabrics ensures maximum structural longevity.

LONG-LASTING FIRE RATED FABRICS

GFS hangars utilise high strength, coated architectural fabrics from industry leading suppliers. These fabrics are supported by manufacturer's warranties and have life-spans of 10-40 years.

FOUNDATION SYSTEMS

The lightweight properties of GFS aircraft hangars results in minimal foundation requirements and allows for installation on difficult sites. Subject to engineering reviews, we are also able to attach to existing hard stands and aprons.

TRANSLUCENT MEMBRANES

Translucent fabric cladding provides a natural ambience and a well-lit, energy efficient, interior resulting in reduced daytime operating costs.

Combinations of blackout and translucent configurations are also available, allowing the creation of skylight effects.

INTERNAL ENVIRONMENTAL CONTROL

Environmental control using ventilation systems, liners or insulating materials if required.

HARD WALLING SYSTEMS

Lightweight hard walling systems such as Colorbond Steel and Bondor Panels, or pre-cast concrete can be incorporated for added security.

LIGHTING AND ACCESSORY OPTIONS

Accessory options include indirect or direct lighting systems, specialty fabrics, hangar doors, PA doors, natural or mechanical ventilation systems, electrical, HVAC, fire safety and ventilation systems. Hangar doors are available ranging from sliding fabric curtains to mega-door systems.

COST EFFECTIVE AND VERSATILE

Advantages of selected a fabric membrane structure over conventional 'tin-shed' structures include reduced installation, operating and material costs as well as higher resale value and the option to recycle, reuse or relocate the structure at the end of a project.



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