



A Faster  
Way to Build

# MARSHALL AEROSPACE

AIRCRAFT HANGAR





## About The Project

Approaching 80 years in aircraft engineering, Marshall Aerospace is one of Europe's leading privately-owned aerospace companies.

Marshall Aerospace needed to add additional hanger space however at the same time needed to reduce capital expenditures and lower operating costs.

Rather than build a conventional hanger, Marshalls Aerospace decided it needed a new approach. A design that could provide greater operational flexibility. The new hanger needed to be relocatable, energy efficient, rapidly built, and modular in design so that it could be reconfigured in the future.

After carefully considering a number of building alternatives, Marshall Aerospace selected Sprung Structures to supply a 40m x 60m (130' x 200') insulated structure complete with Dupont Tedlar Dawn Gray and Regal Blue architectural membrane and a state of the art Megadoor system.

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Operating in a highly regulated industry Marshall Aerospace is one of Europe's leading privately owned aerospace companies. We deliver world-class services through our 1,800 highly trained personnel and an exceptional range of facilities housed in 1.2 million sq ft of hangar space.

When deciding to build new facilities we set very high expectations and carried out an extensive market search to find the ideal supplier.

Sprung was the only supplier to tick all the boxes and they delivered everything they promised - a superb hangar, built on time and on budget with all of the benefits expected”

– Marshall Aerospace



LINKS

<https://youtu.be/Nqd1LyFNxww>

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## The Sprung Difference

### ► SPRUNG CARES

Our teams work in some of the most vulnerable environments and harshest conditions. At Sprung, we are deeply committed to positively impacting the communities we serve, and applying our innovative ideas to help solve complex problems.

### ► UNMATCHED REPUTATION

Invest in the world's most reliable, versatile and technically advanced structures: Sprung has erected 12,000 structures in more than 100 countries.

### ► ENGINEERED FOR EXTREME CLIMATES

Sprung structures are engineered to withstand extreme weather conditions.

### ► IMMEDIATE DELIVERY FROM INVENTORY

Complete projects in a much shorter time frame than conventional construction.

### ► CUSTOMIZABLE

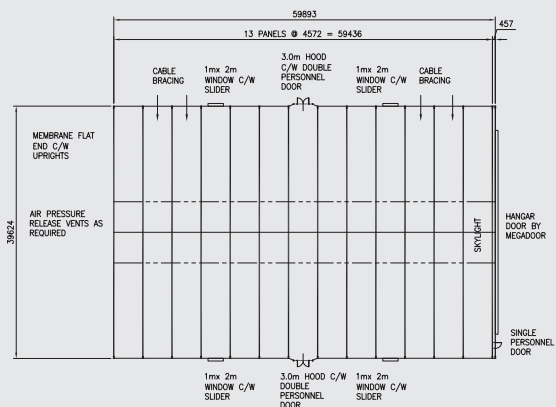
Customizations include performance insulation packages for superior indoor climate control, peak integrated daylight panels, doors and entryways for every application, and countless accessories.

### ► LIMITED FOUNDATION REQUIREMENTS

Save on foundation costs where appropriate soil conditions exist. Concrete foundations are not required for Sprung structures up to 160 ft. in width, saving time and cost for installation.

### ► COST-EFFECTIVE, COMPACT SHIPPING

Enjoy the convenience and cost savings of shipping up to 15,000 sq. ft. in a single, standard ISO container or flat bed truck.



This project had one critical driver – certainty – would it be delivered on time, on budget and as expected – and it was. What amazed us was the speed of construction, quality of finish and the lack of problems during the build. As an aviation business we know good engineering when we see it and it is clear to us the Sprung product is based on world-class engineering and intelligent design. All of that cleverness is then supported by Sprung’s Delivery Partners in the UK, Freespan, whose project management was surefooted and confident. It is unusual to see a construction project delivered with no problems but Freespan made sure that we, as the client, did not have to worry about anything.”

– Allan McGreal  
Marshall Aerospace





## Sprung for Commercial Airports

Sprung knows that airports are in a constant state of expansion and renovation. Our clear-span structures offer abundant unobstructed space, require minimal foundations, and can be used for virtually any airport building application. When aligning with Sprung, we help you focus on core business while we provide:

- Fast delivery of building materials
- Rapid and straightforward construction
- Versatility - Sprung structures can be dismantled and reconfigured for multi-use applications
- Design flexibility
- Performance and durability second to none
- Lower transport and overall costs than traditional builds

Super-adaptable Sprung Structures are engineered to withstand the planet's harshest conditions. Our buildings provide the outstanding durability and functional versatility that airports require for multi-purpose applications. When speed of delivery and construction is essential, Sprung Structures provide the ideal solution.



## About Sprung

Sprung meets rapid-response building needs in a wide range of leading businesses and organizations including the global armed forces, the natural resources industry, manufacturing, commercial gaming, education, disaster recovery, healthcare, aviation as well as sports and recreation. Sprung has designed and patented tensioned membrane technology that outperforms other building alternatives and offers a faster, better build. Year after year, we continue to engineer the most innovative, versatile and reliable building solutions.

**Sprung has designed and patented tensioned membrane technology that outperforms other building alternatives and offers a faster, better build.**

You can trust us to design and manufacture your facility with speed and quality that will exceed your expectations. Our clients demand it; our history proves it. In business since 1887, Sprung has completed over 12,000 structures in more than 100 countries.



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