

# Aviation & Aerospace



SpaceX, Boca Chica, Texas



Hangars



High peak height



Manufacturing



Administration



Climate controlled



Research &amp; Development



Sprung's tensioned-membrane structures deliver cost-efficiency, rapid installation and clear-span interiors that maximize flexibility and performance. Durable, expandable and relocatable, our buildings redefine what's possible in aerospace structure design.

North America toll free:

**1.800.528.9899**

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**1.801.280.1555**

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**1.403.601.2292**

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# Aviation & Aerospace

Build Faster

Engineered & Manufactured by Sprung Structures



**Marshall Aerospace**  
Cambridge Airport, England  
130' wide x 200' long

As one of Europe's leading, privately owned aerospace companies, Marshall Aerospace provides routine maintenance, modifications and repairs to Hercules C-180 transport aircraft. When Marshall needed to expand its hangar space at Cambridge Airport, the company turned to Sprung for an innovative and cost-effective solution. Rather than build a conventional hangar, leaders at Marshall wanted something that offered greater operational flexibility: the new hangar had to be relocatable, energy efficient, rapidly built, and modular in design so that it could be reconfigured in the future.

Sprung provided a fully insulated, 26,000-square-foot hangar complete with a state-of-the-art Megadoor system, HVAC and an attractive Dupont Tedlar Dawn Gray and Regal Blue architectural membrane. Delivered on time and on budget, the structure was erected in just eight weeks.

**Blue Origin**  
Kent, Washington  
225,000-square-foot structure

With a creative and talented workforce that grew from 750 to nearly 3,000 in less than three years, Blue Origin needed more space—quickly. The company wanted to build a sustainable, high-tech facility to serve as its headquarters and R&D space. The resulting 225,000-square-foot Sprung structure was built and move-in ready in only 11 months.

Completed on time and on budget, the stunning structure features ample office space, as well as a garden, fitness facilities, an auditorium and diverse areas where employees can relax, collaborate and socialize.

*"This is a very sustainable building with better insulation and better energy consumption than a traditional building. And it all came together very quickly."*

Bob Smith, Blue Origin CEO

**SpaceX**  
Boca Chica, Texas  
Two - 150' wide x 375' long  
One - 150' wide x 345' long  
One - 120' wide x 412.6' long

Founded in 2002, SpaceX is a global leader in the design, manufacture and launching of advanced rockets and spacecraft. The company's mission is to revolutionize space technology, with the ultimate goal of enabling people to live on other planets. When SpaceX urgently required additional assembly and testing space for its rockets and capsules, the company turned to Sprung to design and engineer three highly durable structures for its site in Boca Chica, Texas.

Within a few weeks of receiving the order, Sprung delivered all three structures and developed a unique anchoring system to accommodate the additional height clearance needed for its Falcon 9 project. Sprung also provided a customized door large enough to handle manufactured rockets.



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