

## Museums

Build Faster

Engineered & Manufactured by Sprung Instant Structures



**First Flight** The Wright Brothers National Memorial Kitty Hawk, North Carolina 70' wide x 114' long - exhibit hall 70' wide x 142' long - hangar 30' wide x 63' + connecting corridors

First Flight Foundation, project was built with wind loads of 130 mph, Exposure C. and a snow factor of 10 psf.

Located on the Outer Banks of North Carolina, the First Flight Centennial Foundation and the National Parks Service designed and built this museum to celebrate Wilbur and Orville Wright's historical flight over 100 years ago. The memorial includes an 11,000 sq. ft. auditorium with seating for 1,000 and an 8,000 sq. ft exhibition hall, which features a hangar door at one end that allows vintage aircraft to be brought into the hall for display.

## Getty Museum Cave Temples of Dunhuang Exhibit Los Angeles, California 40' wide x 90' long

A fully insulated Sprung structure was erected on the Getty's tram arrival plaza. The structure was used to house three full-scale replica cave temples of the Mogao Grottoes, a Buddhist religious site situated a short distance from the city of Dunhuang in northwestern China.

The "Cave Temples of Dunhuang Exhibit: Buddhist Art on China's Silk Road" was a temporary four month exhibit, May 7 to September 4, 2016. Displaying China's greatest supply of Buddhist wall paintings and sculptures. Because the Getty could not bring the actual cave temples to Los Angeles, three full-size replica caves had been created by the artists from the Dunhuang Academy's Fine Art Institute. On the exterior of the Sprung structure large foil murals were applied. Ballast weights were used to hold the structure down without destroying the plaza's travertine tiles.

Cold War Exhibit The Military Museums Calgary, Alberta 50' wide x 80' long 50' wide x 100' long

The Military Museums were looking for exhibit space for their Cold War Exhibit, marking the 40 year Cold War in which Canadian airmen roamed the skies. The exhibit space needed to accommodate a CF-18 Hornet, a CF-104 Starfighter and an F-86 Sabre aircraft.

"Our Museum needed to expand in order to facilitate the addition of a CF-18 Hornet, a CF-104 Starfighter and an F-86 Sabre to begin creating our Cold War Exhibit. The bricks and mortar plan was too costly and too small. We turned to Sprung Structures for an alternative. We now have a new wing to our museum that is twice as large and at half the price. Visitors from around the world marvel at the overall impact of the structures, the aircraft and displays. Thank you Sprung for helping our vision come true years earlier than we would have dreamed!"

> Don Matthews, Chairman, Air Force Museum Society of Alberta





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