

# Goodyear's Inflatable Hangar

Home to Goodyear Blimp *Wingfoot Two* | Carson, California

**Building type:** Air Cell Structure - an inflatable building requiring no framework; it is self-supported by air-filled segments of specially engineered material designed to provide structural integrity

**Material:** main body - PVC-coated polyester; eyelid door - PU-coated Vectran

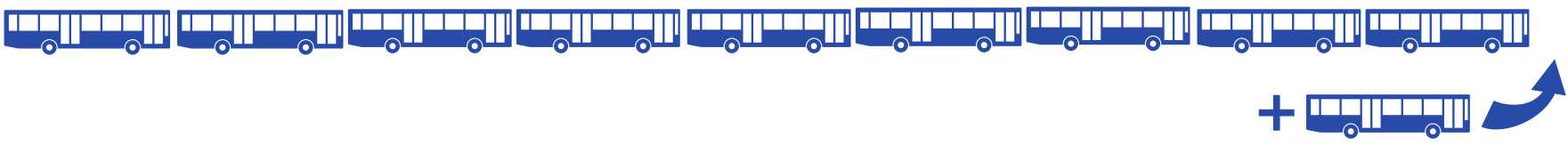
**Inflation method:** 20 pressure-monitoring fans and a system of hoses connected to the hangar structure

**Anchoring device:** 50 concrete K-rails weighing four tons each secured along the inside perimeter of the hangar



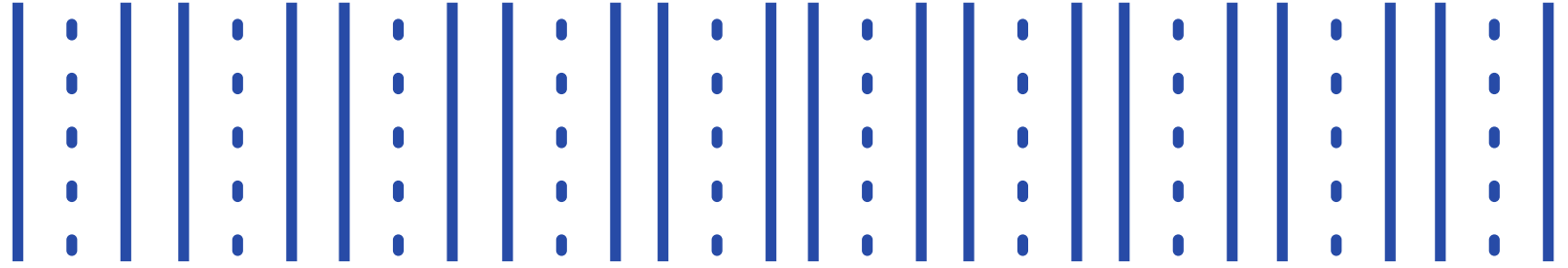
**Length - 337 feet to 375 feet (w/ extender)**

Long as 9-10 city buses parked bumper to bumper



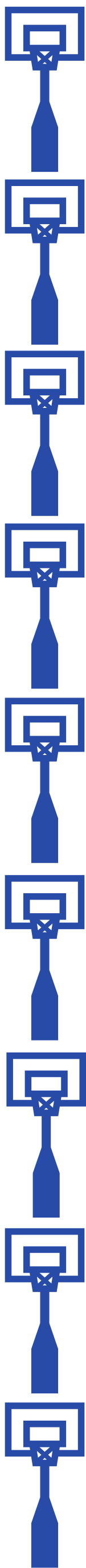
**Width - 135.5 feet**

Nearly the width of the neighboring 405 freeway north- and south-bound



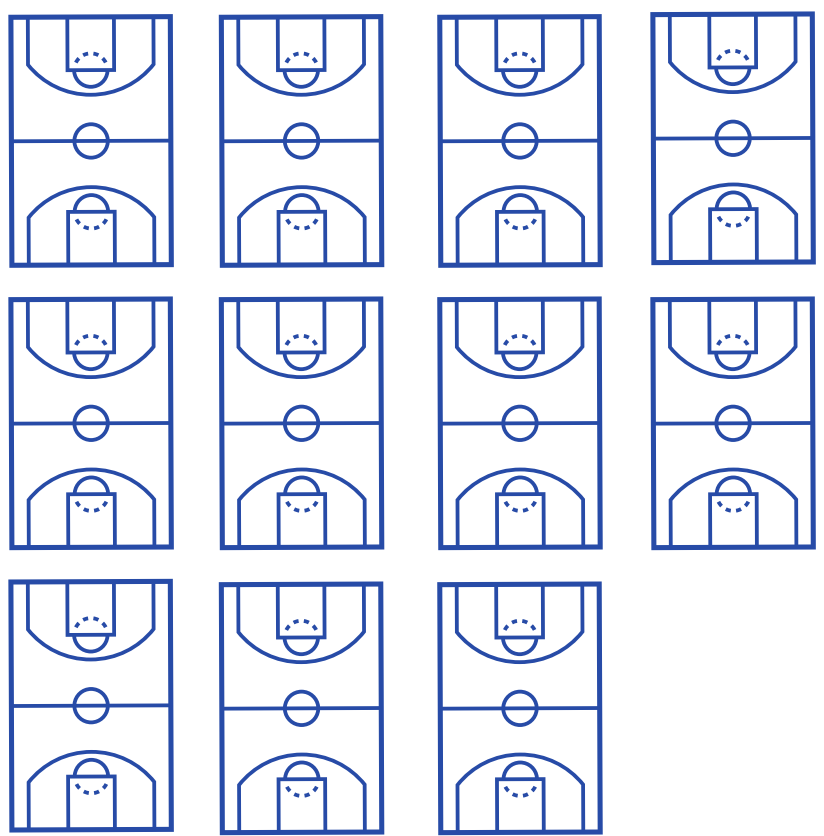
**Height - 88.6 feet**

Tall as nine regulation-sized basketball hoops stacked



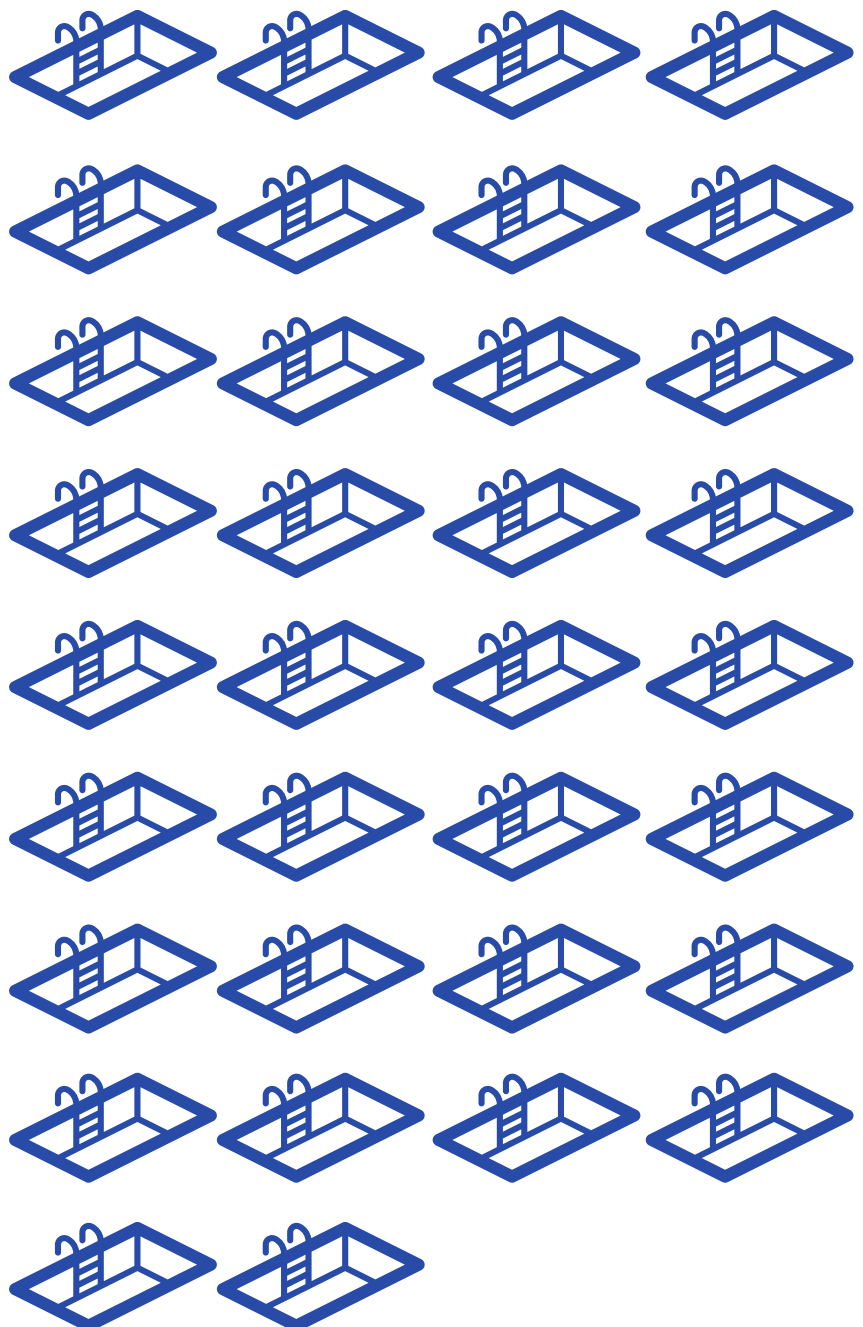
**Area - 50,800 square feet**

Ground area to fit almost 11 regulation-sized basketball ball courts



**Volume - 3 million cubic feet**

Capacity of 34 Olympic-sized swimming pools



**GOODYEAR**