

Best Private Project Over \$5 Million

Scottsdale Hangar One

http://southwest.construction.com/projects/03_BestOf/03_BestOfArizona.pdf

Scottsdale Hangar One is a privately owned hangar complex and flight club located at the Scottsdale Airpark. The approximately 140,000-sq.-ft. facility can accommodate up to fifteen aircraft in its two 30,000-sq.-ft. hangars. A 108-ft.-long, 15,000-lb. aluminum “paper” airplane adorns the roof. Interior spaces are luxuriously furnished with custom fixtures, upholstered ceilings, exotic stone and terrazzo floorings, mahogany, ebony, and other rare woods; silk and wool carpeting; Onyx wall panels, and top-of-the-line building automation and audio-visual systems. The owner’s love of flying can be seen in two of the elevator cabs, where 420 hand-painted, scale-model military airplanes are enclosed behind glass panels. The twin airplane hangars have a clear height of 28.5 ft. An approximately 68,500-sq.-ft. multi-purpose facility adjoins the hangars and includes below-grade parking, premium office space and entertainment space. It also features an exclusive and unique auto showroom, which will showcase the owner’s private collection of exotic automobiles and vintage racecars.

Sundt’s Concrete Division used tilt panels, gang panels and loose-formed panels to construct the concrete walls, yet the entire structure has the appearance of loose-formed concrete. This was achieved by embedding snap tie cones and casting form lines into both the tilt panels and gang forms. The “bullet hole” wall in the lounge has 17 tapered penetrations, each with a different angle. The wall was cast in



PHOTO BY SUNDT CONSTRUCTION

a single operation with a nearly flawless architectural finish. The amount of concrete construction involved in

the project necessitated the use of up to six cranes at one time, which made the 5.5-acre site very congested. <<

Owner: Airmore LLC

Architect: Swaback Partners; Adam D.

Interior Design: Tihany International

Landscape Architect: Steve Martino & Associates

Construction Manager/ General Contractor: Sundt Construction, Inc.

Civil Engineer: Stantec Consulting, Inc.

Structural Engineer: Paul Koehler Engineers

MEP Engineer: Lockwood Greene

Concrete: Sundt Concrete Division

Steel: Schuff Steel, Metal-Weld

Electrical: Delta Diversified/ Wilson Electric

Mechanical: Bel-Aire Mechanical Inc.

Masonry: Sun Valley Masonry/ Desert Masonry

Sitework: Sundt Heavy Civil

Landscaping: Terrain Systems Inc.