



PHOENIX Airport Tower



JANUARY 2006

FEATURED PROFILE

Snapshot

Project Name:

Sky Harbor International
Airport Control Tower

Job Location:

Phoenix, AZ

Project Completion Date:

January 2006

Products/Services Used:

- Systems™ Scaffold
- Labor Services
- Engineering Services
- Project Management

Complete scaffold solutions, from top to bottom.

When the Phoenix Sky Harbor International Airport Control Tower was faced with access challenges for new tower construction, Safway Services provided the resources and solutions for the job.

Getting Started

A job-specific scaffold design was needed to accommodate the tower structure's height and diameter. With precise planning and project management, erectors were carefully screened and selected prior to walking on the jobsite.

Specialized Engineering

A variety of Safway resources were used to create a scaffold design (using Systems™ Scaffold) that could be set on a platform and continue vertically upward approximately 160 feet. The platform began at an elevation of 200 feet surrounding the 70-foot tower diameter.

Project Challenges

Throughout the project, crews faced severe wind speeds exceeding 30 miles per hour at 300-foot heights.

In addition to mandatory safety procedures and wearing extra hard hat protection, crews tethered their tools to retractable cords and took additional precautions against strong winds to prevent equipment fly-offs.

The chain line of equipment was directed at a decreased pace due to the tower height and constant pedestrian activity, especially for scaffold erected over the pedestrian walkways of the airport departure terminal.

With efficient project planning and diligent safety procedures, this project was successfully completed ahead of the customer's schedule.