



Residential Sound Insulation Program

Phoenix Sky Harbor International Airport

profile



The Jones Payne Group provided a range of program development and design services for the Sky Harbor International Airport Services including the implementation of a twelve house sound attenuation "pilot" project for selected residences in noise affected neighborhoods surrounding the airport. The outcome of the pilot program provided the City of Phoenix and Tempe with recommendations for the long range program addressing the sound insulation needs of over 4,000 affected homes. The Jones Payne Group assisted the Sky Harbor Airport with:

- **Program Criteria and Eligibility Guidelines.** The Jones Payne Group viewed all the affected neighborhoods and visited nearly 40 homes in the communities in order to document floor plans and recommend acoustical treatments as part of a "Preliminary Design Report".
- **Assessment & Design Reports** were prepared for twelve of the homes. The team addressed issues such as code compliance, building condition, historical preservation and mechanical systems.
- **Design of Architectural & Acoustical Treatments** for which Jones Payne produced design standards, concept packets and bid documents for the pilot homes.
- **Program Evaluation** including overall technical management of the program, policy development; program criteria; technical performance; master design and construction scheduling; budgeting and cost estimating; program reporting, and evaluation.

Client:

Phoenix Sky Harbor
International Airport
Phoenix, AZ

Phases:

Pilot Project

Program

Scope:

20 Dwelling Units

Duration:

1994-1996