

PAST PROJECTS

Raleigh-Durham Airport Operation Center

Raleigh-Durham, NC

O'Brien Atkins

Acoustical consulting for the Raleigh-Durham Airport Operation Center in Raleigh-Durham, NC. Provided acoustical services for a four story 35,000 square feet facility. Conducted site measurement to determine the acoustical environment and made recommendations for the exterior building shell in order to control noise levels to meet industry standards for airport/industrial office spaces.

Eagle River Air Park

Eagle River, AK

Environmental noise assessment for airport operations affecting private residences in a rural setting.

Anchorage International Concourse C

Anchorage, AK

Cash-Banner Associates

Design of indoor-outdoor sound isolation for a second story add-on office being built atop an existing terminal building at ANC.

Signature Flight Services ANC Fueling Base

Anchorage, AK

Locher Interests

Design of a noise attenuating building shell to protect the indoor office and maintenance space from taxiway noise at ANC. Exterior windows were a major noise challenge since jets taxi past only 200 feet away.

Elemendorf Visiting Officers Quarters

Anchorage, AK

Maynard-Partch Architects

Design of sound isolation exterior for temporary living units (hotel style) located just 1900 feet away from an active military runway with F-15 traffic.

Santa Rosa Memorial Hospital Helipad

Santa Rosa, CA

Memorial Hospital Foundation

Measurement and mitigation of medical-evacuation helicopter noise both inside the hospital and in the surrounding residential neighborhood.

Sonoma County Airport

Sonoma, CA

Airport Business Park

Study of aircraft noise impacts on several new buildings within a business park contiguous with the airport. Aircraft operations included commuter jets and general aviation.

Travis Air Force Base

Sacramento, CA

Lightner Property Group

Study and mitigation of noise from Travis AFB and development of noise contours for a small aero club general aviation airfield as they affected a major residential development on adjoining property.

Miramar Naval Air Station

Miramar, CA

BHSA Design Group
NAS Miramar

Design of building envelope noise attenuation for a new administrative and training building immediately adjacent to the primary operating runway, with significant F-14 and F-18 traffic.

Lakeport - Lake County Airport

Lakeport, CA

Resort Aviation

Study of helicopter noise associated with a flight school. Noise affected rural homes in the valley surrounding the airport.

Sacramento Metropolitan and McClellan Air Force Base

Sacramento, CA

Carrissimi-Rohrer

Two studies of airport noise affecting a proposed new Catholic church and a radio station's new studio under the primary approach path. Air traffic consisted of 24 hour B-52 strategic operations.

Lindbergh Field

San Diego, CA

BHSA Architects

Several studies of airport noise impacting buildings in downtown San Diego, including a high-rise hotel remodel, a 14 story mixed-use project (residential and commercial) and office buildings.

Half Moon Bay Airport

Half Moon Bay, CA

Development of noise contours and measurement of noise for a medium volume general aviation airport. Noise levels affected a bed-and-breakfast inn and an apartment building.

Nichols Institute Helipad

Orange County, CA

Modeling of helicopter operations and noise levels associated with a private helipad at a medical test and manufacturing lab. Impacted areas included surrounding park land and rural residences.

San Francisco International Airport

San Francisco, CA

Noise measurements at selected locations to validate the airport's existing noise monitoring program. Noise from certain runway approaches and departures severely impacted areas of residential development in adjoining communities.

Past projects are personal experience of TA principals
airport.rpl