



**Pickett, Kelm & Associates, Inc.**  
Consulting Structural Engineers

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**PROJECT TYPE:**  
COMMERCIAL AVIATION

**PROJECT LOCATION:**  
AUSTIN, TEXAS

**PROJECT OWNER:**  
AEROTERM US, INC.

**ARCHITECT:**  
SPENCER GODFREY ARCHITECTS

**GENERAL CONTRACTOR:**  
AMERICAN CONSTRUCTORS

**COMPLETED:** 1998

**CONSTRUCTION COST:**  
\$3,434,300 (Phase I)



## **AeroTerm Air Cargo Handling Facility**

### **PROJECT DESCRIPTION:**

Pickett, Kelm & Associates, Inc. provided structural and architectural engineering design for this single story 51,000 square foot freight handling and warehouse facility at Austin-Bergstrom International Airport, and subsequent 60,240 square foot Phase II expansion.

Elevated landside docks with overhead coiling doors and face mounted dock levelers support truck loading and unloading operations. Airside doors at grade support vehicular loading of aircraft. Exterior ramps and stairs, as well as cantilevered dock canopies, were provided for tenant access and convenience. A separate maintenance area is provided at one end of the buildings. Sitework included landside paving for parking and truck maneuvering areas and airside paving for aircraft parking aprons.

The project structures consist of pre-engineered metal buildings with rigid frames supported by grade beams over void forms and drilled, underreamed footings, with concrete slabs-on-ground. The building floor was designed to slope 0.025" per foot to accommodate the site grading without stepping the floor slab. The buildings have prefinished metal standing-seam roof panels, and prefinished metal panels with a decorative masonry base trim on the exterior walls. Accommodations in the building finishes, superstructure and foundation design were provided in the Phase I design for the planned Phase II expansion. Both projects were delivered on a design-build basis.

Tenant finish design, consisting of storefronts, offices, break area, conference rooms and restrooms were provided for the anchor tenant.