

NAVAL AIR STATION CHASE FIELD,
BUILDING 1015 (LANDPLANE HANGAR)
Byrd Street, 0.82 miles south-southeast
of the intersection of Texas State Highway
202 and Independence Street
Beeville Vicinity
Bee County
Texas

HABS No. TX-3397-C

HABS
TX
13-BEEVI.V
1C-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN BUILDINGS SURVEY
Rocky Mountain Regional Office
National Park Service
P.O. Box 25287
Denver, Colorado 80225-0287

HABS
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HISTORIC AMERICAN BUILDINGS SURVEY

NAVAL AIR STATION CHASE FIELD, BUILDING 1015
(LANDPLANE HANGAR) HABS No. TX-3397-C

Location: Byrd Street, 0.82 miles south-southeast of the intersection of Texas State Highway 202 and Independence Street, approximately 5 miles east of Beeville, Beeville Vicinity, Bee County, Texas

USGS Skidmore, Texas Quadrangle
Universal Transverse Mercator Coordinates
14/631250/3138650

Significance: Building 1015 (the Landplane Hangar), perhaps more than any other historic resource at the naval air station, represents the base's primary mission of training Navy pilots. It exhibits a distinctive building type used by the Navy at the onset of World War II, when hangar construction expanded at naval air stations throughout the country. This emphasized the growing importance of aviation within the Navy. This hangar displays a large barrel-vault roof supported by a system of interlocking wooden beams.

Description: Situated on the level terrain of the southernmost corner of the base facilities, Building 1015 is surrounded by concrete pavement that extends to the nearby runways. Building 1015 is the largest extant historic resource at Naval Air Station (NAS) Chase Field and has a rectangular building footprint. The primary structural component of the hangar is a large barrel vault that extends southwest to northeast. Galbestos siding covers the building's wood-frame construction. An expansive two-story opening within the barrel-vault section visually dominates the front (southwest) elevation. This 91-foot opening has massive two-story aluminum doors that allow aircraft to be easily moved into and out of the spacious interior.

Windows on the southeast and northwest elevations include both fixed metal and double-hung, wood-sash windows. The double-hung windows have 12/12 lights. The rear elevation also has an expansive opening that resembles the front passage. The vast space of the interior has arched, laminated-wood beams that support the barrel-vault roof. Two-story wings flank each side of the central barrel-vault section. Partitioned office, storage and mechanical spaces are to each side of the vaulted area. The removal of a six-story control tower in 1957 and the construction of two shed-roof additions in 1969 and 1970 are the only major exterior alterations to the building. The service area is largely unaltered, although the office spaces have been enlarged to accommodate administrative offices. Most of these alterations were completed in 1973 and 1983.

History: Built in 1943, Building 1015 serviced the aircraft of NAS Chase Field, while also providing offices and training classrooms for Navy personnel. As with most of the other buildings erected during the initial phase of construction, Building 1015 was designed by Robert & Company. This architectural firm was based in Atlanta,

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Georgia, but opened a branch office in Corpus Christi during the rapid military build-up both immediately preceding and following the United States' entry into World War II. Brown Bellows & Columbia of Houston served as general contractor. The design of the hangar conformed to prevailing concepts regarding the form, configuration and plan of aviation hangars. With the introduction of more advanced aircraft, Building 1015 proved to be spatially inadequate, and the Navy erected other more expansive hangars on the base. The central tower was removed in 1957 and the exterior has not changed since that time. In 1971, the interior balconies that overlooked the service area were widened and enclosed to house offices for the Training Air Wing (TRAWING) 3. Building 1015 remained a storage and office space until the base closure in 1993.

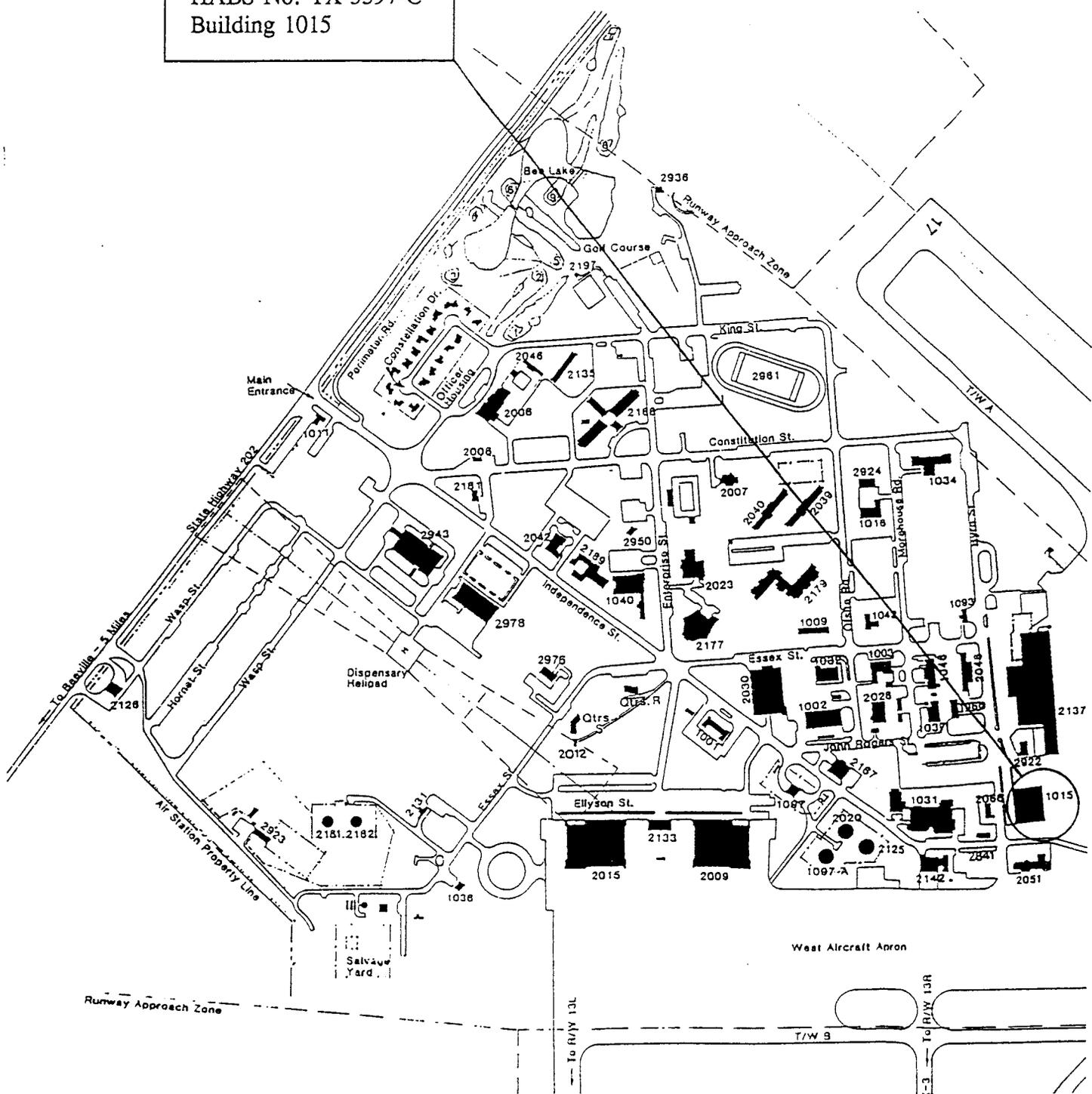
Sources:

- Moore, David; Myers, Terri; and Goebel, Matt. *Historic Resources Survey & Assessments: NAS Chase Field, Beeville, Texas*. Austin, Texas: Hardy-Heck-Moore, [1992]. The building was determined eligible for listing in the National Register of Historic Places and a nomination is being prepared for submission to the National Park Service, U.S. Department of the Interior.
- U.S. Department of the Navy, Bureau of Yards and Docks. *Building the Navy's Bases in World War II: History of the Bureau of Yards and Docks and the Civil Engineer Corps, 1940-1946, Volume 1*. Washington, D.C.: Government Printing Office, 1947.

Historians: David Moore and Terri Myers, Hardy-Heck-Moore & Associates, June 1993.

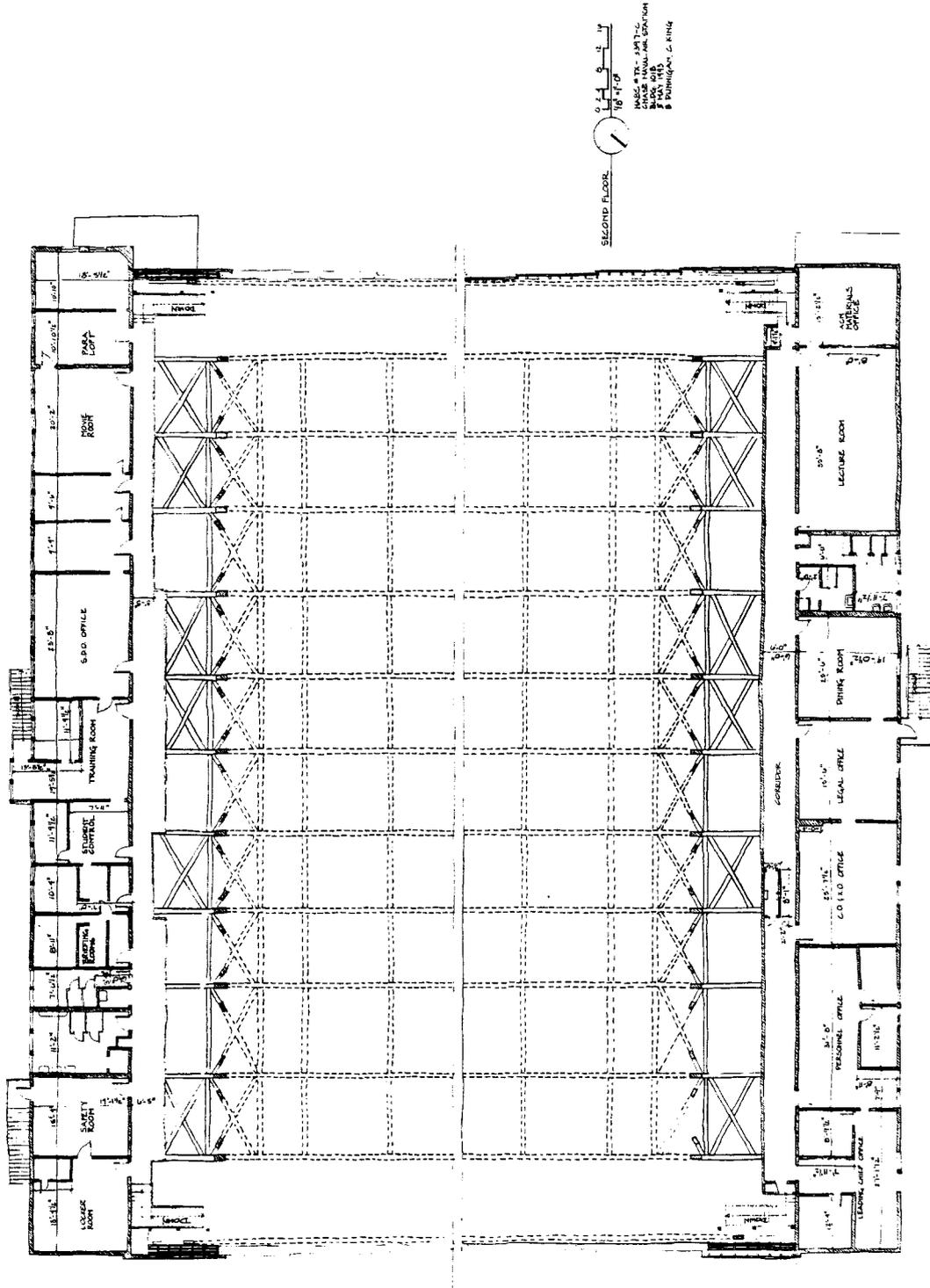
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HABS No. TX-3397-C
 Building 1015



Source: NAS Chase Field
 Public Works Office

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SECOND FLOOR

1/8" = 1'-0"
 1/4" = 2'-0"
 1/2" = 4'-0"
 1" = 8'-0"
 2" = 16'-0"
 4" = 32'-0"
 8" = 64'-0"
 16" = 128'-0"
 32" = 256'-0"
 64" = 512'-0"
 128" = 1024'-0"
 256" = 2048'-0"
 512" = 4096'-0"
 1024" = 8192'-0"
 2048" = 16384'-0"
 4096" = 32768'-0"
 8192" = 65536'-0"
 16384" = 131072'-0"
 32768" = 262144'-0"
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