

Chanute Air Force Base, Residential Garage
(Building 84)
Galaxy Street
Rantoul Vicinity
Champaign County
Illinois

HABS No. IL-1185-AJ

HABS
ILL
10-RAN.V,
IAJ-

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

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(Building 84)

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Location:

Galaxy Street
Chanute Air Force Base
Rantoul Vicinity
Champaign County
Illinois

Present Owner:

United States Air Force
OL B, AFBCA
501 East Sopwith, Suite A
Rantoul, Illinois 61866

Present Occupant:

Vacant

Present Use:

Vacant

Significance:

From its establishment in 1917 as a military aviation school, until its closure on September 30, 1993, Chanute Air Force Base (AFB) has served almost continuously as a technical training center for the United States Air Force. As one of the oldest military installations in the Air Force inventory, Chanute AFB has played an important role in the development of the American air defense system. Since its construction, the area of the Historic District has served as Chanute's administrative core, and the design and construction of the buildings and structures within the District reflect the extraordinary growth of the installation just prior to and during the early years of World War II. It was during that period that the base was rapidly transformed from a collection of neglected wooden World War I-era buildings into the permanent brick and steel features that remain as the Chanute AFB Historic District.

In response to massive World War II mobilization, Building 84 was built in 1940 as a ten unit residential garage for Noncommissioned Officer Housing. It is a contributing element of the Chanute AFB Historic District.

PART I. HISTORICAL INFORMATION

A. Physical History

1. Date(s) of erection: 1940
2. Architect: Office of Quartermaster General (OQMG), Construction Division
3. Original and subsequent owners: United States Army, United States Air Force
4. Contractors:
5. Original plans and construction: Plans for the building were drawn by the OQMG Construction Division.

B. Historical Context:

Established in 1917, Chanute AFB is one of the oldest Air Force installations in the United States. During World War I Chanute Field provided pilot training and afterwards temporarily became a storage facility. In 1921, the Air Services Mechanics School was transferred to Chanute from Kelly Field, Texas. When the Wilcox Bill (49 U.S. Stat. 610) was passed by Congress in 1935, the large-scale expansion of Chanute began and, in the next ten years, it changed from a neglected World War I Field into a centralized, subdivision-type collection of brick and steel buildings. More than 200,000 military students would graduate from its various technical schools between 1940 and 1945 and over 1,000,000 students would pass through its doors before its closure in 1993.

In general, the history of Chanute AFB parallels the history of American military aviation and its built environment reflects the economic and military priorities, architectural styles, and concepts of military installation planning common to the OQMG and the Corps of Engineers (COE). The buildings and structures within the Historic District, including this building, reflect Chanute's "Great Renaissance" period (1938-41).

When garages became an essential part of the American profile, the military began to provide them for all officers and noncommissioned officers (NCO). When Company Officer and NCO housing was built, in response to the build-up for World War II, garages were included in the design plans. Building 84 was built in 1940 as a ten unit residential garage for NCO housing, Buildings 86-90. The building utilized OQMG Plan #634-140 and was constructed at a cost of \$4,617 under a Purchase and Hire contract supervised by the constructing Quartermaster.

PART II. ARCHITECTURAL INFORMATION

A. General Statement

1. Architectural character: Building 84 is a utilitarian brick building and does not fit into an established architectural classification.

2. Condition of fabric: This building is in fair to good condition. Brick is spalling off in places.

B. Description of Exterior:

Building 84 is a one-story, rectangular-in-plan, ten bay (98 ft 9 in by 21 ft 8 in) garage built on a concrete foundation and its design reflects the adjacent housing. Its walls are red brick laid in common bond (four stretcher rows/one header row) with crushed stone mortar. Ten evenly-spaced, metal-framed windows on the rear wall each have nine lights (three rows of three), the upper two rows of lights are hinged to open outward. Features include flat heads with stretcher brick lintels, metal muntins, and concrete sills. Ten evenly spaced garage bays have flat wooden heads and wood frames. Solid fiberglass doors replaced the original wood doors that had four rows of six inset panels with a series of lights in the second row.

The medium-pitched, side facing gable roof is covered with flat clay tile shingles with attached circular copper ice breakers. Other features include boxed eaves, molded fascia, slight corner returns, and an entablatured frieze.

C. Description of Interior:

1. Floor plan: See attached floor plans.

2. Summary Description: The interior has exposed roof trusses and a concrete floor. There is a central support wall in the interior between the fifth and sixth bay.

D. Site:

Building 84 sits behind Buildings 86-90 in a residential setting.

PART III. SOURCES OF INFORMATION

A. Original Architectural Drawings:

Original drawings for the buildings on Chanute AFB are currently housed in Building 62, Chanute AFB, Illinois.

B. Historic Views:

A large collection of historic photographs is located in the Museum Building (Hangar 4), Chanute AFB, Illinois.

C. Bibliography:

D. E. McGillem and Associates, Inc., 1990. Historic Inventory Chanute Air Force Base.

King, Thomas F. and Paige M. Peyton, 1991. Chanute AFB, Illinois Historic Evaluation.

U. S. Air Force, 1940. Chanute Field, Office of the Constructing Quartermaster, Chronological Report of Construction Program, December 27, p. 6.

PART IV. PROJECT INFORMATION

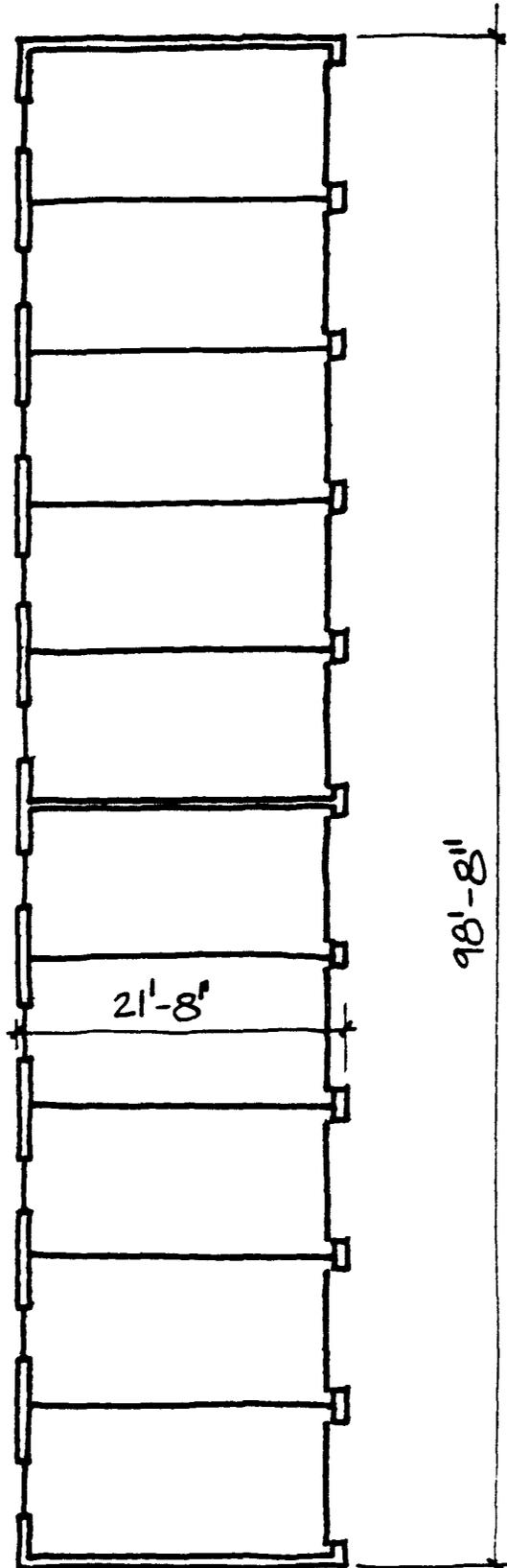
National Register and HABS documentation for the Chanute AFB Illinois Historic District is the culmination of the Section 106 process initiated during the preparation of the Disposal and Reuse Environmental Impact Statement (EIS) for Chanute AFB. The EIS was precipitated by the Congressional decision to close Chanute AFB as directed by the Base Closure and Realignment Act (BRAC) of 1988. A Memorandum of Agreement among the U. S. Air Force, the Illinois State Historic Preservation Officer (SHPO), and the Advisory Council on Historic Preservation, Eastern Division, has been drafted.

Prepared by: Ana B. Koval, Architectural Historian
Architectural Resources Group
Pier 9, The Embarcadero
San Francisco, California 94111

and

Paige M. Peyton, Historian
The Earth Technology Corporation
1461 East Cooley Drive, Suite 100
Colton, California 92324

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NORTH

FLOOR PLAN
DRAWN: 11/12/93