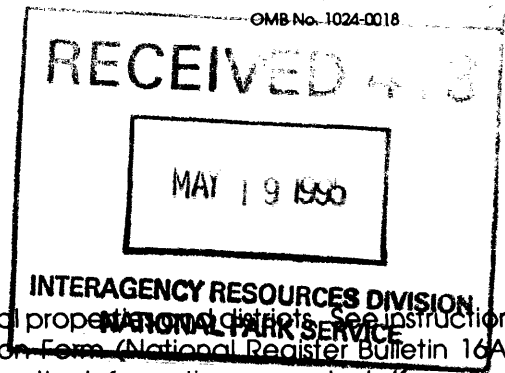


United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
REGISTRATION FORM



This form is for use in nominating or requesting determinations for individual properties. See instructions in How to Complete the National Register of Historic Places Registration Form (National Register Bulletin 16A). Complete each item by marking "x" in the appropriate box or by entering the information requested. If any item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions. Place additional entries and narrative items on continuation sheets (NPS Form 10-900a). Use a typewriter, word processor, or computer, to complete all items.

1. Name of Property

historic name Demountable Hangar

other names/site number S-46

2. Location

street & number North Apron not for publication

city or town Williams Air Force Base vicinity

state Arizona code AZ county Maricopa code AZ 013 zip code 85225

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1966, as amended, I hereby certify that this nomination request for determination of eligibility meets the documentation standards for registering properties in the National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60. In my opinion, the property meets does not meet the National Register Criteria. I recommend that this property be considered significant locally nationally statewide locally. (See continuation sheet for additional comments.)

Tad McCrea May 15, 1995
Signature of certifying official Date

U.S. Army Corps
State or Federal agency and bureau

In my opinion, the property X meets does not meet the National Register criteria. (See continuation sheet for additional comments.)

James W. Owen - AESTHO 15 FEB 1995
Signature of commenting or other official Date

ARIZONA STATE PARKS
State or Federal agency and bureau

4. National Park Service Certification

I, hereby certify that this property is:

- entered in the National Register _____
 ___ See continuation sheet.
 determined eligible for the _____
 National Register
 ___ See continuation sheet.
 determined not eligible for the _____
 National Register
 removed from the National Register _____

 other (explain): _____

Antonio M. Nee
Signature of Keeper

6/19/95
Date of Action

5. Classification

Ownership of Property (Check as many boxes as apply)

- private
 public-local
 public-State
 public-Federal

Category of Property (Check only one box)

- building(s)
 district
 site
 structure
 object

Number of Resources within Property

Contributing	Noncontributing
___	___ buildings
___	___ sites
<u>1</u>	___ structures
___	___ objects
<u>1</u>	<u>0</u> Total

Number of contributing resources previously listed in the National Register 0

Name of related multiple property listing (Enter "N/A" if property is not part of a multiple property listing.)

Historic Resources of Williams Air Force Base, Arizona

6. Function or Use

Historic Functions (Enter categories from instructions)

Cat: DEFENCE Sub: Air Facility
TRANSPORTATION Air-Related

Current Functions (Enter categories from instructions)

Cat: VACANT/NOT IN USE Sub: _____

7. Description

Architectural Classification (Enter categories from instructions)

Materials (Enter categories from instructions)

foundation CONCRETE

roof ASPHALT

walls METAL

other STUCCO

Narrative Description (Describe the historic and current condition of the property on one or more continuation sheets.)

8. Statement of Significance

Applicable National Register Criteria (Mark "x" in one or more boxes for the criteria qualifying the property for National Register listing)

- A. Property is associated with events that have made a significant contribution to the broad patterns of our history.
- B. Property is associated with the lives of persons significant in our past.
- C. Property embodies the distinctive characteristics of a type, period, or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction.
- D. Property has yielded, or is likely to yield information important in prehistory or history.

Criteria Considerations (Mark "X" in all the boxes that apply.)

- A. owned by a religious institution or used for religious purposes.
- B. removed from its original location.
- C. a birthplace or a grave.
- D. a cemetery.
- E. a reconstructed building, object, or structure.
- F. a commemorative property.
- G. less than 50 years of age or achieved significance within the past 50 years.

Areas of Significance (Enter categories from instructions)

COMMUNITY PLANNING AND DEVELOPMENT
MILITARY
ENGINEERING

Period of Significance 1941-1943

Significant Dates 1942

Significant Person (Complete only if Criterion B is marked above)

Cultural Affiliation N/A

Architect/Builder Webb, Del E. Construction Company

Narrative Statement of Significance (Explain the significance of the property on one or more continuation sheets.)

9. Major Bibliographical References

Bibliography (Cite the books, articles, and other sources used in preparing this form on one or more continuation sheets.)

Previous documentation on file (NPS)

preliminary determination of individual listing (36 CFR 67) has been requested.
 previously listed in the National Register
 previously determined eligible by the National Register
 designated a National Historic Landmark
 recorded by Historic American Buildings Survey # _____
 recorded by Historic American Engineering Record # _____

Primary Location of Additional Data:

State Historic Preservation Office
 Other State agency
 Federal agency
 Local government
 University
 Other
Name of repository: _____

10. Geographical Data

Acreege of Property Less than one acre

UTM References (Place additional UTM references on a continuation sheet)

Zone Easting Northing Zone Easting Northing
1 12 437660 3685800 3 _____
2 _____ 4 _____
____ See continuation sheet.

Verbal Boundary Description (Describe the boundaries of the property on a continuation sheet.)

Boundary Justification (Explain why the boundaries were selected on a continuation sheet.)

11. Form Prepared By

name/title Jim Woodward, Architect / Patsy Osmon, Associate Historian / Chris Richards,
Woodward Architectural Group date May 1993 Historic Architecture
Associate
street & number 398 South Mill Avenue, Suite 202 telephone (602) 829-7571
city or town Tempe state AZ zip code 85281

Additional Documentation

Submit the following items with the completed form:

Continuation Sheets

Maps

A **USGS map** (7.5 or 15 minute series) indicating the property's location.
A **sketch map** for historic districts and properties having large acreage or numerous resources.

Photographs

Representative **black and white photographs** of the property.

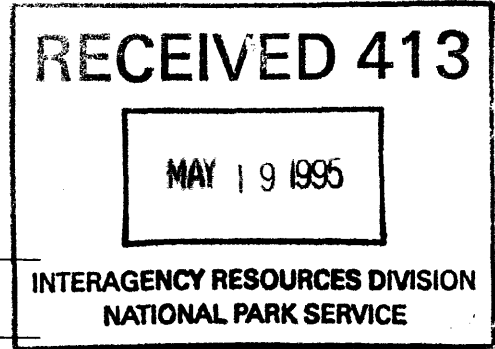
Additional items (Check with the SHPO or FPO for any additional items)

Property Owner

(Complete this item at the request of the SHPO or FPO.)

name _____
street & number _____ telephone _____
city or town _____ state _____ zip code _____

United States Department of the Interior
National Park Service



NATIONAL REGISTER OF HISTORIC PLACES CONTINUATION SHEET

Section 7 Page 1

Demountable Hangar
 name of property
Maricopa/Arizona
 county and State
Historic Resources of Williams Air Force Base, Arizona
 name of multiple property listing

Description

The Demountable Hangar (S-46) was constructed in January 1942, by the Del E. Webb Construction Company. The structure was designed by the Army Corps of Engineers, Los Angeles office in June 1941. The hangar is an example of the Military Aircraft Maintenance Facility property type. It retains substantial integrity of design, materials, workmanship, association, and setting. The hangar was originally used for aircraft maintenance and is presently unoccupied.

The Demountable Hangar is located on the North Apron of the Flight Line and faces northeast. It is the only hangar on the North Apron. The Demountable Hangar is a rectangular, one-story structure of steel-frame construction with a wood-frame lean-to addition at the rear. The hangar measures 184 feet long by 120 feet deep. The double-rainbow roof with a gable connection is covered with rolled asphalt. The roof is supported by twin bowstring trusses each with a total clear span of 184 feet. The walls are sheathed with corrugated sheet metal and the shed-roofed addition at the rear is sheathed with stucco.

Exterior features include large windows and large sliding hangar doors. There are four symmetrical windows on the side walls. They are multi-lite, steel-frame, awning windows surrounded by steel fixed lites. The main entrance to the structure is a pair of six-panel, hollow metal, sliding, telescoping doors, extending the length of the facade. Each panel is approximately 25 feet high and contains a large multi-lite, fixed window. Each set of doors contains a one-metal, single-leaf-door with lites. The twin steel bowstring trusses are the [dominate] interior feature of the hangar.

dominate?

United States Department of the Interior
National Park Service

**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

Section 8 Page 2

Demountable Hangar

name of property

Maricopa/Arizona

county and State

Historic Resources of Williams Air Force Base, Arizona

name of multiple property listing

Statement of Significance

The Demountable Hangar (S-46) is significant under *Criteria A* under the areas of significance of Community Planning and Development and Military. Built in January 1942, it is an excellent illustration of the origins of Williams Field and the Army Air Corps flying training programs of World War II. The structure is also significant under *Criteria C* under the area of significance of Engineering. The Demountable Hangar is a good example of the engineering and construction methods used by the Air Corps for hangar design in the early 1940s. It is representative of the historic contexts "Williams Field Training Programs and Wartime Operations, 1942 to 1947," "Williams Field Base Facilities Development, 1941 to 1944," and "Williams Field Base Plan and Architectural Theme, 1941 to 1944." Built of a standard military design, the Demountable Hangar represents the Military Aircraft Maintenance Facility property type. It retains its integrity of design materials, setting, location, feeling and association. It possesses the requisite physical characteristics of its property type including its overall design, shape and form, and its location adjacent to the flight line. The hangar conveys the associative quality that distinguishes this property type, and provides an essential link between its important function and the significant role of Williams Air Force Base as a World War II-era military flying training facility.

The Demountable Hangar is associated with the initial development and construction efforts at Williams Air Force Base. It was constructed as part of the first phase of development at the Williams Field which took place between June 1941 and February 1942. This initial development included the construction of 146 buildings and structures, runway construction and flood control, and drilling a water well with a storage and supply system. The contract for the construction of the buildings and structures was awarded to the Del E. Webb Construction Company for the amount of \$1,534,021.00. The structure is one of three extant Demountable Hangars at Williams Air Force Base, all three of which represent the first three hangars of any type constructed at Williams Field. Initially, the Demountable Hangars were utilized as aircraft maintenance hangars for AT-9s and AT-17 advanced training twin engine aircraft.

The Demountable Hangar is also a good example of the engineering and construction methods used by the Air Corps for hangar design associated with the large scale development of flying training fields during the early 1940s. Nearly all the buildings and structures constructed at Army Air fields at the outset of World War II were constructed from standard designs created by the Army Corps of Engineers or the Office of the Quartermaster General. Designed in June 1941 by the Army Corps of Engineers, the Demountable Hangar represented a standard hangar design referred to as "U.S. Army Air Corps Demountable Hangar, DH-1." It features a unique bowstring arch steel truss roof framing system with a clear span of 184 feet. Although a standard military design, the Demountable Hangar is a locally rare example of a once common type.

United States Department of the Interior
National Park Service

**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

Section 9, 10 Page 3

Demountable Hangar

name of property

Maricopa/Arizona

county and State

Historic Resources of Williams Air Force Base, Arizona

name of multiple property listing

Bibliography

Arizona Republic. Phoenix, Arizona, February 1941 to December 1943, Various Issues.

Chandler Arizonan. Chandler, Arizona. January 1941 to December 1943, All Issues.

Mueller, Robert. Air Force Bases. Washington D.C.: Office of Air Force History, 1989.

Stevens, Robert Conway. History of Chandler, 1912-1953. Tucson: University of Arizona, October 1954.

United States Air Force, 82nd Civil Engineering Squadron, Facility Folders and Drawings.

Verbal Boundary Description

The boundaries of the property are defined by lines extending five feet beyond the farthest permanent projection of the building and parallel to each facade.

Boundary Justification

The boundary encompasses the building and its immediate setting.

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES CONTINUATION SHEET

Section ____ Page ____

Demountable Hangar

name of property

Maricopa/Arizona

county and State

Historic Resources of Williams Air Force Base, Arizona

name of multiple property listing

The following information is common to all photographs of the Demountable Hangar S-46.

Name of Photographer: Nancy Christine Richards
Date of Photograph: April, 1993
Location of Original Negative: Arizona State Historic Preservation Office

Photo #1

Description of View: Demountable Hangar view from North Apron, looking west.

Photo #2

Description of View: Demountable Hangar view from North Apron, looking southwest.

**United States Department of the Interior
National Park Service**

**National Register of Historic Places
Continuation Sheet**

Section number _____ Page _____

SUPPLEMENTARY LISTING RECORD

NRIS Reference Number: 95000743

Date Listed: 6/19/95

Demountable Hangar
Property Name

Maricopa AZ
County State

Williams Air Force Base MPS
Multiple Name

This property is listed in the National Register of Historic Places in accordance with the attached nomination documentation subject to the following exceptions, exclusions, or amendments, notwithstanding the National Park Service certification included in the nomination documentation.

Antoinette Allee
for _____
Signature of the Keeper

6/19/95

Date of Action

=====
Amended Items in Nomination:

State/Federal Agency Certification: The property is evaluated at the local level of significance.

This information was confirmed with Paul Williams of the Air Force's Office of Environment, Safety, and Occupational Health.

DISTRIBUTION:

- National Register property file
- Nominating Authority (without nomination attachment)

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
REGISTRATION FORM

APR - 3 2001

95-
1742

This form is for use in nominating or requesting determinations for individual properties and districts. See instructions in How to Complete the National Register of Historic Places Registration Form (National Register Bulletin 16A). Complete each item by marking "x" in the appropriate box or by entering the information requested. If any item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions. Place additional entries and narrative items on continuation sheets (NPS Form 10-900a). Use a typewriter, word processor, or computer, to complete all items.

1. Name of Property

historic name Amendment to Demountable Hangar

other names/site number S-46

name of multiple property listing Historic Resources of Williams Air Force Base

2. Location

street & number North Apron not for publication
city or town Mesa vicinity _____
state Arizona code AZ county Maricopa code 013 zip code 85225

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1986, as amended, I hereby certify that this nomination _____ request for determination of eligibility meets the documentation standards for registering properties in the National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60. In my opinion, the property meets _____ does not meet the National Register Criteria. I recommend that this property be considered significant _____ nationally _____ statewide locally. (See continuation sheet for additional comments.)

William S. Collins
Signature of certifying official

3/26/01
Date

Arizona State Parks, 51710
State or Federal agency and bureau

In my opinion, the property _____ meets _____ does not meet the National Register criteria. (_____ See continuation sheet for additional comments.)

Signature of commenting or other official

Date

State or Federal agency and bureau

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES

Continuation Sheet

Section Amendment

Page 1

Demountable Hangar
Name of Property

Maricopa, Arizona
County and State

Historic Resources of Williams Air Force Base
Name of Multiple Property Listing

Amendment to Demountable Hangar, part of the Multiple Property Listing for Historic Resources of Williams Air Force Base, Arizona. The Demountable Hangar was listed on the National Register of Historic Places on June 19, 1995.

Williams Air Force Base is listed as the "City or Town" on the nomination form. However, Williams Air Force Base was closed in 1993 and the property is now within the city limits of Mesa.

The Arizona SHPO requests the Keeper to amend the nomination form to list "Mesa" as the City or Town where the Demountable Hangar is located.