

HISTORICAL STRUCTURE FORM FLORIDA MASTER SITE FILE

Version 3.0 11/96

Consult Guide To Historical Structure Forms for detailed Instructions.

Site #8 BR1684

Recorder # 2-272

Field Date 7/27/06

Form Date 10/4/06

Original
 Update
(give site #)

Site Name(s) (address if none) Vehicle Assembly Building (VAB) Multiple Listing [DHR only] _____
Survey Survey of Space Shuttle Program Facilities at the John F. Kennedy Space Center Survey # _____
National Register Category (Please check one: consult with Site File before using last four): building structure district site object

LOCATION & IDENTIFICATION

Address (include N,S,E,W,#;St.,Ave.,etc.) Building #K6-848, Vehicle Assembly Building Area, John F. Kennedy Space Center
Cross Streets (nearest/between) _____
City/Town (within 3 miles) Titusville In Current City Limits: y n unknown
County Brevard Tax Parcel #(s) n/a
Subdivision name _____ Block _____ Lot _____
Ownership (Please check one): private-profit private-individual city county Native American
 private-nonprofit private-unspecified state federal foreign unknown
Name of Public Tract (e.g., park) _____
Route to (especially if no street address) _____

MAPPING

USGS 7.5' Map Name & Date Orsino, FL 1976
Township 22S Range 37E Section 7 1/4 section: NW SW SE NE Irregular-name:
Landgrant _____ UTM: Zone 16 17 Easting 534100 Northing 3161940
Plat or other map (map's name, location) _____

DESCRIPTION

Style* Industrial Vernacular Exterior Plan* irregular Number of Stories 41
Structural System(s)* steel frame
Foundation: Type(s)* slab with piles Material(s)* poured concrete
Exterior Fabric(s)* metal panels
Roof: Type(s)* flat Material(s)* built-up
Roof secondary strucs. (domers etc.)* _____
Chimney: No. _____ Material(s)* _____ Location(s)* _____
Windows (types, materials, etc.)* _____

Main Entrance (stylistic details) 456 ft x 150 ft vertical lift & horizontal rolling
Porches: #open _____ #closed _____ #incised _____ Location(s) _____
Porch roof type(s) _____
Exterior Ornament painted American Flag and Bicentennial Emblem on S elevation

Interior Plan* irregular
Condition (Please check one): excellent good fair deteriorated ruinous
Surroundings (N=None, S=Some, M=Most, A=All/nearly all) N commercial N residential A institutional N undeveloped
Ancillary Features (No., type of outbuildings; major landscape features. Use continuation sheet for descriptions of interior, landscaping, etc.)
1966 Utility Annex to SW

Archaeological Remains none Check if Archaeological Form completed
*Consult Guide to Historical Structure Forms for preferred descriptions (coded fields at the Site File).

DHR USE ONLY*****OFFICIAL EVALUATIONS*****DHR USE ONLY

NR DATE	KEEPER-NR ELIGIBILITY <input type="checkbox"/> yes <input type="checkbox"/> no	Date _____
DELIST DATE	SHPO-NR ELIGIBILITY: <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> potentially elg. <input type="checkbox"/> insufficient info	Date _____
	LOCAL DESIGNATION: Local office	Date _____
National Register Criteria for Evaluation <input type="checkbox"/> a <input type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/> d (See National Register Bulletin 15, p.2)		

HISTORICAL STRUCTURE FORM

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HISTORY

Construction date: Exactly _____ (year) Approximately 1966 (year) Earlier than _____ (year) Later than _____ (year)
 Architect (last name first): Urbahn-Roberts-Seelye-Moran Arch & Eng, NY Builder (last name first): Morrison-Knudsen, Inc.
 Moves: yes no unknown Dates _____ Original address _____
 Alterations: yes no unknown Dates ca. 1976 Nature* retrofit for Space Shuttle Program
 Additions: yes no unknown Dates _____ Nature* _____
 Original Use* (give date ranges) OTHER: assembly, test, checkout, storage of Apollo launch vehicle
 Intermediate Uses* (give date ranges) OTHER: assembly, test, checkout, storage of Apollo and Space Shuttle launch vehicles
 Present Use* (give date ranges) OTHER: assembly, test, checkout, storage of Space Shuttle launch vehicle
 Ownership History (especially original owner, dates, profession, etc.) National Aeronautics and Space Administration

*Consult Guide to Historical Structure Forms for preferred descriptions (coded fields at the Site File).

RESEARCH METHODS (Check all choices that apply; if needed write others at bottom)

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> formal archaeological survey | <input checked="" type="checkbox"/> past surveys search at FMSF | <input checked="" type="checkbox"/> local library research | <input type="checkbox"/> Sanborn maps |
| <input type="checkbox"/> informal archaeological inspection | <input checked="" type="checkbox"/> past sites search at FMSF | <input type="checkbox"/> non-local library research | <input type="checkbox"/> subdivision maps |
| <input checked="" type="checkbox"/> Public Lands Survey (DEP) | <input type="checkbox"/> FL Archives (Gray Building) | <input type="checkbox"/> building permits | <input type="checkbox"/> plat maps |
| <input type="checkbox"/> tax records/property deeds | <input type="checkbox"/> FL Photo Archives (Gray Building) | <input type="checkbox"/> demolition permits | <input type="checkbox"/> local newspaper files |
| <input type="checkbox"/> tax records only | <input type="checkbox"/> occupant/owner interview | <input type="checkbox"/> commercial permits | |
| <input checked="" type="checkbox"/> interior inspection | <input type="checkbox"/> neighbor interview | <input type="checkbox"/> occupation permits | |
| <input type="checkbox"/> other methods (specify) _____ | | | |

SURVEYOR'S EVALUATION OF SITE (Check one choice on each line)

Potentially eligible for local register? yes: name register at right no insufficient info Name of local register if eligible: _____
 Individually eligible for National Register? yes no insufficient info
 Potential contributor to Nat. Reg. district? yes no insufficient info
 Area(s) of Historical Significance (See National Register Bulletin 15, p. 8 for categories: e.g. "architecture," "ethnic heritage," "community planning & development," etc.)
 OTHER: Space Exploration; Transportation; Engineering

Explanation of Evaluation (required, whether positive or not; limit to three lines; attach longer statement, if needed, on separate sheet)
 see continuation sheet

DOCUMENTATION (Photos, Plans, etc.)

Bibliographic References (Use Continuation Sheet, give FMSF Manuscript # if relevant) see continuation sheet

Photographs (required) B&W print(s) at least 3x5, at least one main facade.

Location of negatives & negative numbers Archaeological Consultants Inc., Sarasota; Roll 2, photos 272-280; Roll 3, photo 9.

RECORDER

Name (last name first)/Address/Phone/Fax/Email/Affiliation Slovinac, Trish and Joan Deming
 Archaeological Consultants, Inc./P.O. Box 5103, Sarasota, FL 34277-5103/(941)379-6206/(941)379-6216/ACIFlorida@comcast.net

Remember: Use a Supplement for Site Forms or other continuation sheet for descriptions that do not fit in the spaces above.

REQUIRED: (1) USGS 7.5' MAP WITH STRUCTURE PINPOINTED IN RED
 (2) LARGE SCALE STREET OR PLAT MAP
 (3) PHOTO OF MAIN FACADE, PREFER B&W, AT LEAST 3x5

CONTINUATION SHEET**Explanation of Evaluation:**

The VAB was listed in the NRHP on January 21, 2000. Originally nominated in the context of the Apollo Program, ca. 1961 through 1975, the VAB has since gained importance in the context of the Space Shuttle program, ca. 1969 to 2010. It is considered significant under NRHP Criterion A in the area of Space Exploration, and under NRHP Criterion C in the area of Engineering. Because the VAB has achieved significance within the past 50 years, Criteria Consideration G applies. One of the world's largest buildings by volume, the VAB is a unique facility, modified to support the integration and stacking of the complete Space Shuttle Vehicle on the Mobile Launcher Platform.

CONTINUATION SHEET

Bibliographic References:

- Anonymous. "KSC Complex 39 Reshaped for Role in the Shuttle Era." *Marshall Star*, July 6, 1977: 2.
- Anonymous. "First Shuttle Base." *Spaceflight* Volume 19, No. 6, June 1977:218-227.
- Archaeological Consultants, Inc. (ACI). *Survey and Evaluation of the Historic Facilities within the Industrial, Launch Complex 39 (LC-39), Vehicle Assembly Building (VAB), and Shuttle Landing Facility (SLF) Areas of the John F. Kennedy Space Center (KSC), Brevard County, Florida, with a Reassessment of the Existing National Register of Historic Places LC-39 Site, NASA KSC, 1998.*
- Jenkins, Dennis R. *Space Shuttle, The History of the National Space Transportation System. The First 100 Missions.* Hong Kong: World Print Ltd., 2001.
- National Aeronautics and Space Administration. *America's Spaceport: John F. Kennedy Space Center*, n.d.a
- National Aeronautics and Space Administration. *Countdown! NASA Space Shuttles and Facilities.* IS-2005-06-017-KSC, n.d.b
- National Aeronautics and Space Administration. *Technical Facilities Catalog* [NHB 8800.5 (II)], March 1967.
- National Aeronautics and Space Administration. *Technical Facilities Catalog* [NHB 8800.5A (II)], October 1974.
- National Aeronautics and Space Administration. *Space Shuttle Launch Support Equipment Data Handbook*, Engineering Development Directorate, KSC-DD-186 Revision A, March 30, 1993.
- National Aeronautics and Space Administration. *Facts: John F. Kennedy Space Center*, 1994.
- National Aeronautics and Space Administration. *Basic Information Guide/KSC GP-14-2, KSC Master Planning*, October 2000.

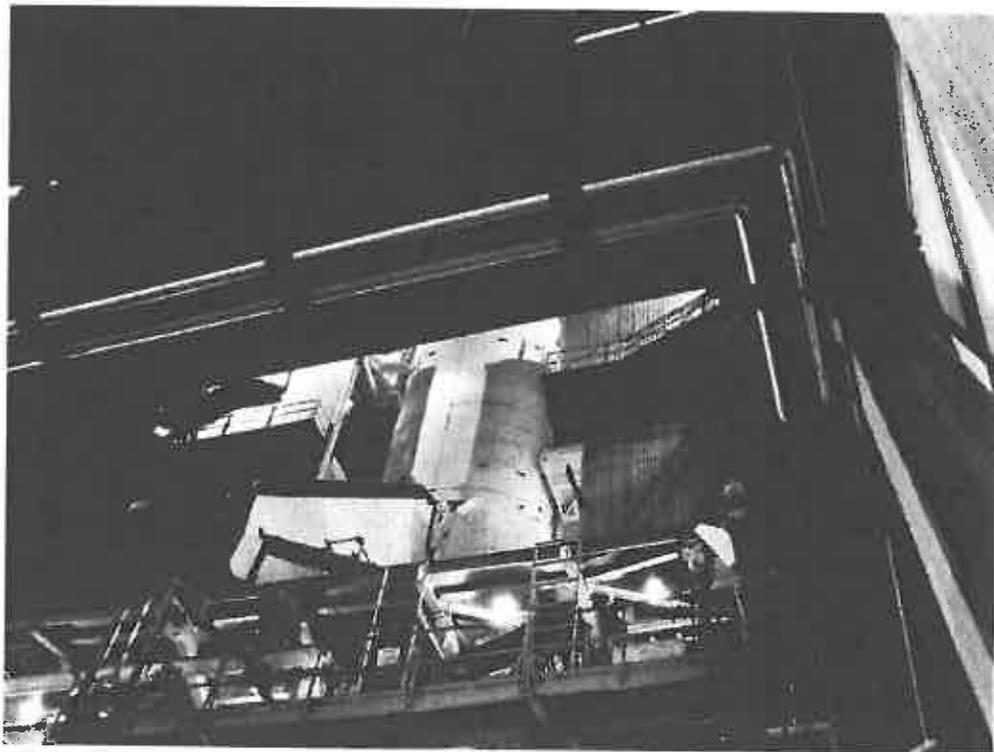
Websites

- "Space Shuttle: Orbiter Processing"
<http://www-pao.ksc.nasa.gov/kscpao/nasafact/pdf/OrbiterProcessing06.pdf>

PHOTOGRAPHS



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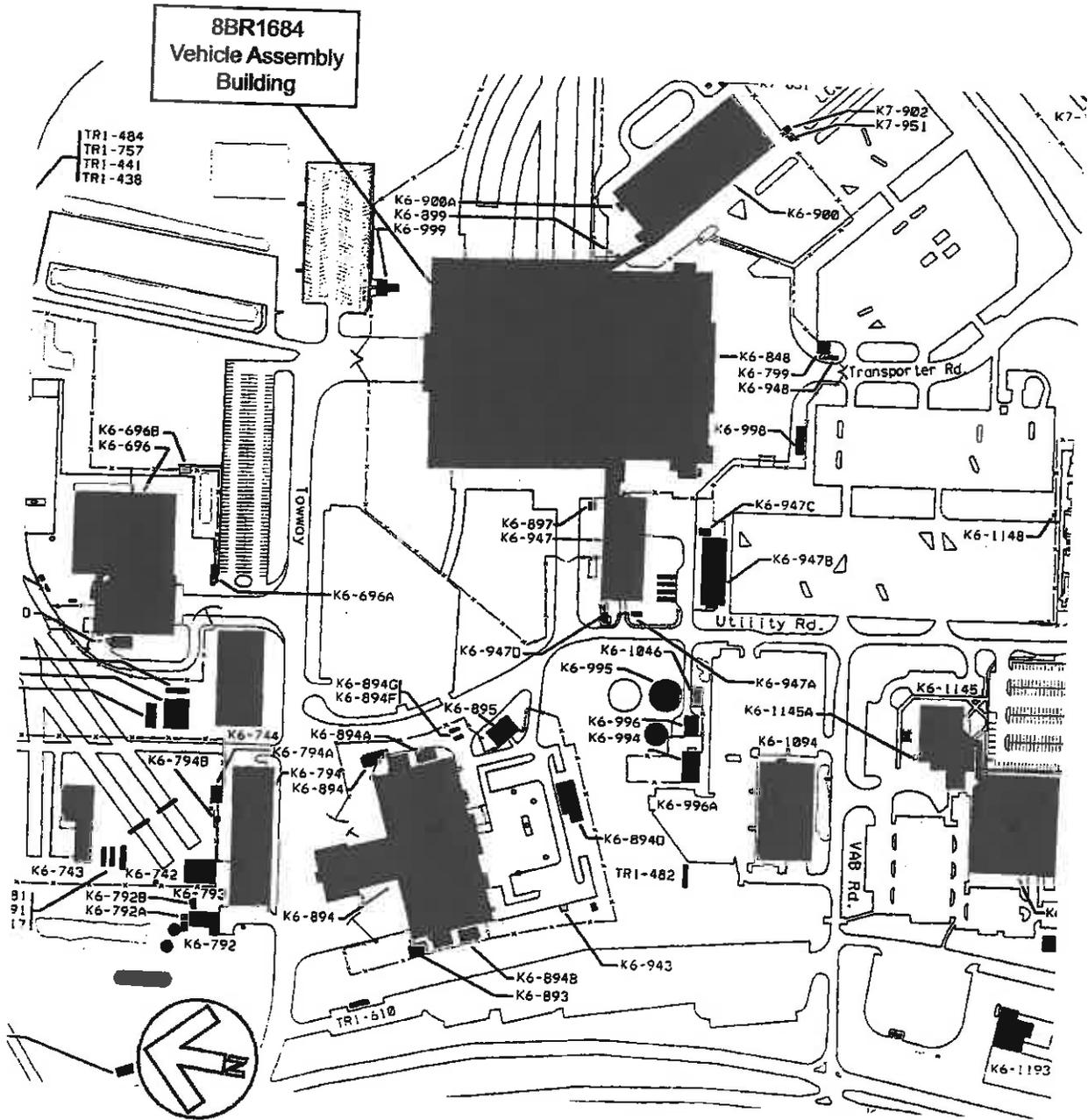


HISTORICAL STRUCTURE FORM

Site #8 BR1684

STREET OR PLAT MAP

Source: NASA John F. Kennedy Space Center,
Facility Utilization Chart,
July 1, 1995,
Chart F



USGS MAP

Township 22 South, Range 37 East, Section 7
Orsino, Fla. 1976

