

# HISTORICAL STRUCTURE FORM FLORIDA MASTER SITE FILE

Version 3.0 11/96

Consult Guide To Historical Structure Forms for detailed instructions.

Site #8 BR1997

Recorder # 2-90

Field Date 7/27/06

Form Date 10/4/06

Original  
 Update  
(give site #)

Site Name(s) (address if none) Rotation/Processing Building 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 # K6-494, 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, Fla. 1976  
Township 22S Range 37E Section 07 1/4 section:  NW  SW  SE  NE  Irregular-name: \_\_\_\_\_  
Landgrant \_\_\_\_\_ UTM: Zone  16  17 Easting 533816 Northing 3162511  
Plat or other map (map's name, location) \_\_\_\_\_

## DESCRIPTION

Style\* Industrial Vernacular Exterior Plan\* rectangular Number of Stories 1  
Structural System(s)\* structural steel  
Foundation: Type(s)\* slab Material(s)\* poured concrete  
Exterior Fabric(s)\* metal siding  
Roof: Type(s)\* flat Material(s)\* built-up  
Roof secondary strucs. (dormers etc.)\* \_\_\_\_\_  
Chimney: No \_\_\_\_\_ Material(s)\* \_\_\_\_\_ Location(s)\* \_\_\_\_\_  
Windows (types, materials, etc.)\* n/a  
Main Entrance (stylistic details) double, 1-light metal swing doors-north elevation  
Porches: #open \_\_\_\_\_ #closed \_\_\_\_\_ #ncised \_\_\_\_\_ Location(s) \_\_\_\_\_  
Porch roof type(s) \_\_\_\_\_  
Exterior Ornament \_\_\_\_\_

Interior Plan\* open  
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)  
two surge (storage) facilities, one to northeast, one to east; support facility to north

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 elig. <input type="checkbox"/> insufficient info Date _____
	LOCAL DESIGNATION: _____ Date _____
	Local office _____
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

Site # 8 BR1997

Consult Guide to Historical Structure Forms for detailed instructions

## HISTORY

Construction date: Exactly \_\_\_\_\_ (year) Approximately 1984 \_\_\_\_\_ (year) Earlier than \_\_\_\_\_ (year) Later than \_\_\_\_\_ (year)

Architect (last name first): Daniel, Mann, Johnson, & Mendenhall Builder (last name first): unknown

Moves:  yes  no  unknown Dates \_\_\_\_\_ Original address \_\_\_\_\_

Alterations:  yes  no  unknown Dates \_\_\_\_\_ Nature\* \_\_\_\_\_

Additions:  yes  no  unknown Dates \_\_\_\_\_ Nature\* \_\_\_\_\_

Original Use\* (give date ranges) OTHER: Rotation of SRB segments

Intermediate Uses\* (give date ranges) OTHER: Rotation of SRB segments

Present Use\* (give date ranges) OTHER: Rotation of SRB segments

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 checked="" 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 \_\_\_\_\_

Partial 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 90-104; Roll 3, photos 24-25.

## RECORDER

Name (last name first)/Address/Phone/Fax/Email/Affiliation Slovinac, Patricia 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 Rotation/Processing Building is considered individually eligible for listing in the NRHP in the context of the U.S. Space Shuttle Program (1969-2010) under Criteria A and C in the areas of Space Exploration and Engineering, respectively. Because the facility has achieved significance within the past 50 years, Criteria Consideration G applies. The Rotation/Processing Building was specifically designed for the purpose of rotating the SRB segments, an operation vital to the preparation of the launch vehicle for its mission. The Rotation/Processing Building is in excellent condition and maintains integrity of location, design, setting, materials, workmanship, feeling, and association.

## CONTINUATION SHEET

**Bibliographic References:**

Anonymous. "KSC Complex 39 Reshaped for Role in the Shuttle Era." *Marshall Star*, July 6, 1977: 2.

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. *Facts: John F. Kennedy Space Center*, 1994.

National Aeronautics and Space Administration. *Basic Information Guide/KSC GP-14-2*, KSC Master Planning, October 2000.

**Spaceport News**

"Inside SRB Refurbishment." July 20, 2001, page 5.

"New SRB Facility Dedicated at KSC." Volume 25, No. 16, August 15, 1986:1, 8.

**Interviews**

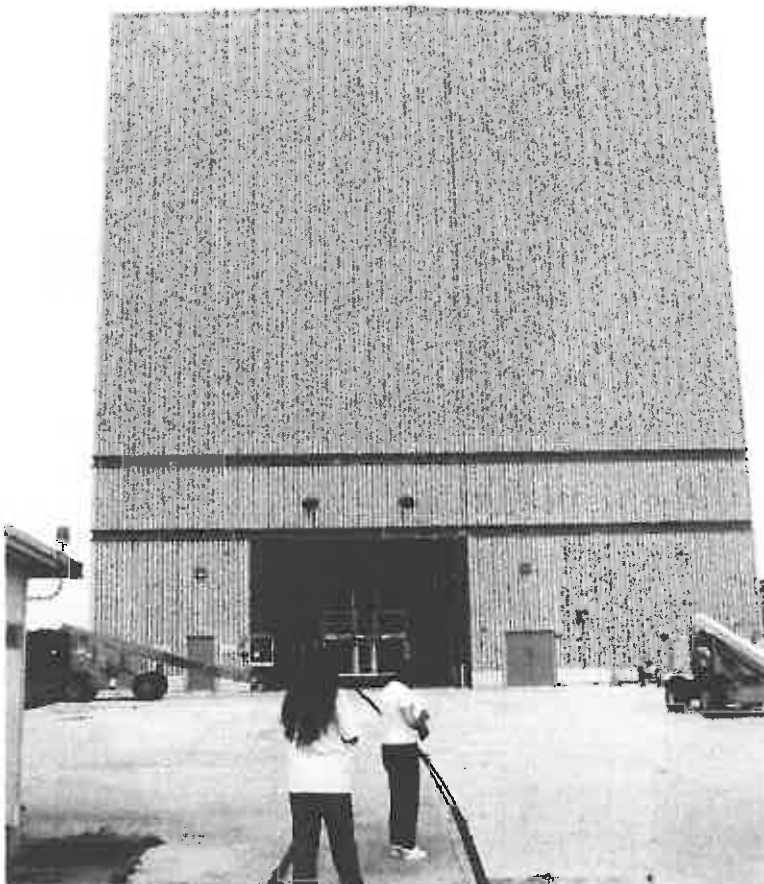
Seelos, Lynn. Manager of Rotation Processing and Surge Facility Operations, United Space Alliance, interview by authors, 25 July 2006, Kennedy Space Center, FL.

**Websites**

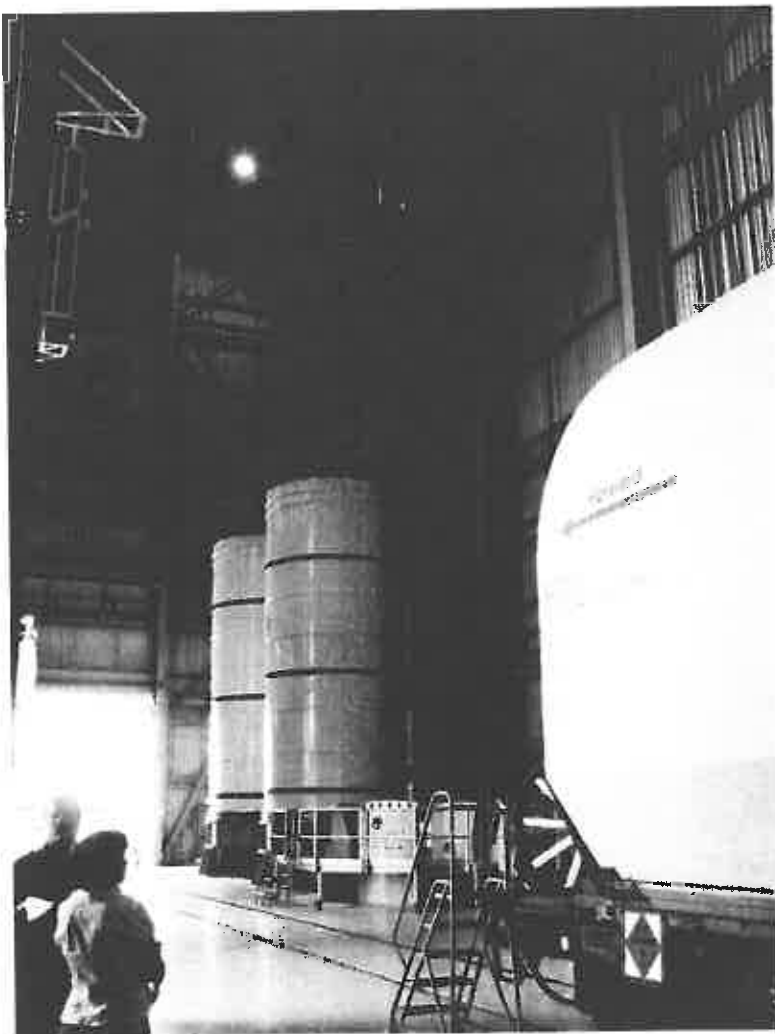
"Shuttle Booster Rocket Recovery."  
<http://www.aero.com/publications/parachutes/9608/pc0896.htm>.

"SRB Processing Area Map." <http://www-de.ksc.nasa.gov/dedev/maps/srbmlp.html>.

**PHOTOGRAPHS**



**PHOTOGRAPHS**





USGS MAP

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

