

# HISTORICAL STRUCTURE FORM FLORIDA MASTER SITE FILE

Site #8 BR1688  
Recorder # 3-20  
Field Date 7/27/06  
Form Date 10/5/06

Version 3.0 11/96

Consult Guide To Historical Structure Forms for detailed instructions.

Original  
 Update  
(give site #)

Site Name(s) (address if none) Missile Crawler Transporter Facilities 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.) parked within the 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 07 1/4 section:  NW  SW  SE  NE  Irregular-name: \_\_\_\_\_  
Landgrant \_\_\_\_\_ UTM: Zone  16  17 Easting \_\_\_\_\_ Northing \_\_\_\_\_  
Plat or other map (map's name, location) \_\_\_\_\_

## DESCRIPTION

Style\* n/a Exterior Plan\* n/a Number of Stories n/a  
Structural System(s)\* steel  
Foundation: Type(s)\* n/a Material(s)\* \_\_\_\_\_  
Exterior Fabric(s)\* n/a Material(s)\* \_\_\_\_\_  
Roof: Type(s)\* n/a Material(s)\* \_\_\_\_\_  
Roof secondary strucs. (dormers etc.)\* \_\_\_\_\_  
Chimney: No. \_\_\_\_\_ Material(s)\* \_\_\_\_\_ Location(s)\* \_\_\_\_\_  
Windows (types, materials, etc.)\* n/a  
Main Entrance (stylistic details) n/a  
Porches: #open \_\_\_\_\_ #closed \_\_\_\_\_ #incised \_\_\_\_\_ Location(s) \_\_\_\_\_  
Porch roof type(s) \_\_\_\_\_  
Exterior Ornament n/a  
Interior Plan\* n/a  
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)  
n/a

Archaeological Remains no  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		Date
NR DATE	KEEPER-NR ELIGIBILITY: <input type="checkbox"/> yes <input type="checkbox"/> no	_____
	SHPO-NR ELIGIBILITY: <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> potentially elig. <input type="checkbox"/> insufficient info	_____
DELIST DATE	LOCAL DESIGNATION:	_____
	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)	

HR6E06308-96 Florida Master Site File/Division of Historical Resources/R.A. Gray Building/500 South Bronough Street, Tallahassee, FL 32399-0250  
Phone (904) 487-2299/Suncom 277-2299/Fax (904) 921-0372/E-mail fmsfile@mail.dos.state.fl.us  
Computer File P:\FSF\DOCS\FORMS\ISS\_FORM\_V3.DOC

# HISTORICAL STRUCTURE FORM

Site # 8 BR1688

Consult Guide to Historical Structure Forms for detailed instructions

## HISTORY

Construction date: Exactly \_\_\_\_\_ (year) Approximately 1965 (year) Earlier than \_\_\_\_\_ (year) Later than \_\_\_\_\_ (year)

Architect (last name first): Marion (Ohio) Power Shovel Co. Builder (last name first): Marion (Ohio) Power Shovel Co.

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: transport Apollo launch vehicle to launch pads and VAB

Intermediate Uses\* (give date ranges) OTHER: transport Apollo and Space Shuttle launch vehicle to launch pads and VAB

Present Use\* (give date ranges) OTHER: transport Space Shuttle launch vehicle to launch pads and VAB

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)

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

## 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 3, photos 20-23.

## 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 Missile Crawler Transporter Facilities (Crawlers) were listed in the NRHP on January 21, 2000. Originally nominated in the context of the Apollo Program, ca. 1961 through 1975, the Crawlers have since gained importance in the context of the Space Shuttle program, ca. 1969 to 2010. They are significant at the national level under NRHP Criterion A in the areas of Transportation and Space Exploration, and under Criterion C in the area of Engineering. Because the Crawlers have achieved significance within the past 50 years, Criteria Consideration G applies. The Crawlers are unique and are used only as transporters for space vehicles. They have provided continuous service to the nation's space programs since the 1960s, and today play a vital role in the Space Shuttle Program by moving the Shuttle to the pad in preparation for launch.

In 1977, the Missile Crawler Transporter Facilities were designated National Historic Mechanical Engineering Landmarks by the American Society of Mechanical Engineers.

## CONTINUATION SHEET

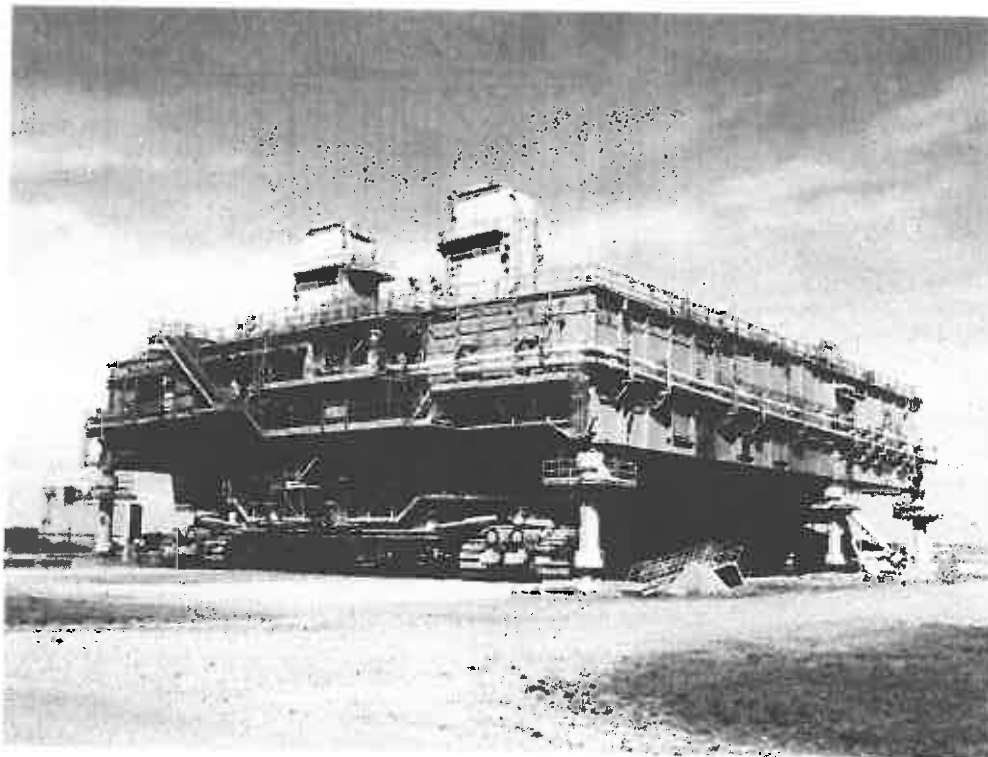
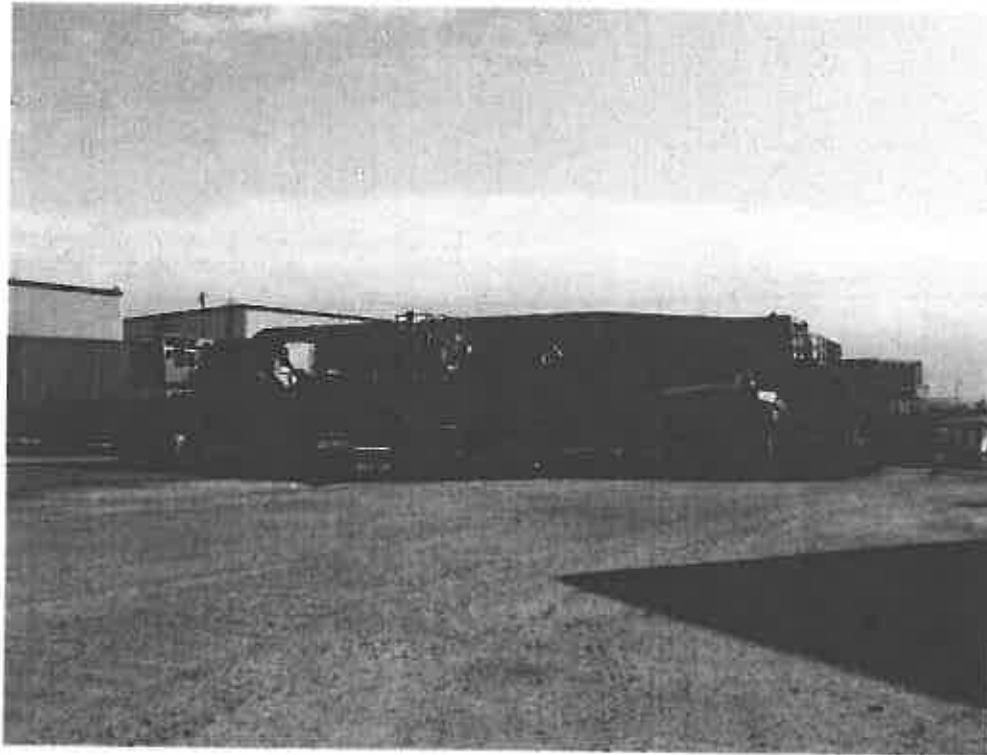
**Bibliographic References:**

- 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**

- "Crawler Transporters"  
<http://www-pao.ksc.nasa.gov/kscpao/nasafact/pdf/crawlertransporters2006.pdf>
- "Space Shuttle Rollout to the Pad"  
<http://www-pao.ksc.nasa.gov/kscpao/nasafact/pdf/SSRollout-06.pdf>

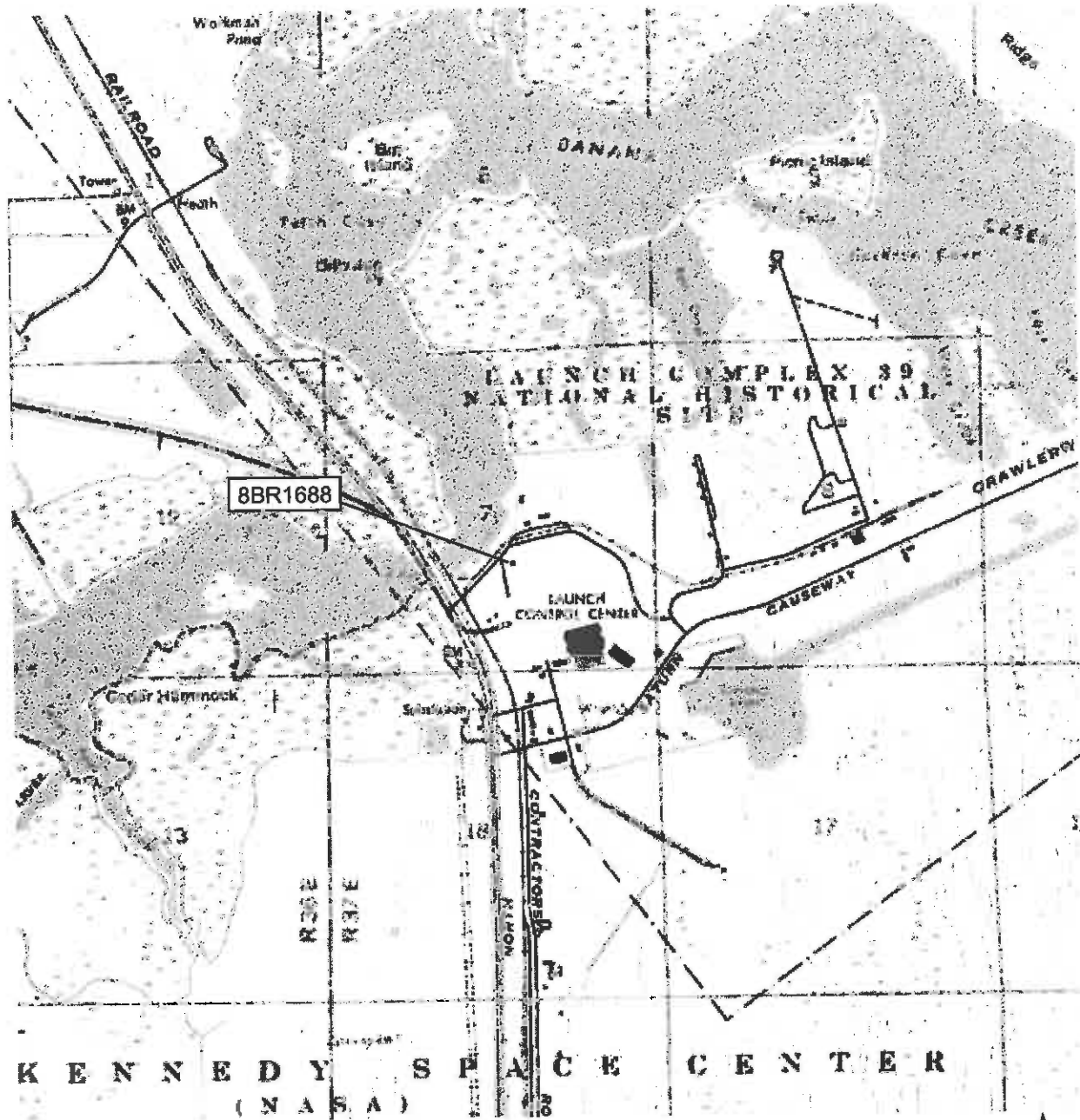
**PHOTOGRAPHS**





USGS MAP

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



0 0.5 1 mile

