

HISTORICAL STRUCTURE FORM FLORIDA MASTER SITE FILE Version 4.0 1/07

Site #8 BR01988
Field Date 4-12-2010
Form Date 4-11-2011
Recorder # _____

Original
 Update

Shaded Fields represent the minimum acceptable level of documentation.
Consult the *Guide to Historical Structure Forms* for detailed instructions.

Site Name(s) (address if none) Landing Aids Control Building (LACB) Multiple Listing (DHR only) _____
Survey Project Name HAER Documentation: Shuttle Landing Facility Survey # (DHR only) _____
National Register Category (please check one) building structure district site object
Ownership: private-profit private-nonprofit private-individual private-nonspecific city county state federal Native American foreign unknown

LOCATION & MAPPING

Street Number J6-2313 Direction _____ Street Name Shuttle Landing Facility Street Type _____ Suffix Direction _____
Address: _____
Cross Streets (nearest / between) _____
USGS 7.5 Map Name ORSINO USGS Date 1976 Plat or Other Map _____
City / Town (within 3 miles) Titusville In City Limits? yes no unknown County Brevard
Township 22S Range 36E Section 01 1/4 section: NW SW SE NE Irregular-name: _____
Tax Parcel # N/A Landgrant _____
Subdivision Name _____ Block _____ Lot _____
UTM Coordinates: Zone 16 17 Easting 531420 Northing 3163701
Other Coordinates: X: _____ Y: _____ Coordinate System & Datum _____
Name of Public Tract (e.g., park) _____

HISTORY

Construction Year: 1976 approximately year listed or earlier year listed or later
Original Use Other From (year): _____ To (year): _____
Current Use Other From (year): _____ To (year): _____
Other Use _____ From (year): _____ To (year): _____
Moves: yes no unknown Date: _____ Original address _____
Alterations: yes no unknown Date: _____ Nature _____
Additions: yes no unknown Date: _____ Nature _____
Architect (last name first): Greiner Engineering Services Builder (last name first): Reinhold Construction Company
Ownership History (especially original owner, dates, profession, etc.) National Aeronautics and Space Administration

Is the Resource Affected by a Local Preservation Ordinance? yes no unknown Describe _____

DESCRIPTION

Style Industrial Vernacular Exterior Plan Rectangular Number of Stories 1
Exterior Fabrc(s) 1. Concrete block 2. _____ 3. _____
Roof Type(s) 1. Built-up 2. _____ 3. _____
Roof Material(s) 1. Built-up 2. _____ 3. _____
Roof secondary strucs. (dormers etc.) 1. _____ 2. _____
Windows (types, materials, etc.) 1-light fixed, metal, independent

Distinguishing Architectural Features (exterior or interior ornaments) _____

Ancillary Features / Outbuildings (record outbuildings, major landscape features; use continuation sheet if needed.) hangar to south

DHR USE ONLY		OFFICIAL EVALUATION	DHR USE ONLY	
NR List Date	SHPO - Appears to meet criteria for NR listing: <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> insufficient info	Date _____	Init. _____	
<input type="checkbox"/> Owner Objection	KEEPER - Determined eligible: <input type="checkbox"/> yes <input type="checkbox"/> no	Date _____		
	NR Criteria for Evaluation: <input type="checkbox"/> a <input type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/> d (see <i>National Register Bulletin</i> 15, p. 2)			

DESCRIPTION (continued)

Chimney: No. _____ Chimney Material(s): 1. _____ 2. _____
 Structural System(s): 1. Concrete block 2. _____ 3. _____
 Foundation Type(s): 1. Slab 2. _____
 Foundation Material(s): 1. Poured Concrete Footing 2. _____
 Main Entrance (stylistic details) double 1-light metal swing door on northwest elevation

Porch Descriptions (types, locations, roof types, etc.) 1 inset, northwest elevation (main entrance); 1 inset, southeast elevation; 1 inset, northeast elevation

Condition (overall resource condition): excellent good fair deteriorated ruinous
 Narrative Description of Resource see attached

Archaeological Remains _____ Check if Archaeological Form Completed

RESEARCH METHODS (check all that apply)

- | | | | |
|--|--|--|--|
| <input checked="" type="checkbox"/> FMSF record search (sites/surveys) | <input checked="" type="checkbox"/> library research | <input type="checkbox"/> building permits | <input type="checkbox"/> Sanborn maps |
| <input type="checkbox"/> FL State Archives/photo collection | <input type="checkbox"/> city directory | <input checked="" type="checkbox"/> occupant/owner interview | <input type="checkbox"/> plat maps |
| <input type="checkbox"/> property appraiser / tax records | <input checked="" type="checkbox"/> newspaper files | <input type="checkbox"/> neighbor interview | <input type="checkbox"/> Public Lands Survey (DEP) |
| <input checked="" type="checkbox"/> cultural resource survey (CRAS) | <input checked="" type="checkbox"/> historic photos | <input checked="" type="checkbox"/> interior inspection | <input type="checkbox"/> HABS/HAER record search |
| <input type="checkbox"/> other methods (describe) _____ | | | |

Bibliographic References (give FMSF manuscript # if relevant, use continuation sheet if needed) see attached

OPINION OF RESOURCE SIGNIFICANCE

Appears to meet the criteria for National Register listing individually? yes no insufficient information
 Appears to meet the criteria for National Register listing as part of a district? yes no insufficient information
 Explanation of Evaluation (required, whether significant or not; use separate sheet if needed) see attached

Area(s) of Historical Significance (see *National Register Bulletin 15*, p. 8 for categories: e.g. "architecture", "ethnic heritage", "community planning & development", etc.)
 1. Other 3. _____ 5. _____
 2. Transportation 4. _____ 6. _____

DOCUMENTATION

Accessible Documentation Not Filed with the Site File - including field notes, analysis notes, photos, plans and other important documents

1) Document type <u>All materials at one location</u>	Maintaining organization <u>Archaeological Consultants Inc</u>
Document description _____	File or accession #'s <u>P90261</u>
2) Document type _____	Maintaining organization _____
Document description _____	File or accession #'s _____

RECORDER INFORMATION

Recorder Name Slovinac, Trish Affiliation Archaeological Consultants Inc
 Recorder Contact Information 8110 Blaikie Court, St A, Sarasota, FL 34240/941-379-6206/ACIFloridaAcomcast.net
 (address / phone / fax / e-mail)

Required Attachments	① USGS 7.5' MAP WITH STRUCTURE LOCATION PINPOINTED IN RED
	② LARGE SCALE STREET, PLAT OR PARCEL MAP (available from most property appraiser web sites)
	③ PHOTO OF MAIN FACADE, ARCHIVAL B&W PRINT OR DIGITAL IMAGE FILE If submitting an image file, it must be included on disk or CD AND in hard copy format (plain paper is acceptable). Digital image must be at least 1600 x 1200 pixels, 24-bit color, jpeg or tiff.

CONTINUATION SHEET**Narrative Description:**

The LACB is a single story rectangular structure located at the southeast corner of the parking apron adjacent to the SLF. It is 17 ft in height and measures approximately 80 ft by 58 ft, encompassing an area of approximately 4,650 ft². The operations room occupies the northwest corner of the building. Both the north and west walls contain two large fixed windows which provide views of the runway as well as the Mate-Demate Device. Computer and radar screens sit along these walls as well. A counter to the south separates the control area from the remainder of the room, which serves as a waiting/lounge area. A hangar for support equipment and shuttle training aircraft is situated to the southwest.

Explanation of Evaluation:

The Landing Aids Control Building is considered eligible for listing in the NRHP in the context of the U.S. Space Shuttle Program (1969-2010) under Criterion A in the areas of Space Exploration and Transportation. Because it has achieved significance within the past 50 years, Criteria Consideration G applies. As the control center for flight operations which support the landing of the Shuttle Orbiter, this facility is an essential component in the Space Shuttle Program. First and foremost is the role it plays in the orbiter's safe return to Earth. It is the main organizational point for the safety and rescue teams who assist in the transfer of the astronauts from the orbiter to the Crew Transportation Vehicle and prepare the vehicle for transfer to the Orbiter Processing Facility. It also aides the Shuttle Training Aircraft program by coordinating sessions for the astronauts to practice landing on the runway. Finally, it manages the transport of the orbiter on its Boeing 747 carrier, should it land at another NASA Center or need to travel to another center for rehabilitation. The LACB maintains a high level of integrity with regards to location, design, setting, materials, workmanship, feeling and association.

The LACB is also considered a contributing resource to the Shuttle Landing Facility Area Historic District (8BR1986).

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.

Liston, Elaine and Dawn Elliott. *History of the Shuttle Landing Facility at Kennedy Space Center*. Proceedings of the 2003 Space Congress, 2003.

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.

National Aeronautics and Space Administration, Kennedy Space Center, NASA Facts. *Landing the Space Shuttle Orbiter*. FS-2005-08-026-KSC, 2006.

Websites

"Countdown! NASA Launch Vehicles and Facilities, Shuttle Landing Facility." NASA Facts Online. John F. Kennedy Space Center, 2000.
<http://www-pao.ksc.nasa.gov/kscpao/nasafact/count3slf.htm>

"Shuttle Landing Facility (SLF)." <http://science.ksc.nasa.gov/facilities/slf.html>

PHOTOGRAPHS



HISTORICAL STRUCTURE FORM

STREET OR PLAT MAP

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

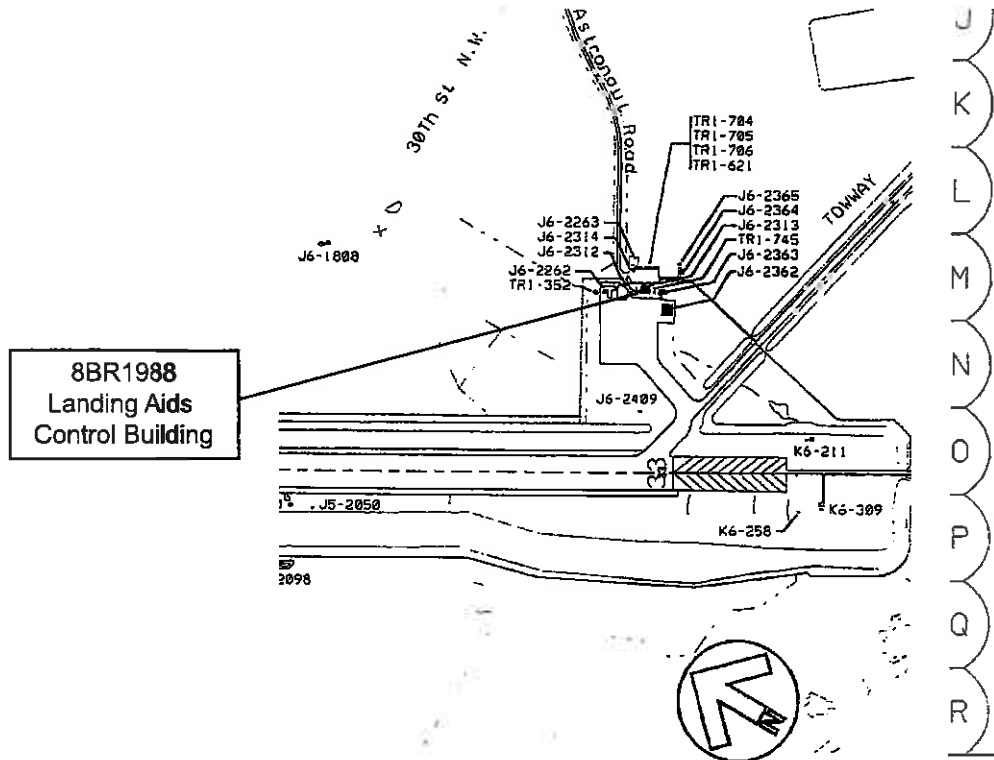


CHART B

USGS MAP

Township 22 South, Range 36 East, Section 1
Orsino, Fla. 1976

