

SHUTTLE PILOT TRAINING AND LANDING AID DEVELOPMENT

SUMMARY

The main goal of the White Sands Space Harbor (WSSH) is to provide all assets needed to simulate actual shuttle landing facilities in the United States and overseas landing facilities.

CAPABILITIES

WSSH can simulate any runway configuration in the space shuttle program with the following services:

- Microwave Landing Systems
- Tactical Air Navigation (TACAN) Sets
- Precision Approach Path Indicators
- Inter Glide Slope Indicators
- Distance to go Indicators
- Xenons
- Global Position System Coordinates
- Sideline Indicators
- Centerline Indicators
- Approach Light Array Information

We also provide runways simulating Edwards, Kennedy Space Center (KSC), and Transoceanic Abort Landing (TAL) Facilities. Our operational runways at WSSH are RW/17-35 and RW/23-05. Each is 35,000 ft long and 300 ft wide. Both are marked for 15,000 ft with 10,000 ft over runs on each end. They also have an extended sideline of 50 to 300 ft.

WSSH is used for other range projects and aircraft recovery when needed. We also are used as a Shuttle Landing Facility; we have equipment to handle a landing and to assist KSC in turnaround of space shuttle missions. WSSH also has all the heavy equipment and personnel to maintain the 100-sq. mi. area which makes up the facility

CONTACT

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