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KSC SPACE SHUTTLE STATUS REPORT
Monday, November 13, 1995

Vehicle: [OV-105/Endeavour](#)
Mission number: STS-72
Location: OPF Bay 3
Primary payload: Space Flyer Unit retrieval/OAST-free flyer
Astronauts: 6
Orbital altitude: 288 statute miles
Inclination: 28.45 degrees
Mission Duration: 8 days, 22 hours, 36 minutes
Launch date: Jan. 11 4:18 a.m. EST
[Landing](#) date: Jan. 20 2:54 a.m. EST

STS-72 IN WORK TODAY:

- Installation of main engine heat shields
- Electrical hook-ups of left orbital maneuvering system pod
- Payload Interface Verification Test (IVT)
- Landing gear electrical trouble-shooting

STS-72 WORK SCHEDULED:

- Interface Verification Test of left orbital maneuvering system pod (Wed.)
- Rollover to Vehicle Assembly Building (Nov. 29)

STS-72 WORK COMPLETED:

- Installed left orbital maneuvering system pod
- Installed three Space Shuttle Main Engines
- In VAB, established electrical connections between external tank and [solid rocket booster](#) stack

STS-75/[OV-102 Columbia](#)

OPF Bay 2

The USML-2 laboratory has been removed from the payload bay and returned to the Operations and Checkout Building for deintegration. Removal of the Spacelab tunnel adapter is underway today. Window inspection and evaluation is underway. At this time a tentative decision has been made to remove and replace window No. 1. Preparations are underway for the upcoming orbiter hypergolic fuel deservicing.

[STS-74/OV-104 Atlantis](#)

(on-orbit)

The liftoff of Space Shuttle Atlantis occurred at the opening of the launch window as desired. The official liftoff time from [Pad 39-A](#) was 07:30:43.071 a.m. EST. The initial evaluation of the performance data from the three main engines and two solid rocket boosters has shown nominal performance with no apparent concerns. Launch damage at the pad was not unusual. Offshore, the sea conditions for solid rocket booster recovery were 7 - 10 feet and the booster recovery operations by the [ships](#) Liberty and Freedom went well. The boosters are currently in tow and are expected at the Port Canaveral Jetty at 3 p.m. EST.

KSC 24-Hour Weather Summary

[Shuttle Landing Facility](#)-7:00 a.m.

Today's minimum temperature: 56 degrees
Yesterday's maximum temperature: 69 degrees
Lowest relative humidity: 57 percent
Peak wind speed/direction: 40 mph/NE
Precipitation: 0
Total monthly precipitation: .89 inches
Barometric pressure: 30.01 inches

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