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KENNEDY SPACE CENTER SPACE SHUTTLE STATUS REPORT  
Thursday, April 13, 1995

Vehicle: OV-104/Atlantis  
Mission number: [STS-71](#)  
Location: OPF Bay 3  
Primary payload: Spacelab-MIR  
Astronauts: 7 up, 8 down  
Orbital altitude: 196-245 statute miles  
Inclination: 51.6 degrees  
Mission Duration: 10 days, 19 hours, 31 minutes  
Launch date: June 10 NET  
Landing date: June 20

STS-71 IN WORK:

- Spacelab MIR laboratory final cleaning
- Removal of Spacelab access platforms
- Attachment of flags and mission emblem to Spacelab module exterior
- Orbiter mid-body closeouts
- Aft main engine compartment closeouts

STS-71 WORK SCHEDULED:

- Install aft compartment flight doors (tonight)
- Close payload bay doors (Friday)
- Positive pressure test of orbiter (Friday)
- Begin weight and center of gravity determination (Monday)
- Transfer orbiter to VAB and mate to ET/SRB stack (Apr. 19)

STS-71 WORK COMPLETED:

- Crew compartment/Spacelab-Mir pressure decay test
- Spacelab-MIR experiment and support equipment stowage

Issues and Concerns: None

Discovery/OV-103 ([STS-70](#)/TDRS-G)  
OPF Bay 2

In the Vehicle Assembly Building, the external tank is being mated to the solid rocket booster stack today. On Discovery, maintenance and checkout of the cabin air recirculation system is being performed. Potable water servicing is underway. Preparations continue for installation of the three main engines which is tentatively scheduled to begin Monday. In the Vertical Processing Facility, the TDRS-G Tracking and Data Relay Satellite was mated to the Inertial Upper Stage booster yesterday.

Endeavour/OV-105 (STS-69) Wake Shield Facility/USMP  
OPF Bay 1

Removal of the three main engines is complete and the extended duration orbiter pallet has been removed. Work to remove and replace fuel cell No. 2 is in work. Testing of the flash evaporator system is scheduled to begin today.

OV-102/Columbia Ferry Flight

Due to concerns about the possibility of afternoon thunderstorms today after Columbia's proposed return to KSC, a decision has been made to reschedule Columbia's departure from Houston until Friday. Departure is currently planned for 9 a.m. Eastern time with an arrival at the KSC Shuttle Landing Facility projected to occur at 12 o'clock Noon.

KSC 24-Hour Weather Summary

Today's minimum temperature: 79 degrees  
Yesterday's maximum temperature: 66 degrees  
Lowest relative humidity: 60 percent  
Peak wind speed/direction: 25 mph/SE  
Precipitation as of 7 a.m.: 0 inches  
Total April precipitation: .86 inches

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