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SPACE SHUTTLE STATUS REPORT  
Tuesday, December 20, 1994

Mission number: [STS-63](#)

Vehicle: OV-103/Discovery  
Location: OPF Bay 2  
Orbital altitude: 247 sm  
Primary payload: Spacehab-3/Spartan  
Inclination: 51.6 degrees  
Launch date: Feb. 2 12:49 a.m.  
Landing: Feb. 10  
Mission duration: 8 days, 6 hrs. 13 min.  
Crew Size: 6

STS-63 IN WORK:

- checkout of replacement auxiliary power unit No. 2
- aft main engine compartment structural leak check
- orbital maneuvering system/reaction control system closeouts
- main engine No. 1 nozzle testing and analysis
- closeouts of crew compartment

STS-63 WORK SCHEDULED:

- preparations to conclude work for the 10-day holiday period
- rollover to the VAB on or about Jan. 4
- rollout to Pad 39-B on or about Jan. 11

STS-63 WORK COMPLETED:

- aft main engine compartment closeouts
- orbiter mid-body closeouts
- closure of payload bay doors for flight
- electrical testing of orbital maneuvering system and reaction control sytem

ENDEAVOUR ([STS-67](#)) Astro-2

Installation of the main engines is continuing. Engine No. 1 was installed yesterday and Engine #2 is being installed today. Ku-band antenna testing will be completed today and the antenna will be stowed for flight tomorrow. Rework of the right orbital maneuvering system pod signal conditioner continues. Checkout and servicing of the water spray boilers is continuing and potable water servicing is also underway.

ATLANTIS (STS-71) MIR DOCKING

Hypergolic deservicing of the orbital maneuvering system and reaction control systems will conclude today. Troubleshooting of the flash evaporator system and the payload bay floodlight system is underway. Also in work is the main propulsion system helium leak and functional test. Preparations will begin to secure the orbiter for the holiday period tomorrow.

KSC 24-Hour Weather Summary

Today's minimum temperature: 52 degrees  
Yesterday's maximum temperature: 70 degrees  
Lowest relative humidity: 48 percent  
Peak wind speed: NNW-22 mph  
Precipitation as of 7 a.m.: 0 inches  
Total December precipitation: .64 inches

NOTE: Christmas holidays for the launch team begin Dec. 23 and extend until Jan. 3. There will be no orbiter processing activity during that time. No status reports will be issued.