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KSC SPACE SHUTTLE STATUS REPORT  
Friday, Oct. 27, 1995

Vehicle: [OV-104/Atlantis](#)  
Mission number: STS-74  
Location: [Pad 39-A](#)  
Primary payload: Russian MIR-2 Docking Module  
Astronauts: 5  
Orbital altitude: 196-245 statute miles  
Inclination: 51.6 degrees  
Mission Duration: 8 days, 5 hours, 4 minutes  
Launch date: Nov. 11 7:56 a.m. EST  
[Landing](#) date: Nov. 19 1:28 p.m. EST

STS-74 IN WORK TODAY:

Flight Readiness Test of flight controls, main engines and hydraulic systems  
Main engine controller testing

STS-74 WORK SCHEDULED:

Begin aft main engine compartment closeouts (Monday)  
Begin changeout of main engine turbine discharge sensors (Monday)  
Environmental purge of Russian MIR-2 Docking Module (Tuesday-Thursday)  
Payload bay door closure (Thursday night)

STS-74 WORK COMPLETED:

Russian MIR-2 Docking Module State of Health Check  
Helium signature leak test of main propulsion system  
Computer activation and loading of Mass Memory Units with flight software

STS-74 ISSUES AND CONCERNS: Based on a recent test done at Stennis Space Center in Mississippi, a decision has been made to remove for testing the main engine turbine discharge temperature transducers. A total of twelve sensors will undergo dye penetrant testing to inspect for cracks or other signs of stress. This activity will take approximately two days to complete and has no impact to other scheduled work.

STS-72/Endeavour  
OPF Bay 3

Installation of Endeavour's three main engines has been completed. Mechanical securing is underway and the electrical connections will be established next week. Window No. 5 has been reinstalled after polishing. The rollover of Endeavour to the Vehicle Assembly Building is targeted for Nov. 29. In the VAB, the left aft center booster segment has been remated. The left forward center will be mated on Monday. The external tank is scheduled to be attached to the [solid rocket boosters](#) on Nov. 9.

KSC 24-Hour Weather Summary

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

Today's minimum temperature: 69 degrees  
Yesterday's maximum temperature: 84 degrees  
Lowest relative humidity: 66 percent  
Peak wind speed/direction: 17 mph/N  
Precipitation: 0  
Total monthly precipitation: 7.58 inches  
Barometric pressure: 29.90

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