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KSC [SPACE SHUTTLE](#) STATUS REPORT
Friday, Jan. 12, 1996

Vehicle: [OV-102/Columbia](#)
Mission number: STS-75
Location: [OPF Bay 2](#)
Primary payload: Tethered Satellite-1R/USMP-3
Astronauts: 7
Orbital altitude: 184 statute miles
Inclination: 28.45 degrees
Mission Duration: 8 days, 22 hours, 36 minutes
Launch date: Feb. 22 3:08 p.m. EST
[Landing](#) date: Mar. 7 7:38 a.m. EST

STS-75 IN WORK TODAY:

- Orbiter mid-body closeouts
- Ammonia boiler servicing
- Coolant loop servicing
- Landing gear test cycles
- Nose gear thermal protection system closeouts
- Hydraulic system testing
- Final testing of TSS-1R in the Operations and Checkout Building

STS-75 WORK SCHEDULED NEXT WEEK:

- Changeout of hydrogen prevalve in feed line to Main Engine No. 1
- Close payload bay doors in preparation for rollover

STS-75 WORK COMPLETED:

- Testing of orbiter flight controls

STS-76/[OV-104 Atlantis](#)
OPF Bay 1
(MIR-3)

Among the activities recently complete are the [drag chute](#) installation, potable water servicing, installation of the waste containment system, and checkout of the lights in the orbiter docking system. A functional test of the orbiter docking system is in work today and polishing of windows No. 3 and No. 4 is being performed. In the [Vehicle Assembly Building](#), the forward center [solid rocket booster](#) segment is being mated to the left stack.

[STS-72](#)

The [solid rocket booster recovery ships](#) Liberty and Freedom returned to Hangar AF on Cape Canaveral Air Station this morning. Nothing unusual has been observed on either booster. "Quick-look" data from the solid rocket boosters and Endeavour's three [main engines](#) shows nominal performance.

KSC 24-Hour Weather Summary
[Shuttle Landing Facility](#) - 7:00 a.m.

Today's minimum temperature: 57 degrees
Yesterday's maximum temperature: 69 degrees
Lowest relative humidity: 28 percent
Peak wind speed/direction: 20 mph/S
Precipitation : .34 inches
Total monthly precipitation: 5.62 inches
Barometric pressure : 29.85 inches