

KENNEDY SPACE CENTER SPACE SHUTTLE STATUS REPORT  
MONDAY, JUNE 26, 1995 (11:18 AM EDT)

LAUNCH MINUS 1 DAY

MISSION: STS-71 -- 1st MIR DOCKING

VEHICLE: Atlantis/OV-104  
LOCATION: Launch Pad 39-A  
LAUNCH DATE: NET June 27  
LAUNCH TIME: 3:32 p.m. EDT  
LAUNCH WINDOW: 10 minutes  
KSC LANDING DATE/TIME: July 7 at 10:57 a.m.  
MISSION DURATION: 9 days, 19 hours, 24 minutes  
CREW SIZE: 7 up, 8 down  
ORBITAL ALTITUDE and INCLINATION: 196-245 statute miles/51.60 degrees

NOTE: The countdown for the launch of Atlantis on mission STS-71 on Tuesday at 3:32 p.m. EDT continues on schedule today. No serious technical issues are being worked by the management team and no problems are being reported from the pad. Workers are in the processing of drying several thrusters that were exposed to rain water over the weekend. This is not an issue that is expected to hinder countdown or launch procedures.

Operations are in work this morning to top-off the cryogenic reactants that service the orbiter’s fuel cells. The loading of these tanks on the orbiter is expected to be complete by about 2 p.m. today. Once this is done, the orbiter’s mid-body umbilical unit will be demated from the orbiter and retracted into the fixed service structure.

Later today, preparations will begin to retract the rotating service structure (RSS) to launch position. RSS move is set for about 11:30 p.m. today. Loading of the external tank with cryogenic propellants is scheduled to begin at about 6:15 a.m. tomorrow.

Air Force weather forecasters currently indicate a 70 percent probability of weather prohibiting launch on Tuesday. The primary concerns that have been persisting for the past several days are for a likelihood of thunderstorms and showers in the vicinity of Launch Pad 39-A. During Tuesday’s launch window, the winds at Pad A are expected to be from the east at 7-12 knots; temperature 83 degrees F; visibility 7 miles; and clouds scattered at 3,000 feet and broken 25,000 feet. The 24-hour and 48-hour forecasts reveal similar conditions and a 70 percent chance of violation each day. The tanking forecast for Tuesday is listed as a 10 percent chance of violation.

Today, the seven-member astronaut crew will be briefed on tomorrow’s launch weather outlook at KSC and the TAL sites in Spain and Africa. Also today, the crew will receive a final mission briefing and make last minute adjustments to their flight plans while completing their review of launch day activities. The crew remained at KSC over the weekend. The commander and pilot are scheduled to fly in the Shuttle Training Aircraft late this afternoon.

CREW FOR MISSION STS-71

Robert "Hoot" Gibson	Commander (CDR)
Charles Precourt	Pilot (PLT)
Ellen Baker	Mission Specialist (MS1)
Greg Harbaugh	Mission Specialist (MS2)
Bonnie Dunbar	Mission Specialist (MS3)
Anatoly Solovyev	Mir 19 Commander (MS4 - Ascent only)
Nikolai Budarin	Mir 19 Flight engineer (MS5 - Ascent only)
Vladimir Dezhurov	Mir 18 Commander (Entry only)
Gennady Strekalov	Mir 18 Flight engineer (Entry only)
Norm Thagard	Mir 18 Cosmonaut-Researcher (Entry only)

SUMMARY OF STS-71 LAUNCH DAY CREW ACTIVITIES

Tuesday, June 27

3:32 a.m.	Wake up
4 a.m.	Breakfast
* 10 a.m.	Lunch and crew photo
10:37 a.m.	Weather briefing (CDR, PLT, MS2)
10:37 a.m.	Don flight equipment (MS1, MS3, MS4, MS5)
10:47 a.m.	Don flight equipment (CDR, PLT, MS2)
* 11 a.m.	Crew suiting
* 11:17 a.m.	Depart for launch pad 39A
* 11:47 a.m.	Arrive at white room and begin ingress
* 1:32 p.m.	Close crew hatch
* 3:32.02 p.m.	Launch

\* Televised events -- times are subject to change