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KENNEDY SPACE CENTER [SPACE SHUTTLE](#) STATUS REPORT  
THURSDAY, MARCH 21, 1996 (11:30 AM EST)

LAUNCH MINUS 1 DAY

KSC Public Affairs Contact: [Bruce Buckingham](#) (fax 407-867-2692)  
E-mail: [Bruce.Buckingham-1@kmail.ksc.nasa.gov](mailto:Bruce.Buckingham-1@kmail.ksc.nasa.gov)

MISSION: [STS-76](#) -- 3rd MIR DOCKING & SPACEHAB

VEHICLE: [Atlantis/OV-104](#)

LOCATION: [Pad 39B](#)

LAUNCH DATE/TIME: March 22 at about 3:13 a.m. EST

LAUNCH WINDOW: 7 minutes

MISSION DURATION: 9 days, 3 hours, 50 minutes

MIR DOCKING: March 23 at about 9:34 p.m.

BEGIN SIX HOUR SPACEWALK: March 27 at about 12:45 a.m.

MIR UNDOCKING: March 28 at about 8:08 p.m.

TARGET [KSC LANDING](#) DATE/TIME: March 31 at about 7:03 a.m. EST

CREW SIZE: 6 up -- 5 down

ORBITAL ALTITUDE and INCLINATION: 184 statute miles/51.6 degrees

\*\*All times are EST

NOTE: The launch of Atlantis on mission STS-76 was postponed 24-hours yesterday as mission managers determined the high winds expected at KSC overnight would violate RTLS constraints at the [Shuttle Landing Facility](#). Winds at the pad were also approaching red-line limits. The postponement was announced yesterday at about 6:30 p.m. EST prior to the beginning of tanking operations at the [pad](#). Launch has been rescheduled for Friday, March 22, at about 3:13 a.m. at the opening of a 7-minute window.

(The launch team will target launch for no earlier than 3:12 a.m. on Friday. The exact time of launch will be announced about 90 minutes prior to lift-off, following final computation of the location of the Mir space station.)

Prior to [cryogenic](#) loading operations today, the Mission Management Team is scheduled to meet at 5:15 p.m. to discuss tomorrow's launch weather outlook. A final decision to proceed with tanking operations is expected at about 5:45 p.m. The three-hour tanking operation is scheduled to begin at about 5:50 p.m. Also, the [solid rocket booster recovery ships](#) have been deployed and will arrive on station later today.

Air Force weather forecasters are currently indicating only a 10 percent probability of weather prohibiting launch on Friday. The only concern is for the slight possibility of violating launch temperature constraints.

During Friday's 7-minute launch window, the winds at Pad B are expected to be from the west-northwest at 8-12 knots; temperature 43 degrees F; visibility 7 miles; humidity 60 percent; and stratocumulus cloud bases scattered at 5,000 feet. The 24-hour delay forecast indicates a 20 percent chance of violation.

[CREW](#) FOR MISSION STS-76

Commander (CDR):	Kevin Chilton
Pilot (PLT):	Richard Searfoss
Mission Specialist (MS1):	Ronald Sega
Mission Specialist (MS2):	Rich Clifford
Mission Specialist (MS3):	Linda Godwin
Mission Specialist (MS4):	Shannon Lucid

SUMMARY OF STS-76 LAUNCH DAY CREW ACTIVITIES

Thursday, March 21

4:30 p.m. Wake up  
5:00 p.m. Breakfast  
\* 10:08 p.m. Lunch and crew photo  
10:38 p.m. Weather briefing (CDR, PLT, MS2)  
10:38 p.m. Don launch and entry suits (MS1, MS3, MS4)  
10:48 p.m. Don launch and entry suits (CDR, PLT, MS2)  
\* 11:05 p.m. Crew suiting photo (estimated)  
\* 11:18 p.m. Depart for launch pad 39B  
\* 11:58 p.m. Arrive at [white room](#) and begin ingress

Friday, March 22

\* 1:13 a.m. Close crew hatch  
\* 3:13 a.m. [Launch](#)

\* Televised events (times may vary slightly)  
All times Eastern

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