GO TO THE *PREVIOUS* SPACE SHUTTLE STATUS REPORT

GO TO THE *NEXT* SPACE SHUTTLE STATUS REPORT

KENNEDY SPACE CENTER SPACE SHUTTLE STATUS REPORT
FRIDAY, MAY 19, 1995 (1:57 PM EDT)

MISSION: STS-70 -- TDRS-G

VEHICLE: Discovery/OV-103
LOCATION: Launch Pad 39-B
TARGET LAUNCH DATE: June 8
* LAUNCH TIME: 9:26 a.m. EDT
LAUNCH WINDOW: 2 hours, 30 minutes
* TARGET KSC LANDING DATE/TIME: June 16 at 8:43 a.m. (June 13 for 5 day flight)
* MISSION DURATION: 7 days, 22 hours (with option to shorten to 5 days)
CREW SIZE: 5
ORBITAL ALTITUDE and INCLINATION: 184 statute miles/28.45 degrees
* NOTE: Mission managers have agreed to a 9:26 a.m. EDT launch time for either an 8 or 5 day mission. The STS-70 mission duration will be determined by the Mission Management Team.

IN WORK TODAY:
  Preparations to resume payload end-to-end test and interface verification test on Saturday

WORK COMPLETED:
  Terminal Countdown Demonstration Test
  Helium signature test

KEY OPERATIONAL MILESTONES (dates are target only):
  Pre-launch hypergolic propellant load (May 22-23)
  Launch readiness review (May 23)
  Flight readiness review (May 26)
  Begin orbiter engine compartment close-outs (May 30)
  Close payload bay doors for flight (June 5)
  Countdown begins (June 5)

MISSION: STS-71 -- 1st MIR DOCKING

VEHICLE: Atlantis/OV-104
LOCATION: Launch Pad 39-A
TARGET LAUNCH DATE: June 22 (no earlier than)
APPROX. LAUNCH TIME: 5:32 p.m. EDT
LAUNCH WINDOW: 5 minutes
TARGET KSC LANDING DATE/TIME: July 3 at 1 p.m.
MISSION DURATION: 10 days, 19 hours, 31 minutes
CREW SIZE: 7 up, 8 down
ORBITAL ALTITUDE and INCLINATION: 196-245 statute miles/51.60 degrees

IN WORK TODAY:
  Preparations to remove and replace fuel turbo pump on main engine no. 3

WORK COMPLETED:
  Orbiter hydraulic connections
  Pre-launch hypergolic propellant load

KEY OPERATIONAL MILESTONES (dates are target only):
  Terminal Countdown Demonstration Test (May 24-25)
  Space Shuttle main engine flight readiness test (May 30)
  Flight readiness review (June 2)
  Begin orbiter engine compartment close-outs (June 6)

MISSION: STS-69 -- WSF-2 & SPARTAN 201-03

VEHICLE: Endeavour/OV-105
LOCATION: Orbiter Processing Facility bay 1
TARGET LAUNCH DATE/TIME: July 20 at 10:30 a.m.
LAUNCH WINDOW: 2 hours, 30 minutes
TARGET KSC LANDING DATE/TIME: July 31 at 7:15 a.m.
MISSION DURATION: 10 days, 21 hours
CREW SIZE: 5
ORBITAL ALTITUDE and INCLINATION: 190 statute miles/28.45 degrees

NOTE: Preparations are underway to remove and replace the right-hand orbital maneuvering system pod early next week. Work to disconnect the pod from the orbiter is underway.

KEY OPERATIONAL MILESTONES (dates are target only):
  Remove right hand orbital maneuvering system pod (May 23)
  Install Spartan payload into orbiter payload bay (May 24)
  Install replacement orbital maneuvering system pod (May 25)
  Crew equipment interface test (June 2)
  Roll orbiter to Vehicle Assembly Building (June 20)

MISSION: STS-73 -- U.S. MICROGRAVITY LABORATORY-2

VEHICLE: Columbia/OV-102
LOCATION: Orbiter Processing Facility bay 3
TARGET LAUNCH DATE/TIME: Sept. 21 at 10:37 a.m.
LAUNCH WINDOW: 2 hours, 30 minutes
TARGET KSC LANDING DATE/TIME: Oct. 7 at 8:31 a.m.
MISSION DURATION: 16 days
CREW SIZE: 7
ORBITAL ALTITUDE and INCLINATION: 167 statute miles/39 degrees

NOTE: The left hand orbital maneuvering system pod has been installed on the orbiter and connections are currently in work.

GO TO THE *STATUS REPORTS* HOME PAGE