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KENNEDY SPACE CENTER SPACE SHUTTLE STATUS REPORT
FRIDAY, JULY 28, 1995 (12:11 PM EDT)

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

VEHICLE: Endeavour/OV-105
LOCATION: Pad 39-A
TARGET LAUNCH DATE/TIME: August 5 at 10:45 a.m. EDT
LAUNCH WINDOW: 2 hours, 30 minutes
TARGET KSC LANDING DATE/TIME: August 16 at 7:14 a.m.
MISSION DURATION: 10 days, 20 hours, 29 minutes
CREW SIZE: 5
ORBITAL ALTITUDE and INCLINATION: 230 statute miles/28.45 degrees

NOTE: Mission managers will meet later today to discuss concerns with an O-ring seal on an internal joint in the nozzles of the solid rocket boosters. Managers from all NASA flight centers will gather to discuss the problem and any potential impact to Endeavour’s scheduled launch next week. A briefing to news media is currently scheduled to follow the management meeting.

IN WORK TODAY:
* Orbiter aft engine compartment close-outs
* Preparations to close payload bay doors for flight tonight
* Wake Shield Facility close-outs

WORK COMPLETED:
* Spartan 201 payload close-outs
* Check-out spacesuits (EMU) for flight
* Charge Wake Shield Facility batteries

KEY OPERATIONAL MILESTONES (dates are target only):
* Install ordnance and pressurize hypergolic reactant tanks (Sunday/Monday)
* Crew arrival (12:30 p.m. Aug. 2)
* Begin countdown for launch (3 p.m. Aug. 2)

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 9:31 a.m. EDT
LAUNCH WINDOW: 2 hours, 30 minutes
TARGET KSC LANDING DATE/TIME: Oct. 7 at 7:25 a.m.
MISSION DURATION: 15 days, 22 hours
CREW SIZE: 7
ORBITAL ALTITUDE and INCLINATION: 172 statute miles/39 degrees

IN WORK TODAY:
* Preparations for crew equipment interface test tomorrow
* Aft engine compartment close-outs

KEY OPERATIONAL MILESTONES (dates are target only):
* Crew equipment interface test (July 29)
* Close payload bay doors (Aug. 4)
* Roll to Vehicle Assembly Building (Aug. 16)

MISSION: STS-74 -- 2nd MIR DOCKING (Docking Module)

VEHICLE: Atlantis/OV-104
LOCATION: Orbiter Processing Facility bay 2
TARGET LAUNCH DATE/TIME: Oct. 26 at 3:08 p.m. EDT
LAUNCH WINDOW: 7 minutes
ESTIMATED MIR DOCKING DATE/TIME: Oct. 29 at 8:05 a.m. EST
TARGET KSC LANDING DATE/TIME: Nov. 3 at 11:05 a.m. EST
MISSION DURATION: 7 days, 20 hours
CREW SIZE: 5
ORBITAL ALTITUDE and INCLINATION: 196-245 statute miles/51.6 degrees

NOTE: Preparations are underway to remove from the vehicle the forward reaction control system and send it to the Hypergolic Maintenance Facility to replace a valve.

KEY OPERATIONAL MILESTONES (dates are target only):
* Remove drag chute hardware and forward reaction control system (Aug. 1)
* Install robotic arm (Aug. 2)

DISCOVERY/OV-103 -- Pre-Orbital Maintenance Down Period

VEHICLE: Discovery/OV-103
LOCATION: Orbiter Processing Facility bay 1
TARGET DATE OF DEPARTURE FOR PALMDALE FOR OMDP: Sept. 26

NOTE: Discovery is scheduled to be delivered to Palmdale, Calif., for a nine-month Orbital Maintenance Down Period (OMDP). During this time, the vehicle will be outfitted with a 5th set of cryogenic tanks and an external airlock to support missions to the international Space Station. Discovery is scheduled to depart Kennedy Space Center via the 747 Shuttle Carrier Aircraft on or about Sept. 26. Discovery’s next flight, the second mission to service the Hubble Space Telescope, is targeted for launch in early 1997. This week, post-flight servicing will continue in OPF bay 1. Preparations are underway to remove the forward reaction control system and the main engines.

KEY OPERATIONAL MILESTONES (dates are target only):
* Remove IUS payload hardware (July 28)
* Remove forward reaction control system (Aug. 9)
* Remove space shuttle main engines (Aug. 10)

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