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KENNEDY SPACE CENTER SPACE SHUTTLE STATUS REPORT  
THURSDAY, MARCH 23, 1995 (2:11 PM EST)

MISSION: [STS-67](#) -- ASTRO-2

VEHICLE: Endeavour/OV-105  
LOCATION: Dryden Flight Research Facility, Edwards Air Force Base, Calif.  
KSC LAUNCH DATE and TIME: March 2 at 1:38 a.m. EST  
EDWARDS LANDING DATE and TIME: Saturday, March 18 at 4:47 p.m. EST  
MISSION DURATION: 16 days, 15 hours, 08 minutes

Turnaround operations for Endeavour’s ferry flight back to Kennedy Space Center continue today at Edwards Air Force Base, Calif. Tonight the main engine tail cone will be installed and tomorrow the orbiter will be mated to the modified 747 Shuttle Carrier Aircraft.

Endeavour is not scheduled to depart Edwards before Saturday morning with a probable return to KSC’s Shuttle Landing Facility mid-day Sunday, weather permitting. Winds and rain in California delayed work necessary for an earlier planned Friday departure.

MISSION: [STS-71](#) -- 1st MIR DOCKING

VEHICLE: Atlantis/OV-104  
LOCATION: Orbiter Processing Facility bay 3  
TARGET LAUNCH DATE: June 2 (no earlier than)  
APPROX. LAUNCH TIME: 1:45 a.m.  
LAUNCH WINDOW: 5 minutes  
KSC LANDING DATE/TIME: June 12 at 9:15 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:  
Begin space shuttle main engine installation  
Spacelab electrical mates to orbiter  
Potable water servicing

WORK COMPLETED:  
Preparations to install main engines  
Install spacelab into orbiter  
Orbiter Docking System center-line camera alignment checks

KEY OPF OPERATIONAL MILESTONES (dates are targeted only):  
Spacelab verification tests (Monday/Tuesday)  
Flight crew at KSC for Docking system test (Tuesday/Wednesday)  
Crew equipment interface test (April 8)  
Final payload bay closure (April 12)  
Roll to Vehicle Assembly Building (April 18)

MISSION: [STS-70](#) -- TDRS-G

VEHICLE: Discovery/OV-103  
LOCATION: Orbiter Processing Facility bay 2  
TARGET LAUNCH DATE: June 22  
APPROX. LAUNCH TIME: 11:13 a.m.  
LAUNCH WINDOW: 2 hours, 30 minutes  
TARGET KSC LANDING DATE/TIME: June 30 at 9:23 a.m.  
MISSION DURATION: 8 days  
CREW SIZE: 5  
ORBITAL ALTITUDE and INCLINATION: 184 statute miles/28.45 degrees

IN WORK TODAY:  
Bay closed for hazardous operations involving removing and replacing a thruster and auxiliary power unit no. 2 connections  
Solid rocket booster stacking operations in Vehicle Assembly Building high bay 3

WORK COMPLETED:  
Orbital maneuvering system pod functional checks  
Main propulsion system leak and functional checks  
Mechanical and electrical checks of auxiliary power unit no. 2

WORK SCHEDULED:  
Begin installation of space shuttle main engines (March 27)

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