Flight Plan

STS-123
OCF.01 Trajectory (Dec 8, 2007 Launch)

Mission Operations Directorate
Operations Division

Basic
October 26, 2007

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For the latest working copy of the Flight Plan, visit
http://mod.jsc.nasa.gov/do4/flightplan/main/fp.cfm?id=123

National Aeronautics and Space Administration
Lyndon B. Johnson Space Center
Houston, Texas

Verify this is the correct version for the pending operation (training, simulation or flight).
Electronic copies of FDF books are available. URL: http://mod.jsc.nasa.gov/do3/FDF/index.html
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**FD06 EZ ACTIVITES**
- Check TEPC Status
- OCAC Filter Inspect
- Hard Reboot PGSCs (Except WLES)

**POST-SLEEP ACTIVITY**
- ORB OPS, CREW SYS

**ASSY OPS**
- JLP Rack Front Storage Removal
- JLP Vent Fan Act/Deact-MKAM Step 1

**TV** (ILLUMINATOR OPS)
- P/TV, CUE CARDS
- ILLUMINATORS OFF - ALL

**ILLA** Check MCIU Filter screen

**MCC NOTES**
**STST-123 (FD06)**

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**MS1 BEHNKEN**
- SLEEP
- POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
- EVA SYSTEMS: 2.315 HYGIENE BREAK
  - Note: start no earlier than 8:40 hrs from end of:
    - 2.305 10.2 PSIA CAMPOUT MASK PREBREATHE
  - MCC-H performs steps 1-4, 16-20 & 24

**MS2 FOREMAN**
- SLEEP
- POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
- EVA SYSTEMS: 2.315 HYGIENE BREAK
  - Note: start no earlier than 8:40 hrs from end of:
    - 2.305 10.2 PSIA CAMPOUT MASK PREBREATHE
  - MCC-H performs steps 1-4, 16-20 & 24

**MS4 LINNEHAN**
- SLEEP
- POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
- EVA SYSTEMS: 2.315 HYGIENE BREAK
  - Note: start no earlier than 8:40 hrs from end of:
    - 2.305 10.2 PSIA CAMPOUT MASK PREBREATHE
  - MCC-H performs steps 1-4, 16-20 & 24

**NOTES**
- EVA SYSTEMS: 2.320 10.2 PSIA CAMPOUT EVA PREP
- EVA SYSTEMS: 1.220 EMU PURGE
- EVA SYSTEMS: 2.320 10.2 PSIA CAMPOUT EVA PREP
- EVA SYSTEMS: 1.220 EMU PURGE
- LIQ SALIVA & LOG (ORB OPS, SDBI)
- POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
- POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
- POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
- POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

**Day 004**

**Date**
- 12/13 (347)

**FLY PLN/123/BAS**
**STS-123 (FD06)**

**Date:** 12/13 (347)  
**Time:** 20:00

**CDR**  
GORIE

**PLT**  
JOHNSON

**MS3**  
DOI

**MCC**

**NOTES**

**Shuttle/ISS H2O CNTR Fill**  
(GRB OPS, ECIS)  
Perform FILL TERMINATION

**CWC Transfer**  
Transfer 2 CWCs to ISS

**P/TV07 EVA**  
(P/TV FS, SCENES)

**ASSY OPS:**  
JLP RACK RECONFIGURATION  
Rack: EPS 1

**ASSY OPS:**  
JLP RACK RECONFIGURATION  
Rack: WS

**ASSY OPS:**  
JLP RACK RECONFIGURATION  
Rack: DMS 1

**EXERCISE**

**ASSY OPS:**  
JLP RACK RECONFIGURATION  
Rack: DMS 1

**ASSY OPS:**  
JLP RACK RECONFIGURATION  
Rack: WS
STS-123 (FD06)

MS1 BEHNKEN

MS2 FOREMAN

MS4 LINNEHAN

NOTES

- 20:00
- 21:00
- 22:00
- 23:00

00:00
### STS-123 (FD06)

**GMT**

- 21:00: **P/TV07 EVA** (P/TV FS, SCENES)
  - ASSY OPS: JLP RACK RECONFIGURATION
  - Rack: WS

**MET**

- 00:00: **PRIVATE MEDICAL CONFERENCE**
  - Perform via A/G 2

- 00:00: **TRANSFER BRIEF**
  - Call down status to MCC

- 01:00: **EXERCISE**

- 02:00: **PRE-SLEEP ACTIVITY**
  - (ORB OPS, CREW SYS)

- 03:00: **PRE-SLEEP ACTIVITY**
  - (ORB OPS, CREW SYS)

- 03:00: **PRE-SLEEP ACTIVITY**
  - (ORB OPS, CREW SYS)

- 04:00: **PRE-SLEEP ACTIVITY**
  - (ORB OPS, CREW SYS)
STS-123 (FD06)

Date: 12/13 (347)
Day 005

**MS1 BEHNKEN**
- PRE-SLEEP ACTIVITY (ORB OPS, CREW STS)
- IVA SUPPORT EVA 1
- EVA 1 SORTIE CLEANUP

**MS2 FOREMAN**
- PRE-SLEEP ACTIVITY (ORB OPS, CREW STS)
- CRENLOCK INGRESS
- EVA 1 SORTIE CLEANUP

**MS4 LINNEHAN**
- PRE-SLEEP ACTIVITY (ORB OPS, CREW STS)
- CRENLOCK INGRESS
- CRENLOCK REPRESS (CC)

**NOTES**
- EVA SYS: 1.240 POST EVA
  - With H2O
  - With METOX
  - MCC-H will perform Steps 43 & 68
- REF: 123 CONSUMABLES TRACKING
  - CC (EVA)
### FD07 EZ Activities

- Check TEPC Status
- OCAC Filter Inspect
- Hard Reboot PGSCs (Except WLES)

### STS-123 (FD07)

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**Day 005**

- **CDR (GORIE)**
  - 09:00 - 12:00: SLEEP
  - 12:00 - 13:00: POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
  - 13:00 - 14:00: SLEEP
  - 14:00 - 15:00: POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
  - 15:00 - 16:00: POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

- **PLT (JOHNSON)**
  - 09:00 - 12:00: SLEEP
  - 12:00 - 13:00: POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
  - 13:00 - 14:00: SLEEP
  - 14:00 - 15:00: POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

- **MS3 (DOI)**
  - 09:00 - 12:00: SLEEP
  - 12:00 - 13:00: POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
  - 13:00 - 14:00: SLEEP

**NOTES**

- **L17 Check MCIU filter screen**
- **SHUTTLE CONDENSATE COLLECTION**
  - (ORB OPS, ECLS) Changeout
- **MERLIN STATUS CHECK**
  - (Cue Card)
- **EXERCISE**
- **SHUTTLE/ISS H2O CNTR FILL**
  - (ORB OPS, ECLS) CWC FILL #X
  - Reference MSG XXX
MS1 BEHNKEN

MS2 FOREMAN

MS4 LINNEHAN

SLEEP

POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

SLEEP

POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

SLEEP LOG (ORB OPS, SDBI)

SLEEP LOG (ORB OPS, SDBI)

ROBO: 1.501 SPDM BRAKE RUN-IN Steps 1-8

PODF: EXP RACK x.xxx EXPRESS RACK 1 Subsystem Valve R&R Steps x (Rack Depress)

ASSY OPS: JLP VENT PUM ACT/DEACT-MKAM Step 1 Transfer OPS Ref. Transfer List & MSG XXX

NOTES