

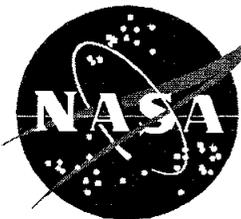
# **FLIGHT CREW**

# STS-103 FLIGHT READINESS REVIEW



**FLIGHT CREW OPERATIONS  
DIRECTORATE**

**November 1, 1999**



**Johnson Space  
Center**

*FLIGHT CREW  
OPERATIONS  
DIRECTORATE*

## STS-103 FLIGHT READINESS REVIEW

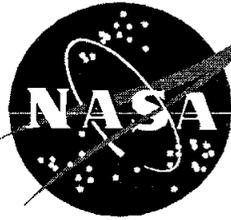
Name:

**James D. Wetherbee**

Date:

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- FLIGHT CREW OPERATIONS LEVEL III FLIGHT READINESS REVIEW ON November 1, 1999.
  - NO OPEN DCR CERTIFICATIONS, PREVIOUS READINESS REVIEW ACTIONS, OR CoFR EXCEPTIONS.
  - NO UNPLANNED OPEN WORK OR KNOWN CONSTRAINTS TO LAUNCH.
- STS-103 FLIGHT CREW AND MISSION CONTROL SUPPORT PERSONNEL ARE TRAINED AND CERTIFIED FOR FLIGHT.
- ALL REQUIRED SUPPORT AIRCRAFT ARE CURRENT IN INSPECTION AND MAINTENANCE AND ALL PILOTS HAVE COMPLETED CERTIFICATION AND ARE CURRENT.
- PENDING COMPLETION OF PLANNED WORK, FLIGHT CREW OPERATIONS IS READY TO SUPPORT THE STS-103 MISSION AND IF REQUIRED SUBSEQUENT SHUTTLE FERRY OPERATIONS.



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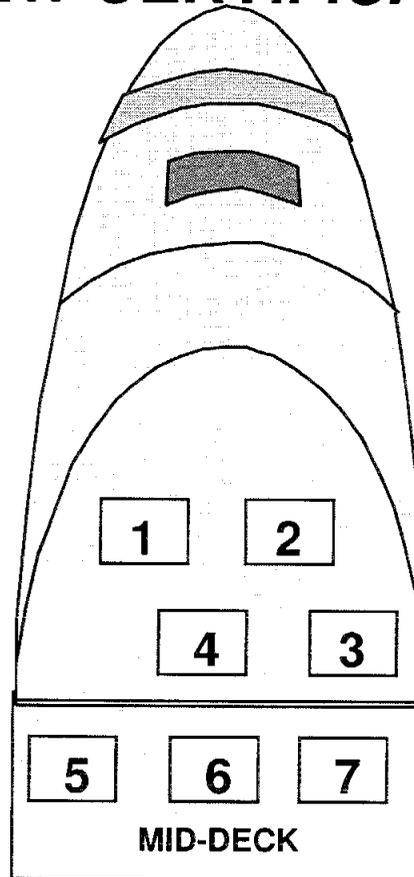
# STS-103 FLIGHT READINESS REVIEW

Name:  
**James D. Wetherbee**

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## CREW CERTIFICATION

CDR: Curt Brown  
 PILOT: Scott J. Kelly  
 MS1: Steve Smith  
 MS2: Jean-Francois Clervoy  
 MS3: John M. Grunsfeld  
 MS4: C. Michael Foale  
 MS5: Claude Nicollier



### ASCENT

### DESCENT

|                |                |
|----------------|----------------|
| 1 C. Brown     | 1 C. Brown     |
| 2 S. Kelly     | 2 S. Kelly     |
| 3 J. Grunsfeld | 3 C. Foale     |
| 4 J. Clervoy   | 4 J. Clervoy   |
| 5 C. Foale     | 5 J. Grunsfeld |
| 6 S. Smith     | 6 S. Smith     |
| 7 C. Nicollier | 7 C. Nicollier |

•FINAL STA TRAINING AT DFRF ON 11/29 or 30/99 ; AT KSC



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## STS-103 FLIGHT READINESS REVIEW

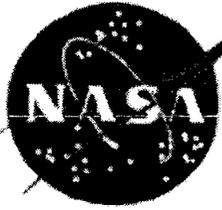
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- STA'S NASA 946 AND 944 WILL SUPPORT PRELAUNCH CREW TRAINING AT KSC AND LAUNCH/LANDING WEATHER SUPPORT.
  
- IF NECESSARY, SCA NASA 911 WILL SUPPORT FERRY OPERATIONS.
  
- IF NECESSARY, A USAF C-141 WILL BE USED AS FERRY PATHFINDER.
  
- NASA 2 and USAF C-141 ARE AVAILABLE, IF REQUIRED, FOR CREW RETURN FROM TAL SITE OR TRANSPORTATION OF EMCC PERSONNEL/EQUIPMENT.



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**STS-103 FLIGHT  
READINESS REVIEW**

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**CREW CERTIFICATION  
FLIGHT READINESS STATEMENT**

**ALL FLIGHT CREWMEMBERS HAVE SUCCESSFULLY COMPLETED  
REQUIRED TRAINING AND MEDICAL EXAMINATIONS.**

**Brock R. Stone  
Director, Mission Operations  
(Training)**

**Dave R. Williams, MD FRCP (C)  
Director, Space and Life Sciences  
(Medical)**

  
11-5-99

**Charles R. Knarr  
Deputy, Associate Program Manager  
Flight Operations  
United Space Alliance**

**James D. Wetherbee  
Director, Flight Crew Operations**



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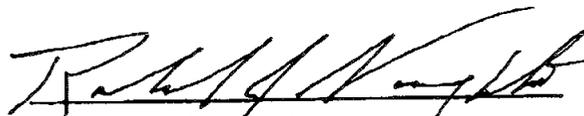
# STS-103 FLIGHT READINESS REVIEW

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## AIRCRAFT AND AIRCREW FLIGHT READINESS STATEMENT

ALL AIRCRAFT ARE CURRENT IN INSPECTION AND MAINTENANCE AND  
ALL FLIGHT CREW AND MAINTENANCE PERSONNEL HAVE COMPLETED  
CERTIFICATION AND ARE CURRENT.

  
Robert J. Naughton  
Chief, Aircraft Operations Division

  
James D. Wetherbee  
Director, Flight Crew Operations