JSC Reliability Capabilities and the Role of the Receiving Inspection and Test Facility (RITF)

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Reliability is critical to bold undertakings...
Reliability is essential when “failure is not an option” . . .
When there is no “roadside assistance” . . .

. . . reliability determines success.
At JSC, Reliability capabilities include:

- Probabilistic Risk Assessment (PRA)
- Risk Simulation and Modeling
- Failure Modes and Effects Analysis (FMEA)
- Fault Trees/Event Trees
- Emerging Risk Identification through Data Analysis
- Counterfeit Parts Detection
- Parts Screening & Inspection
- Failure Analysis
- Workmanship Training Classes
STS-126 Mission Specialist Steve Bowen translates across the S3 Truss during the first session of Extravehicular Activity (EVA 1) of Expedition 18 / STS-126 joint operations.
SEAWARS Substitute Part
W. David Beverly

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RECEIVING INSPECTION AND TEST FACILITY

◆ “Assuring Safe Space Exploration Through Test and Evaluation”