



| NAME<br>P/N<br>QTY | CRIT | FAILURE<br>MODE &<br>CAUSES | FAILURE EFFECT | RATIONALE FOR ACCEPTANCE   |
|--------------------|------|-----------------------------|----------------|--|
|                    |      | 103FM24Z                    |                | <p>The connectors undergo 100% visual inspection when received from vendor. In addition, the cable assemblies are visually inspected and electrical continuity, insulation verification and electrical bond testing are performed during PDA.</p> <p>D. Failure History -<br/>None.</p> <p>E. Ground Turnaround -<br/>Tested for non-EET processing per FEMU-R-001, Enhanced Arm Assembly, Pre-Flight Test Requirements. None for EET processing.</p> <p>F. Operational Use -<br/>1. Crew Response -<br/>Pre-EVA/Post EVA: Troubleshoot problem. If no success, terminate EVA.</p> <p>EVA: If loss of fingertip heating occurs in one glove, turn off power to the glove, terminate EVA. If loss of fingertip heating occurs in both gloves, turn off power from the battery, terminate EVA.</p> <p>2. Special Training -<br/>None.</p> <p>3. Operational Considerations -<br/>Not Applicable.</p> |

EXTRAVEHICULAR MOBILITY UNIT  
SYSTEMS SAFETY REVIEW PANEL REVIEW  
FOR THE  
I-103 ARM ASSEMBLY  
CRITICAL ITEM LIST (CIL)

EMU CONTRACT NO. NAS 9-97150

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