

EXECUTIVE RISK ASSESSMENT SUMMARY

HAZARD REPORT NUMBER: LWS-MS-ERAS-2H	DATE: 12/95
REV. LETTER:	REV. DATE:
PART NUMBER: SED39127321	LRU NUMBER: SED39126815
TITLE: Unable to properly configure seat	1. SEVERITY: Catastrophic 2. LIKELIHOOD OF OCCURRENCE: Improbable 3. CLASSIFICATION: Controlled
CAUSE: H. Seat-back jammed in stowed position - slider lock Assy. (stowage) jams in engaged position.	REDUNDANCY SCREENS: A - Pass B - Pass C - Pass
FMEA: LWS-MS-ERAS-2H Criticality: IR/2 Name/Quantity: Slider lock Assy. (stowage)/ 2 Function: Provides locking of seat-back while in stowed configuration Failure Mode: Slider lock pin (stowage) jams in the engaged position.	Cause: Contamination, excessive wear, piece-part defect Failure detection: Crew cannot move pin.
Corrective Action: Crew could possibly use contingency IFM tools to free jammed pin.	
EFFECT: Time to Effect: Seconds Time to Correct: Minutes Failure Effect: Seating inadequate to provide support/restraint for nominal flight loads or crash loads. Possible crew injury/ loss of crew due to crew-member being tossed during turbulence, landing or following a failure which results in a crash landing.	REMAINING PATHS: None
CONTROL/RETENTION RATIONALE: 1. Designed for minimum access for contamination. 2. Designed to operate without wear for the life of the program.	
VERIFICATION: 1a. During assembly all parts are checked to be generally clean. 1b. PDA 4.2.3.4, PIA 4.2.3.4 With the seat back in the forward position, pull up and unlock the seat back adjustment T-handle located on the rear of the seat back. Move seat back forward until seat back locks in the folded position. Release the two stowage lock T-handles and return the seat back to the forward position. 1c. OMRS V66AAO.052-A, 053-A, 054-A, 055-A, 056-A - Verify two position seat back, full range and locking capability. 2. Life Certification Test completed on seat-back (800 full range of motion iterations) (TPS DW95201430) and passed.	