

FMEA  
EMU FAILURE MODE, EFFECT ANALYSIS

12/24/95 SUPERSEDES / /

ANALYST:

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NAME P/N QTY	FUNCTION	FAILURE MODE & CAUSES	MISSION PHASE	FAILURE EFFECT	FAILURE DETECTION FLIGHT/GROUND	TIME TO EFFECT/ ACTIONS	CRIT	REMARKS/ HAZARD	REF
FABRIC ATTACHMENT RING ITEM 103 (1) LEFT (1) RIGHT ----- 10145-06 (2)	Provides pressure retention and axial load link between sizing ring or arm bearing and lower arm. Provides for attachment of lower arm softgoods.	LOSS/NOY: Failure of 1 lock.  CAUSE: Contamination or foreign matter in latch recess. Defective material; lock, compression spring, retainer screw, impact.	PREEVA  EVA  POSTEVA	END ITEM: One of three independent locks is not engaged.  GFE INTERFACE: Loss of fabric attachment ring primary locking mechanism. There are two remaining locking mechanisms.  MISSION: None for single or double lock failures.  CREW/VEHICLE: None with single or dual lock failure. Loss of crewman with loss of all locks.	FLIGHT: None.  GROUND: None.	None.  TIME AVAILABLE: N/A  TIME REQUIRED: N/A	3/1R  A-PASS B-N/A C-PASS	There are two independent spring loaded primary locks in addition to a manual secondary lock. All three would have to fail before inadvertent opening occurred.	