

FMEA
EMU FAILURE MODE, EFFECT ANALYSIS

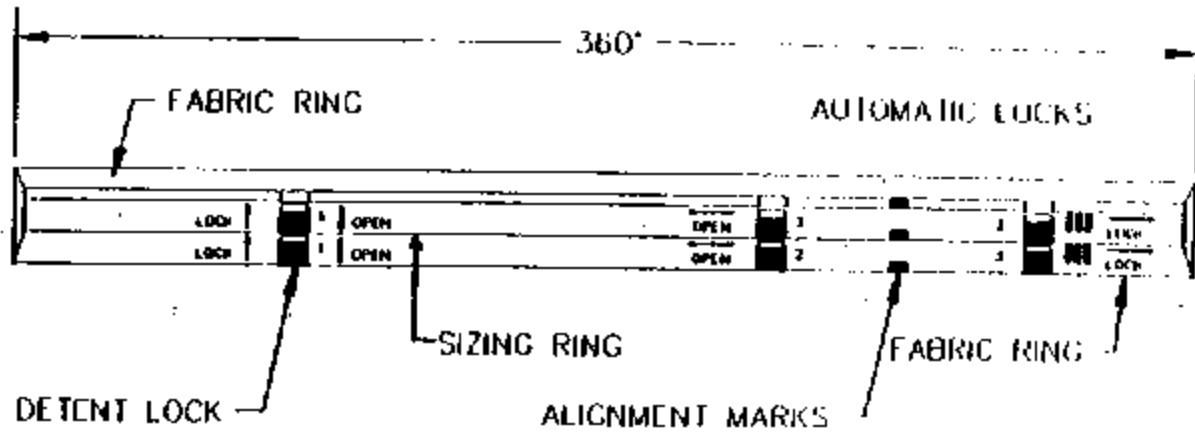
12/24/95 SUPERSEDES / /

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
LEG FABRIC ATTACHMENT RING ITEM 104 (1) LEFT (1) RIGHT ----- 10155-02 (2)	Provides pressure retention and axial load link between sizing ring and leg softgoods. Provides for sizing adjustment.	104FM20R: Failure of 1 lock. CAUSE: Contamination or foreign matter in latch recess. Defective material; lock subassembly. Impact.	PREEVA EVA POSTEVA	END ITEM: One of three independent locks is not engaged. GFE INTERFACE: Loss of fabric 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 crewmembers with loss of all locks.	FLIGHT: None. GROUND: None.	None. TIME AVAILABLE: N/A TIME REQUIRED: N/A	3/IR 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.	

LEG FABRIC ATTACHMENT RING
104FM28, 5



LOCKED POSITION