

SUBSYSTEM	CCOV	SHUTTLE CCOV FAILURE MODE & EFFECTS ANALYSIS	PREPARED BY	Ed Sowlrka
UNIT	TVM (3V MONITOR)		DATE	8-22-86
ASSY. DWG.	2291585-502/503		REVISED	8/10/87
QUANTITY/LOCATION	THO/AFT CONSOLE IN CREW CABIN			

FUNCTION: To provide viewable video in cabin for crew to verify picture quality, Scene, Payload and RMS operations, VTR record and playback, and to display various types of camera data.

ITEM	FAILURE MODE	FAILURE CAUSE	FAILURE EFFECT ON END ITEM	FAILURE DETECT FLIGHT/GROUND	CORRECT ACTION TIME AVAIL/REQ	CRIT'Y	HAZARDS/REMARKS
7.1.5	Reduced width video visible	Insufficient horizontal drive A3 BB	Difficult to discern some picture content. Does not affect output to VTR	Visual, nFO Failure detection: is in flight. There is no direct detection: means on the ground. Indirect: means could be:	Switch to other TVM	3/IR	
			Worst Case: Loss of display of aft bulkhead cameras' video required to verify P/B door aft bulkhead latches are closed.	1. Conversation with crew 2. Point cabin TVC at monitor:			