

SUBSYSTEM CCTV
 UNIT TVM (TV MONITOR)
 ASSY. OMNG. 2291585-502/503
 QUANTITY/LOCATION TWO/AFT CONSOLE IN CREW CABIN

SHUTTLE CCTV FAILURE MODE
& EFFECTS ANALYSIS

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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
7.1.1)	Fuzzy picture normal brightness and contrast	Focus voltage change AS BD	Difficult to discern some picture content. Does not affect output to VTR	Visual, all failure detection: Is in flight.	Switch to other TVM	3/IR	
			Worst Case: Loss of display of aft bulkhead camera's video required to verify PLB door aft bulkhead latches are closed.	There is no direct detection: means on the ground. Indirect: means could be:			
				1. Conversation with crew			
				2. Point cabin TVC at monitor:			

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 ATTACHMENT
 PAGE 76 of 109