

SUBSYSTEM	CCTV	SHUTTLE CCTV FAILURE MODE & EFFECTS ANALYSIS	PREPARED BY	Ted Souirka
IMIN	TYM (TV MONITOR)		DATE	8-22-86
ASSY. DNG.	2291506-502/503		REVISED	8/10/87
QUANTITY/LOCATION	TWO/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
2.1.3	Screen bright; video visible	Partial loss of video signal at CRT input A6 assy.	Difficult to discern some picture content does not affect output to VTR	Visual, all failure detection: is in flight. There is no direct detection means on the ground. Indirect means could be:	Switch to other TVM	3/1R	
			Worst Case: Loss of display of aft bulkhead cameras' video required to verify PLB door aft bulkhead latches are closed.	1. Conversation with crew 2. Point cabin TVC at monitor:			