

SUBSYSTEM	CCTV	:		:	PREPARED BY	Ted Souirka
UNIT	TYM (TV MONITOR)	:		:	DATE	8-22-86
ASSY. DWG.	2200505-502/503	:		:	REVISED	8/10/87
QUANTITY/LOCATION	2ND/AFT CONSOLE IN CREW CABIN	:		:		

SHUTTLE CCTV FAILURE MODE
& EFFECTS ANALYSIS

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
7.1.6	Reduced width and height video visible	Insufficient vertical and horizontal sweep AD 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 TYM	1/IR	
			1. Conversation with crew				
			2. Point cabin				
			3. TIC at monitor:				

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ATTACHMENT -
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