

SUBSYSTEM	CCIV	SHUTTLE CCTV FAILURE MODE & EFFECTS ANALYSIS	PREPARED BY	J. Calvano
UNIT	CABLE		DATE	8-17-86
ASSY. DWG.	2293200		REVISED	7-17-82
QUANTITY	1			

FUNCTION: Provides power and commands from cargo bay bulkhead to cargo bay camera stack.
 supplies video from cargo bay camera stack to cargo bay bulkhead

ITEM	FAILURE MODE	FAILURE CAUSE	FAILURE EFFECT ON END ITEM	FAILURE DETECT FLIGHT/GROUND	CORRECT ACTION TIME AVAIL/REQ	CRIT'Y	HAZARDS/REMARKS
M 5.4.2	Loss of sync command, positive (TVC On)	Open/Short to GND	1) No FTV control; 2) Video, but no video control; 3) TVC not sync with system Worst Case: Loss of mission critical video.	Visual	None	2/2	
			Worst Case (if video is not mission critical, for B & C cameras only): Unable to verify PLB door off bulkhead latches are closed.	Same as above	None. (Usage of EVA tools is available.)	3/10	