

SUBSYSTEM	CCTV	SHUTTLE CCTV FAILURE MODE & EFFECTS ANALYSIS	PREPARED BY	J. Calvano
UNIT	CABLE		DATE	8-12-86
ASSY. DWG.	2293280		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'N	HAZARDS/REMARKS
W 5.5.2	Loss of sync command, negative (TVC ON)	Open/Short to GND	1) No PTU control: 2) Video, but no video control: 3) TVC not in sync with system	Visual	None	2/2	
			Worst Case: Loss of mission critical video.				
			Worst Case (if video is not mission critical, for B & C cameras only): Unable to verify PLB door aft bulkhead latches are closed.	Same as above	None. (Usage of EVA tools is available.)	3/18	

SH0210J
 ATTACHMENT
 Page 91 of 109