

SUBSYSTEM	CCTV	SHUTTLE CCTV FAILURE MODE & EFFECTS ANALYSIS	PREPARED BY	J. Calvano
UNIT	CABLE		DATE	8-12-86
ASSY. DWG.	2293200		REVISED	7-12-87
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	CNTY	HAZARDS/REMARKS
W 5.11	Loss of +28V power bus	Open/Short to GND	1) No PTU control:	Visual	None	2/2	
			2) No video				
			Worst Case: Loss of mission critical video.				
			Worst Case (if video is not mission critical, for B & E cameras only): Unable to verify PLD door aft bulkhead latches are closed.	Same as above	None. (Usage of EVA tools is available.)	3/1R	

840210 J
 ATTACHMENT -
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