

SUBSYSTEM	CCTV	SHUTTLE CCTV FAILURE MODE & EFFECTS ANALYSIS	PREPARED BY	J. Calvano
UNIT	CABLE		DATE	8-12-86
ASSY. DWG.	2293288		REVISED	2-17-87
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	CRIT'Y	HAZARDS/REMARKS
M 5.13	Loss of +28V HTM power (PTU)	Open/Short to GND	No PTU control if PTU gets too cold. Worst Case: Loss of mission critical video.	Visual	None	2/2	
			Worst Case (if video is not mission critical, for B & E cameras only): Unable to verify PTU door aft bulkhead latches are closed.	Same as above	None. (Usage of EVA tools is available.)	3/1R	

SH0210J
 ATTACHMENT -
 Page 96 of 109