

S/N ITEM CCTV  
 UNIT CABLE  
 ASSY. DWG. 2293200  
 QUANTITY 1

SHUTTLE CCTV FAILURE MODE  
 & EFFECTS ANALYSIS

PREPARED BY J. Calvann  
 DATE 5-7-81  
 REVISED 1-12-82

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 EMB ITEM	FAILURE DETECT FLIGHT/GROUND	CORRECT ACTION TIME AVAIL/REQ	CRIT'Y	HAZARDS/REMARKS
M 5.29.2	Loss of LOC 4	Short to GND	No PTU control or video for locations not requiring LOC 4  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 atches are closed.	Same as above	None. (Usage of EVA tools is available.)	3/1R	

S40210J  
 ATTACHMENT -  
 Page 106 of 109