

SUBSYSTEM	CCTV	SHUTTLE CCTV FAILURE MODE	PREPARED BY	M. Kravitz
UNIT	TYC/PMA	& EFFECTS ANALYSIS	DATE	8/16/86
ASSY. DRWG.	2294819-506, 508/2294820-502		REVISED	7-12-82
QUANTITY/LOCATION	1/MULTIPLE (CARGO BAY STACK)			

FUNCTION The TYC will provide +28Vdc switched power to the PTU.

ITEM	FAILURE MODE	FAILURE CAUSE	FAILURE EFFECT ON END ITEM	FAILURE DETECT FLIGHT/GROUND	CORRECT ACTION TIME AVAIL/REQ	CRIT'Y	HAZARDS/REMARKS
2.1.7	Loss of +28V switched power to the PTU.	TYC AB Power On/Off Switching	Loss of PTU function. Worst Case: Loss of mission critical video.	FLT (1) Picture on TVM: does not change in response to pan or tilt commands. (2) May observe no movement of the PTU, in response to commands, either visually or with the aid of the camera. GND (1) Picture on TVM: does not change in response to pan or tilt commands.	None.	2/2	
			Worst Case (if video is not mission critical), for B & C cameras only: Unable to verify P/B door aft bulkhead latches are closed.	Same as above	None. (Usage of EVA tools is available.)	3/18	

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 ATTACHMENT
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