

SUBSYSTEM	CCTV	SHUTTLE CCTV FAILURE MODE & EFFECTS ANALYSIS	PREPARED BY	M. Kravitz
UNIT	TVC/MLA		DATE	8/16/86
ASST. OMBG.	2294B19-506, 508/2294B20-502		REVISED	7-17-87
QUANTITY/LOCATION	1/MULTIPLE (CARGO BAY STACK)			

FUNCTION The lens assembly will respond to commands received from the TVC and provide control to the motion functions of zoom, focus, and iris.

ITEM	FAILURE MODE	FAILURE CAUSE	FAILURE EFFECT ON EMB ITEM	FAILURE DETECT FLIGHT/GROUND	CORRECT ACTION TIME AVAIL/REQ	CRIT'Y	HAZARDS/REMARKS
2.1.6.4	Iris limit switch fails shorted.	MLA Switch failure.	Unable to control the opening of the lens iris.	FLT/GRD Picture on TVM appears washed-out.	None.	2/2	
			Worst Case: Loss of mission critical video.	(insufficient signal) and noisy.			
			Worst Case (1) video is not mission critical, if R & C cameras only: Unable to verify PLB door aft bulkhead latches are closed.	Same as above	None. (Usage of EVA tools is available.)	3/1R	

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 ATTACHMENT -
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