

SUBSYSTEM	CCTV	SHUTTLE CCTV FAILURE MODE & EFFECTS ANALYSIS	PREPARED BY	C. Hughes
UNIT	Remote Control Unit (RCU)		DATE	8-25-86
ASSY. DRWG.	2294824-506, 507		REVISED	5-7-87
QUANTITY	1			

FUNCTION: Permit selection of redundant Sync Generator.

ITEM	FAILURE MODE	FAILURE CAUSE	FAILURE EFFECT ON END ITEM	FAILURE DETECT FLIGHT/GROUND	CORRECT ACTION TIME AVAIL/REQ	CRIT'Y	HAZARDS/REMARKS
1.1.23.2	Loss of Sync gun select capability	AG hard-open/short connection to oscillator select relay.	Inability to select backup oscillator	1. Watch "SYNCA" status indication on MEM downlink.	No RCU corrective action.	3/IM	Can't close doors. Can interfere with pay
			Worst Case: Second failure would prevent PTO positioning for RMS stowage.	2. After second failure inability to send commands would be noticed as well as loss of synchronous video.	Worst Case: Jettison RMS		

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 ATTACHMENT -  
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