

SUBSYSTEM	CCIR	SHUTTLE CCTV FAILURE MODE & EFFECTS ANALYSIS	PREPARED BY	C. Hughes
UNIT	Remote Control Unit (RCU)		DATE	8-25-86
ASSY. DRAW.	2294B24-506, 507		REVISED	5-7-87
QUANTITY	1			

FUNCTION: Permit selection of redundant power source via GCILC.

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.b	Loss of power select capability via GCILC	A12 board-open/short connection to power relay	Inability to select backup power feed	1. Isolate A and B power supply; Inputs and send GCICC	No RCM corrective action.	J/IR	Can't close doors. Ca (interferes with payload)
			Worst Case: Second failure could prevent PTU positioning for arm storage.	select com-mands. Watch "STNCA" status indication on A7 downlink	Worst Case: Jettison RMS		