

| | | | | |
|------------|---------|---|-------------|------------|
| SUBSYSTEM | CCTV | SHUTTLE CCTV FAILURE MODE & EFFECTS ANALYSIS | PREPARED BY | J. Calvane |
| UNIT | CABLE | | DATE | 5-2-87 |
| ASSY. DWG. | 229328D | | REVISED | 2-17-87 |
| QUANTITY | 1 | | | |

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 END ITEM | FAILURE DETECT FLIGHT/GROUND | CORRECT ACTION TIME AVAIL/REQ | CRIT'Y | HAZARDS/REMARKS |
|----------|---------------|---------------|---|------------------------------|---|--------|-----------------|
| M 5.23.2 | Loss of LOC 2 | Short to GND | No PTU control or video for locations not requiring LOC 2 | Visual | None | 2/2 | |
| | | | Worst Case: Loss of mission critical video | | | | |
| | | | Worst Case (if video is not mission critical, for B & C cameras only): Unable to verify FLD door aft bulkhead patches are closed. | Same as above | None. (Usage of EVA tools is available.) | 3/1R | |

SH0210J
ATTACHMENT -
PAGE 104 OF 109