

FAILURE MODE EFFECTS ANALYSIS

MEA NUMBER: 1.10.0.0	ORIGINATOR: JSC/MM ASTRO	PROJECT: GFE
PART NAME: CARGO BAY STACK	LRU/ORU PART NUMBER: 3278890-506	QUANTITY: 1
PART NUMBER: 3278890-506	LRU/ORU PART NAME: CTVC	SYSTEM: CCTV
LSC CONTROL NO: N/A	DRAWING/REF DESIGNATOR: 3278890	SUBSYSTEM:
ZONE/LOCATION: N/A	EFFECTIVITY/AFFECT STAGE:	

CRITICALITY:

CRITICAL ITEM?: NO
CRITICALITY CATEGORY: 1R/3

SUCCESS PATHS: _____
SUCCESS PATH REMAINING: _____

END ITEM NAME:
END ITEM FUNCTIONAL:
END ITEM CAPABILITY:

END ITEM FAILURE TOLERANCE:

REDUNDANCY SCREENS: (ORBITER/SPACE STATION)

- A -
- B -
- C -
- D -

NOTION: Inability to verify payload bay latch closure.

Worst Case:Loss of over temperature indication which could result in loss of the camera and inability to verify payload bay latch closure.

FAILURE MODE CODE:

FAILURE MODE:Loss of camera telemetry information on lines 11, 12, 13, 14, 16, 17, 18 and 19 of the vertical blanking interval.

CAUSE:

- A4 Cmd Dec/Tlm Enc
- A7 NTSC Encode
- Lens A2 Tlm

FAILURE DETECTION:
REMAINING PATHS:

EFFECT/ MISSION PHASE:

CORRECTIVE ACTION:
 None.

-FAILURE EFFECTS-

END ITEM/LRU/ORU/ASSEMBLY: Loss of camera output.

SUBSYSTEM/NEXT ASSEMBLY/INTERFACE: None.

STEM/END ITEM/MISSION: None.

CREW/VEHICLE : None

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QUANTITY: 1

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LRU/ORU PART NAME: CTVC

SYSTEM: CCTV

LSC CONTROL NO: N/A

DRAWING/REF DESIGNATOR: 3278890

SUBSYSTEM:

ZONE/LOCATION: N/A

EFFECTIVITY/AFFECT STAGE:

HAZARD INFORMATION:

HAZARD: YES ___ NO X

HAZARD ORGANIZATION CODE:

HAZARD NUMBER:

TIME TO EFFECT:

TIME TO DETECT

TIME TO CORRECT:

FAILURE DETECTION/FLIGHT

REMARKS:

PREPARED BY: Bernie Embrey

REVISION:

DATE: February 17, 1995

WAIVER NUMBER