



SHUTTLE CRITICAL ITEMS LIST - ORBITER

SUBSYSTEM :EPD&C - MAN ARM S&RL JETT FMEA NO 05-6ID-2002 -1 REV:08/17/88

DISPOSITION & RATIONALE:

(A) DESIGN (B) TEST (C) INSPECTION (D) FAILURE HISTORY (E) OPERATIONAL USE:

(A-D) DISPOSITION AND RATIONALE

REFER TO APPENDIX D, ITEM NO. 1 - CIRCUIT BREAKER

(B) GROUND TURNAROUND TEST

"RMS JETTISON VERIFICATION", VERIFIES THAT THE PYRO INITIATOR CONTROLLER (PIC) ARM, FIRE, AND SWITCH SCAN CIRCUITS ARE OPERATIONAL.

"PORT RMS RESET/DEADFACE VERIF" VERIFIES OPERATION OF THE PORT RMS RETENTION FORWARD, MID, AND AFT LATCH ACTIVATOR DEADFACE RELAY CIRCUITS.

TESTS ARE PERFORMED FOR ALL FLIGHTS WHEN THE RMS IS FLOWN AND WITH ALL PYROS SAFED AND NSI NO-GO SIMULATORS INSTALLED.

(E) OPERATIONAL USE

NONE