CRITICAL ITEMS LIST

ASSY HOMENCLATURE: SILVER-ZINC BATTERY CHARGER

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FUNCTION	FMEA			FAILURE	FAILURE	
	REF	REV	CAIT	MODE AND CAUSE	EFFECT	MATIONALE FOR ACCEPTANCE
Charges Silver Zinc Battery Using 28V Orbiter Power Supply	FM3	NJ-C	2/2 A - N/A B - N/A C - N/A	MODE: Output Current exceeds 1.55 amps. CAUSES: Failure of DC power supply control circuit. failure of Electrionic Component Electrical Short or Open Circuit	GFE Interface Independent 2 amp over current protection will "ERROR." Terminate the charge. Mission Loss of Mission Objectives	is stressed beyond 50% of rating. 2. TEST The 1.55 amp control circuit and the 2 amp overcurrent protection circuits are each improcess to during the manufacturing of the SZBC. PDA in accordance with Document # P528/ATP-01001 each circuit. • Certified in accordance with Document # P528/PIA-01001 (est quantitatively record the actual setting each circuit. • Certified in accordance with Document # P528-CERT-01001, Para 4.2.3.6. 3. INSPECTION PDA in accordance with Document # P528/ATP-01001 and PIA in accordance with Document # P528/PIA-01001 test results are verified by Quality Assurance.

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REVISION: BASIC

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