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MILITARY SPECIFICATION

CHARGER, BATTERY, SILICON DIODE, TYPE A-1

This amendment forms a part of Military Specification MIL-C-4928A dated 20 September 1968.

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2.1 Under SPECIFICATIONS, Military delete:

"JAN-P-72 -Primer, Synthetic, Lacquer-Resisting"
"MIL-D-1000" and substitute "DOD-D-1000"
"MIL-F-5272 -Environmental Testing, Aeronautical And Associated Equipment, General Specification For"

Add: "MIL-P-23377 -Primer Coating, Epoxy Polyamide, Chemical and Solvent Resistant"

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Under STANDARDS, delete:

"AN3150 -Battery - Storage Shielded 24-Volt, 36-Ampere-Hour"
"AN3151 -Battery - Storage, Sheilded, 24-Volt, 24-Ampere-Hour"

Add: "MIL-STD-462 -Electromagnetic Interference Characteristics, Measurements of"
"MIL-STD-810 -Environmental Test Methods"

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3.4.4 Delete paragraph and substitute: "Electromagnetic Interference. The charger shall comply with the electromagnetic interference suppression requirements of MIL-STD-461 and 462, class C1."

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3.10.2 Line one, delete "Single-conductor" and substitute "two-conductor"

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3.12 Line four, delete "MIL-D-1000" and substitute "DOD-D-1000"

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3.17.1 Line two, delete "JAN-P-72, Type I" and substitute "MIL-P-23377"

3.17.2.3 Delete entire paragraph wording and substitute: "Plating. Parts which require corrosion protection in order to meet environmental and performance requirements contained herein shall be plated or otherwise suitably protected. Cadmium plating in accordance with QQ-P-416 shall be used where applicable only when no other protection process can reasonably provide the required protection. The use of cadmium plating shall require approval of the procuring activity."

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4.4.2.7 Delete entire paragraph wording and substitute: "Electromagnetic Interference. The charger shall be tested in accordance with MIL-STD-462, Class C1, except that the antenna shall be located at a distance of 5 feet from the test specimen."

4.4.2.8 Line two, delete "MIL-E-5272" and substitute "MIL-STD-810"

4.4.2.8.1 Line one, before Procedure I, add "Method 501.1, line two, delete "50" and substitute "48"

4.4.2.8.2 Line one, delete "Procedure II" and substitute "Method 502.1, Procedure I"

4.4.2.8.3 Line one, delete "Procedure III" and substitute "Method 507.1, Procedure II"

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4.5.1.4.1 Delete and substitute: "Fully charged batteries, one to each circuit, shall be connected to the charging circuits of the charger. The line voltage to the charger shall be varied + 5 percent from rated charger voltage. The nameplate charging rate of the battery shall be satisfactorily maintained by the adjustment of the battery charging current controls. Typical charging rates for commercial lead acid are given below. Commercial lead acid batteries with capacities comparable to those listed below may be used. The fully charged batteries used in this test shall be as defined in 6.3.1."

Ampere Hour Capacity	Voltage	Charging Rate at Start	Charging Rate at Finish
11	24	2	1
36	24	6	3
24	24	3	1 1/2
68	12	12	6

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Add a new paragraph as follows:

"6.5 Reclaimed materials shall be utilized to the maximum extent possible as cited in MIL-STD-961 and MIL-STD-962 within the quality limits required by this document and to fulfill compliance with the Resource Conservation/ Recovery Act of 1976. (Public Law 94-580 dated 21 October 1976)."

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DLA-CS

Preparing Activity:
Air Force - 99

Agent: SM-ALC/MMEDO

Project 6130-F178

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