

MIL-B-8565J
1 July 1987
SUPERSEDING
MIL-B-8565H(AS)
26 August 1977

MILITARY SPECIFICATION

BATTERY STORAGE, AIRCRAFT GENERAL SPECIFICATION FOR

This specification is approved for use by all Departments and Agencies of the Department of Defense.

1. **SCOPE.** This specification covers the general requirements for rechargeable storage batteries for use in aircraft. The batteries are nominal 24-volt batteries.

1.1 **Classification.** Batteries shall be classified as follows:

Type 1	Medium Rate	Batteries generally used for medium current engine starting/utility applications, having non-removable covers, designed for maintenance-free operation.
Type 2	High Rate	Batteries generally used for high current engine start applications having removable covers to allow access for scheduled maintenance.

1.2 **Part numbers.** Part numbers for batteries furnished under this specification shall be as follows: D8565/X-Y with "X" being the specification sheet number and "Y" being any variation of the battery on a specific specification sheet.

2. APPLICABLE DOCUMENTS

2.1 Government documents.

2.1.1 **Specifications, standards and handbooks.** The following specifications, standards and handbooks form a part of this specification to the extent specified herein. Unless otherwise specified, the issues of these documents shall be those listed in the issue of the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto, cited in the solicitation.

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Systems Engineering and Standardization Department (Code 53), Naval Air Engineering Center, Lakehurst, NJ 08733-5100, by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

AMSC N/A

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SPECIFICATIONS

FEDERAL

- FF-N-836 Nut, Square, Hexagon, Cap, Slotted, Castle, Knurled, Welding and Single Ball Seat
- FF-S-92 Screw, Machine, Slotted, Cross Recessed or Hexagon Head
- QQ-C-502 Copper Rods and Shapes and Flat Products with Finished Edges (Flat Wire Strips and Bars)
- QQ-N-290 Nickel Plating (Electrodeposited)

MILITARY

- MIL-M-14 Molding Plastics and Molded Plastic Parts, Thermosetting
- MIL-P-6063 Packaging of Batteries Storage, Charged and Dry Uncharged and Moist, General Specification for
- MIL-M-13231 Marking of Electronic Items
- MIL-C-16173 Corrosion Preventive Compound, Solvent Cutback, Cold-Application
- MIL-C-45662 Calibration Systems Requirements

(See Supplement 1 for list of associated documents.)

STANDARDS

FEDERAL

- FED-STD-595 Colors

MILITARY

- MIL-STD-105 Sampling Procedures and Tables for Inspection by Attributes
- MIL-STD-129 Marking for Shipment and Storage
- MIL-STD-130 Identification Marking of U. S. Military Property
- MIL-STD-810 Environmental Test Methods and Engineering Guidelines
- MIL-STD-889 Dissimilar Metals
- MS3509 Receptacle, Electric, Aircraft Storage Battery