



SERVICE BULLETIN

DATE: 28 OCTOBER 1983

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BATTERY CASE INSPECTION

1. PLANNING INFORMATION

A. Models Affected:

All 500 Model 369H, 369HE, 369HM and 369HS Series helicopters equipped with Saft STC SH95850 nickel cadmium batteries and battery cases.

B. Preface:

Information given in this Notice requires a one-time visual inspection of the battery case on affected models for cracks in the support flanges.

An improved flange has been incorporated on the battery case of all current production Salt 16156 and 16156-1 batteries. The improved battery case design can be identified by a vertical stiffener that has been added to the flanges on both ends of the battery case. This inspection is in addition to the battery inspection required for all models at each 100-hour inspection interval as specified in Basic HMI Appendix B.

C. Time of Compliance:

Shall be accomplished at or prior to the next 100 hour periodic inspection.

D. Reference:

Basic HMI (CSP-H-2), reissued 15 September 1981.

Basic HMI Appendix B (CSP-H-2), reissued 15 April 1981; Revision 1, 15 January 1982

E. Weight and Balance Data:

Weight and balance not affected.

F. FAA Approval:

The resultant alteration to affected models as described by procedures given in this Notice has been shown to comply with Federal Aviation Regulations and is FAA Approved.

G. Tools and Equipment:

TOOLS AND EQUIPMENT	
Nomenclature	Source
Magnifying glass (5x – 10x)	Commercial

2. PROCEDURE

- (1). Ensure all electrical power is off.
- (2). Remove battery compartment access door (Section 2, Basic HMI).

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- (3). Visually inspect battery case support flanges, using 5x - 10x magnification, for cracks. Pay particular attention to the flange at the connector end of the battery. Batteries found with cracked flanges are to be corrected by replacing the battery case with the improved current product battery case.

NOTE:

- Salt America Inc.. will replace damaged battery cases that are under warranty. Call Salt America's warranty administrator for specific instructions (Telephone: (912) 247-2331).
 - Replacement parts for batteries not under warranty can be obtained from any authorized Salt Distributor. Order PN 1723-11, case replacement for PN 16156 batteries, and PN 18112-3, case replacement for PN 16156-1 batteries.
- (4). Reinstall battery compartment access door (Section 2, Basic HMI).
 - (5). Record compliance with this Notice in Compliance Record of helicopter Log Book.

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