



SERVICE BULLETIN

DATE: 10 JANUARY 1979

PAGE 1 OF 2

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NEW PERIODIC INSPECTION INTERVALS – BATTERY OVERTEMPERATURE WARNING SYSTEM

1. PLANNING INFORMATION

A. Models Affected:

All 500 Model 369H Series Helicopters

B. Time of Compliance

Part I - Shall be accomplished at each 100-Hour Inspection interval

Part II - Shall be accomplished at each 300-Hour Inspection Interval

Part III - Shall be accomplished at each 1200-Hour Inspection Interval

C. Preface:

The information given in this Service Information Notice lists procedures for revised periodic inspections of the battery overtemperature warning system components and circuitry of the battery overtemperature monitoring system.

It is to be noted that the inspection procedures and intervals specified in this Notice supersede existing inspection requirements in the HMI for the battery overtemperature warning system, and will be incorporated in the next scheduled revision to the below referenced HMI Appendix B.

D. Reference:

500 Series-Basic HMI, Issued 1 October 1972; Revision No. 7, 15 October 1976

500 Series-HMI Appendix B, Issued 1 October 1972; Revision No. 6, 1 August 1976

FAA Airworthiness Directive AD No. 72-19-4, dated 26 February 1973

Hughes Service Information Notice No. HN-62, dated 6 August 1973

E. Weight and Balance

Weight and balance not affected.

F. FAA Approval

The technical design aspects of this Bulletin are FAA Approved.

MANDATORY MANDATORY MANDATORY



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PAGE 2 OF 2

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2. ACCOMPLISHMENT INSTRUCTIONS

NOTE: The following Periodic Inspections supersedes existing inspection intervals and procedures in the HMI for the battery overtemperature warning system, and will be incorporated in the next scheduled revision to the HMI Appendix B.

A. Part I - 100-Hour Periodic Inspection

- (1). Remove, clean and inspect battery; inspect connector pins for evidence of corrosion; deep cycle battery. (Refer to Section 2 and Section 19 of Basic HMI.)

B. Part II - 300-Hour Periodic Inspection

- (1). Inspect electrical wiring from battery connector to instrument panel warning lights for security and physical damage; perform continuity check, using ohmmeter. (Refer to Section 17 of Basic HMI.)

C. Part III - 1200-Hour Periodic Inspection

- (1). Perform operational check of battery temperature sensing equipment; remove and test limit switches (sensors) for proper operation and accuracy. (Refer to Section 19 of Basic HMI.)

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