

**HUGHES  
SERVICE INFORMATION  
NOTICE**

NOTICE NO. HN-74.2\*

DATE 29 Sept 1975

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\*Supersedes Service Information Notice N-74.1

Dated 24 February 1975

FAA APPROVED

**SUBJECT:** INSTALLATION OF ALUMINUM TYPE MAIN ROTOR BLADE PENDULUM WEIGHT VIBRATION ABSORBER ASSEMBLY, PN 369N2697

**MODELS AFFECTED:** 369HE Helicopter Serial No. 0101E and subsequent  
369HS Helicopter Serial No. 0001S thru 0660S  
369HM Helicopter Serial No. 0001 thru 0004;  
0005M thru 0248M

**TIME OF COMPLIANCE:** Shall be accomplished at installation of spares aluminum type vibration absorber assembly, PN 369N2697, when intermixed with magnesium type vibration absorber assemblies PN 369A1119 or 369A1119-11 in ship set.

**PREFACE:** The information given in this Service Information Notice lists the mandatory procedure for modifying (adding weight) the existing magnesium type pendulum weight vibration absorber assemblies, to permit intermixing in ship sets with heavier aluminum type vibration absorbers and thus retain proper main rotor balance.

It is noted that ship sets of four aluminum type vibration absorber assemblies, PN 369N2697, are installed on 369HS Helicopter Serial No. 0661S and subsequent, 369HM Helicopter Serial No. 0249M and subsequent, and all future spares.

**Reference**

500 Series - Basic HMI, Issued 1 October 1972; Revision No. 5, 15 June 1975

(I) Denotes portion of text added or revised.

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### PROCEDURE

- a. Remove magnesium vibration absorber assemblies from helicopter, per Basic HMI.
- b. Add lead shot (No. 7-1/2, 8 or 9) and silastic compound, as required, in recessed cup area of vibration absorber bracket to establish total weight of 1415 to 1425 grams for each absorber assembly. Refer to Basic HMI for weighing procedure.

### NOTE

Ensure that drain hole is open through the bonding material and pad on absorber bracket.

- c. Paint identifying 1/4-inch yellow band on bracket lug, or other easily discernible location on assembly, to denote that vibration absorber has been modified.

### NOTE

Aluminum absorbers may be identified by adding a 1/4-inch yellow paint dot, if desired, when aluminum and magnesium damper are mixed on an aircraft.

- d. Record compliance with this Service Information Notice in Compliance Record of helicopter Log Book.

### WEIGHT AND BALANCE DATA

Weight and balance not affected.