

**HUGHES
SERVICE INFORMATION
LETTER**

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TO—All owners and operators of Hughes Helicopters

SUBJECT: INFLATED FLOAT INSTALLATIONS - BATTERY ACID SPILLAGE

MODELS AFFECTED: All Model 269 Series Helicopters with Inflated Float Kits Installed

Reference

269 Series - Basic HMI, Issued 1 Feb 1972; Revision No. 2, 1 Nov 1972

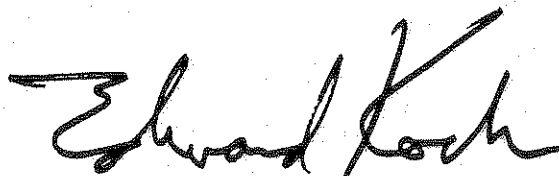
269 Series - HMI Appendix A, Issued 1 Sep 1970; Revised 1 Feb 1972

Overfilling and overcharging the battery are two common causes of electrolyte spillage during helicopter flight. To preclude any possible deterioration of the inflated float fabric material due to battery acid spillage, the manufacturer recommends that owners and operators perform these few simple precautions:

- (1) Maintain the proper electrolyte level in the battery.
- (2) Maintain the proper charging rate (voltage) of the helicopter electrical system.
- (3) Wash the floats regularly every week or two weeks.

For additional protection, the area of the floats behind the battery may be coated with DP-402 sealant, which may be procured from Garrett Corporation, Air Cruisers Division, Belmar, New Jersey.

It is noted that flight maneuvers within the maximum allowable altitudes will not cause electrolyte spillage. If the battery and helicopter electrical system are properly maintained, there should be no leakage or subsequent damage to the flotation gear.



Edward Koch, Manager
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