



**HUGHES
SERVICE INFORMATION
LETTER**

LETTER NO. HL-11
DATE Oct. 12, 1971
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TO—All owners and operators of Hughes Helicopters

SUBJECT: TAIL ROTOR SWASHPLATE - COLD WEATHER OPERATION

**MODELS AFFECTED: All 369H Series Helicopters with P/N 369A1800 Series
Tail Rotor Pitch Control Assembly Installed**

Reference

500 Series - Basic Handbook of Maintenance Instructions, Revised 1 June 1971

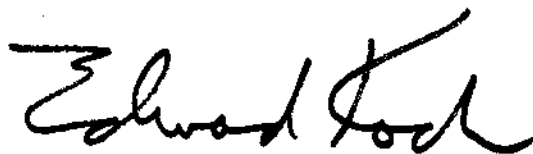
It has been found that at extreme low temperatures, the Nylasint liners of the tail rotor swashplate may contract on the gearbox output shaft and thus cause tightening or binding of the tail rotor controls.

It is recommended that the controls not be forced, if this tightness condition exists. Instead, run up the helicopter until the control system is warmed sufficiently to free itself.

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There is an optional Winterization Kit P/N 369H90127 available for helicopters operated at sub-zero temperatures. The -501 configuration of this kit includes a P/N 369H1800 Tail Rotor Pitch Control Assembly incorporating a swashplate with oilite bronze liners, to eliminate the possibility of seizure on the gearbox shaft splines.

Complete information for the Winterization Kit is provided in Hughes Service Information Notice No. HN-26.1.



Edward Koch, Manager
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