



SERVICE LETTER

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PN- 369A1620 SERIES TAIL ROTOR ASSEMBLY – ELIMINATION OF OVERHAUL SCHEDULE (TBO) REQUIREMENT; INTERCHANGEABILITY OF PN- 369A1725 SERIES TAIL ROTOR HUB ASSEMBLY

TO: All owners and operators of Hughes Helicopters

MODELS AFFECTED:

ALL 500 Model 369H Series Helicopters

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 1978

The 1200-hour Component overhaul schedule (TBO) for the PN- 369A1620 Series Tail Rotor Assembly has been eliminated. Overhaul will thus be accomplished on an "on condition" basis, with the metal tail rotor blade assemblies and tail rotor strap assemblies retired at the limited life intervals specified in the HMI Appendix B.

In addition, the following components are to be replaced, without removal or disassembly of the tail rotor assembly, at each 1200 hours of operation: PN- 369A1602 hub attach (teeter) bolt, PN-MS21250-06032 blade attachment bolts, and PN-HS610C6244R375 675 bushings.

This information is to be considered as part of the HMI and will be incorporated in the next scheduled revision to the above referenced handbooks.

It is to be noted that there is no limited life or retirement schedule for the PN- 369A1725 Series tail rotor hub assembly installed on a Model 369H Series helicopter. If installed on a Model 369D helicopter, however, the hub has a limited life of 2440 hours total time in service.

If interchanged from a Model 369D helicopter to a Model 369H Series helicopter, the hub assembly must be retired at 2440 hours total time in service. A hub retired from service from a Model 369D helicopter may NOT be continued in service on a Model 369H Series helicopter, since the hub has reached its fatigue life.

Edward Koch, Manager,
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