



**HUGHES
SERVICE INFORMATION
LETTER**

LETTER NO. L-101
DATE 1 August 1979
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TO—All owners and operators of Hughes Helicopters

SUBJECT: LIMITED LIFE INCREASE FOR PN 269A5050-63 AND 269A5050-73 MAIN ROTOR THRUST BEARINGS; UNLIMITED SERVICE LIFE FOR PN 369A5408 SERIES TAIL ROTOR TRANSMISSION (LTS) OUTPUT SHAFT

MODELS AFFECTED: All Model 269C Helicopters

All Model TH-55A Helicopters

All Model 269A, 269A-1 and 269B Helicopters equipped with M10044 or M10044-3 Main Rotor Thrust Bearing Kit and/or 269A6027 LTS Tail Rotor Transmission Assembly

Reference

269 Series - Basic HMI, Issued 1 April 1973; Revision No. 5, 1 February 1978
269 Series - HMI Appendix B, Issued 1 July 1973; Revision No. 5, 1 August 1976
269 Series - HMI Appendix C, Issued 15 March 1976

The limited life for the PN 269A5050-63 and 269A5050-73 main rotor thrust bearings has been increased from 1800 hours to 3000 hours. The extended service life is based on 600-hour inspection intervals with relubrication as specified in the Basic HMI and HMI Appendix B.

The 5400-hour limited life for the PN 369A5408 LTS tail rotor transmission output shaft has been deleted. Replacement of the 369A5408 Series shaft will henceforth be accomplished on an "on condition" basis during scheduled overhauls of the PN 269A6027 tail rotor transmission assembly.

The information given in this Service Information Letter is to be considered as part of the HMI and will be incorporated at the next scheduled revision of the above referenced handbooks.

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REFERENCE SHEET

SERVICE INFORMATION NOTICES AND LETTERS

Action Reference: When performing maintenance or inspection of main rotor drive shaft thrust bearing, refer to Service Information Letter No. L-101.

HMI Reference: Insert this sheet in 269 Basic HMI, Section 10, page 10-3.

This reference sheet shall be kept as a part of the manual until the data is incorporated at the next scheduled revision of the Basic HML (Refer to Basic HMI, Service Information Summary, page i.)

REFERENCE SHEET

SERVICE INFORMATION NOTICES AND LETTERS

Action Reference: When performing inspection or maintenance of main rotor drive shaft thrust bearing, refer to Service Information Letter No. L-101.

HMI Reference: Insert this sheet in 269 HMI Appendix B, Table B-5, page 2-17.

This reference sheet shall be kept as a part of the manual until the data is incorporated at the next scheduled revision of the 269 HMI Appendix B. (Refer to HMI Appendix B, Service Information Summary, page i.)

REFERENCE SHEET

SERVICE INFORMATION NOTICES AND LETTERS

Action Reference: When performing overhaul of LTS tail rotor transmission assembly, refer to Service Information Letter No. L-101.

HMI Reference: Insert this sheet in HMI Appendix B, Table B-5, page 2-19.

This reference sheet shall be kept as a part of the manual until the data is incorporated at the next scheduled revision of 269 HMI Appendix B. (Refer to HMI Appendix B, Service Information Summary, page i.)

REFERENCE SHEET

SERVICE INFORMATION NOTICES AND LETTERS

Action Reference: When performing overhaul of LTS tail rotor transmission assembly, refer to Service Information Letter No. L-101.

HMI Reference: Insert this sheet in 269 HMI Appendix C, Part III, Table 3-3, page 3-7.

This reference sheet shall be kept as a part of the manual until the data is incorporated at the next scheduled revision of the 269 HMI Appendix C. (Refer to HMI Appendix C, Service Information Summary, page i.)