



HUGHES  
SERVICE INFORMATION  
LETTER

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PAGE 1 OF 1

TO—All owners and operators of Hughes Helicopters

SUBJECT: TAIL ROTOR GEARBOX, P/N 269A6027 - INTERCHANGEABILITY  
BETWEEN MODEL 269 SERIES HELICOPTERS

MODELS AFFECTED: All 269 Series Helicopters

Reference

269 Series - Basic Handbook of Maintenance Instruction, Revised 1 February 1972  
269 Series - HMI Appendix B, Revised 1 February 1972

The 269A6027 low tip speed tail rotor gearbox can be installed on any 269 Series helicopter. However, serious problems can arise if the gearbox is interchanged between different model helicopters, and the finite life items within the gearbox are not retired according to the lowest service life indicated for the models affected.

For example, if a gearbox is originally installed on a 269C helicopter and then installed on a 269A/A-1 or 269B helicopter, the 269C service life schedule shall apply for all of the original finite life items until they are retired from service.

To help owners and operators determine the correct time for gearbox overhaul and retirement of finite life items, the HTC Commercial Warranty and Repair Depot attaches a Time Change Items (TCI) card to each reworked gearbox. By comparing the total times of each of the finite items recorded on the card with the scheduled retirement times according to the helicopter models affected, the operator can determine the proper interval for overhaul and component replacement.

If you interchange a low tip speed gearbox from one helicopter model to another, check with your Service Center or Service Representative.

Edward Koch, Manager  
Customer Service Department  
Hughes Tool Company