



HUGHES
SERVICE INFORMATION
LETTER

LETTER NO. L-42
DATE March 14, 1968
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TRAINING

TO—All owners and operators of Hughes Helicopters

SUBJECT: INTERIM REVISION - HANDBOOK OF MAINTENANCE
INSTRUCTION (HMI) RE: LIMITED LIFE, MAIN ROTOR
DRIVE SHAFT AND MAIN ROTOR GEAR BOX PINION
ASSEMBLY

MODELS AFFECTED: All 269 Series Helicopters

Reference

269A/A-1/TH-55A Handbook of Maintenance Instruction, Reissued 15 Dec. 1967
269B Handbook of Maintenance Instruction, Reissued 15 August 1967

The information given in this Service Information Letter lists new limited life data for the P/N269A5305-3 main rotor drive shaft. The finite life of the subject shaft has been increased from 1735 hours to 2400 hours.

Data denoting an increase in the part life for the P/N269A5103 main rotor gear box pinion assembly is also included, to coincide with the recently increased finite life and overhaul cycle for the P/N269A5175 main rotor gear drive assembly.

This data supersedes applicable data in the current HMI and is to be considered a part of the HMI until formal incorporation is accomplished during the next revision cycle.

269A/A-1/TH-55A HANDBOOK OF MAINTENANCE INSTRUCTION, Page 1-32

Table 1-7. Limited Life and Component Overhaul List.

DELETE: <u>Nomenclature</u>	<u>Part No.</u>	<u>Part Life (Hours)</u>
Drive Shaft-Main Rotor	269A5305-3	1735

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ADD:	<u>Nomenclature</u>	<u>Part No.</u>	<u>Part Life (Hours)</u>
	Drive Shaft-Main Rotor	269A5305-3	2400
	Pinion Assembly-Main Gear Box	269A5103	2250

269B HANDBOOK OF MAINTENANCE INSTRUCTION, Page 1-31.

Table 1-7. Limited Life and Component Overhaul List.

DELETE:	<u>Nomenclature</u>	<u>Part No.</u>	<u>Part Life (Hours)</u>
	*Drive Shaft-Main Rotor	5305-3	1735
	Pinion Assembly-Main Gear Box	5103	1780
ADD:	<u>Nomenclature</u>	<u>Part No.</u>	<u>Part Life (Hours)</u>
	*Drive Shaft-Main Rotor	5305-3	2400
	Pinion Assembly-Main Gear Box	5103	2250

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