



**HUGHES  
SERVICE INFORMATION  
LETTER**

**TRAINING**

LETTER NO. L-33

DATE Nov. 17, 1967

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TO—All owners and operators of Hughes Helicopters

SUBJECT: INTERIM REVISION - HANDBOOK OF MAINTENANCE  
INSTRUCTION RE: OVERHAUL CYCLE, TAIL ROTOR  
DRIVE TRANSMISSION ASSEMBLY

MODELS AFFECTED: All 269 Series Helicopters

Reference

269A/A-1 Handbook of Maintenance Instructions, Revised 1 March 67  
269B Handbook of Maintenance Instructions, Revised 15 August 67  
269A, 269A-1 and 269B - HMI Overhaul Addendum 5650, dated  
1 August 1966

The overhaul cycle for P/N 269A5650 tail rotor drive transmission assembly has been extended from 1800 hours to 2400 hours. The information given in this Service Information Letter supersedes applicable data in the current Handbook of Maintenance Instructions until formal incorporation is accomplished at the next revision cycle.

Overhaul of the tail rotor drive transmission assembly shall be accomplished per HMI Overhaul Addendum referenced above.

269A/A-1 HANDBOOK OF MAINTENANCE INSTRUCTION

Page 1-28, Table 1-7. Limited Life and Component Overhaul List

DELETE:	<u>Nomenclature</u>	<u>Part Number</u>	<u>Part Life (Hours)</u>	<u>Overhaul Cycle (Hours)</u>
	Transmission Assy- Tail Rotor Drive	269A5650		1800

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And replace with the following:

<u>Nomenclature</u>	<u>Part Number</u>	<u>Part Life (Hours)</u>	<u>Overhaul Cycle (Hours)</u>
Transmission Assy - Tail Rotor Drive	269A5650		2400*

\*Replacement of P/N 269A5607 Driven Spline and P/N269A5609 Tail Rotor Gear Box Input Shaft will be accomplished during overhaul of Tail Rotor Drive Transmission Assembly, per referenced HMI Overhaul Addendum 5650.

269B HANDBOOK OF MAINTENANCE INSTRUCTIONS

Page 1-31, Table 1-7. Limited Life and Component Overhaul List

DELETE: <u>Nomenclature</u>	<u>Part Number</u>	<u>Part Life (Hours)</u>	<u>Overhaul Cycle (Hours)</u>
Driven Spline(Aft End Tail Rotor Drive Shaft)	5607	1800	
Shaft-Input Tail Rotor Gear Box	5609	1800	
Transmission Assy - Tail Rotor Drive	5650		1800

And replace with the following:

<u>Nomenclature</u>	<u>Part Number</u>	<u>Part Life (Hours)</u>	<u>Overhaul Cycle (Hours)</u>
Transmission Assy - Tail Rotor Drive	269A5650		2400*

\*Replacement of P/N 269A5607 Driven Spline and P/N269A5609 Tail Rotor Gear Box Input Shaft will be accomplished during overhaul of Tail Rotor Drive Transmission Assembly, per referenced HMI Overhaul Addendum 5650.