



**HUGHES
SERVICE INFORMATION
LETTER**

LETTER NO. L-3.1

DATE October 5, 1966

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(Supersedes Service Information
Letter No. L-3 dated
June 10, 1966)

TO—All owners and operators of Hughes Helicopters

SUBJECT: INTERIM REVISION - HANDBOOK OF MAINTENANCE
INSTRUCTIONS (HMI) RE: 1200 HOUR PERIODIC
INSPECTION OF MAIN ROTOR GEAR DRIVE ASSEMBLY

MODELS AFFECTED: All 269A, TH55A, 269A-1 and 269B Helicopters

Reference

269A/A-1 Handbook of Maintenance Instructions
TH55A HMI Addendum
269B Handbook of Maintenance Instructions

The information given in this Service Information Letter is to be used when performing the 1200 hour periodic inspection. (See reference) This data is in addition to that given in the current revisions of the HMI's. The data is to be considered a part of the HMI until formal incorporation is accomplished at the next revision cycle.

Pg. 1-17, Table 1-3, 1200 Hour Inspection, Model 269A/A-1

Add new step as follows:

- c. Drain oil from main rotor gear drive assembly; remove magnetic drain plug. Inspect drained oil and magnetic plug for evidence of metal.

Reference to paragraph:

4-72 steps b. through f.

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Check pinion to ring gear tooth pattern.

Reference to paragraph:

4-76 step o. and NOTE.

Rotate gear drive assembly using hand force several revolutions in both directions, check for rough, noisy or binding bearings.

Pg. 1-12, Table 1-3, 1200 Hour Inspection, Model 269B

Delete old step as follows:

- a. Disassemble and inspect main rotor gear drive assemblies.

Reference to paragraph:

4-64 through 4-71

Pg. 1-12, Table 1-3, 1200 Hour Inspection, Model 269B

Add new step as follows:

- c. Drain oil from main rotor gear drive assembly: remove magnetic drain plug. Inspect drained oil and magnetic plug for evidence of metal.

Reference to paragraph:

4-64 steps b. through f.

Check pinion to ring gear tooth pattern.

Reference to paragraph:

4-67 step o. and NOTE.

Rotate gear drive assembly using hand force several revolutions in both directions, check for rough, noisy or binding bearings.