

FOR TRAINING USE ONLY



HUGHES SERVICE INFORMATION LETTER

LETTER NO. L-38.1

DATE July 15, 1968

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TO—All owners and operators of Hughes Helicopters

SUBJECT: INTERIM REVISION - HANDBOOK OF MAINTENANCE
INSTRUCTIONS(HMI)RE: INSPECTION - POSSIBLE
RETIREMENT, MAIN ROTOR BLADES

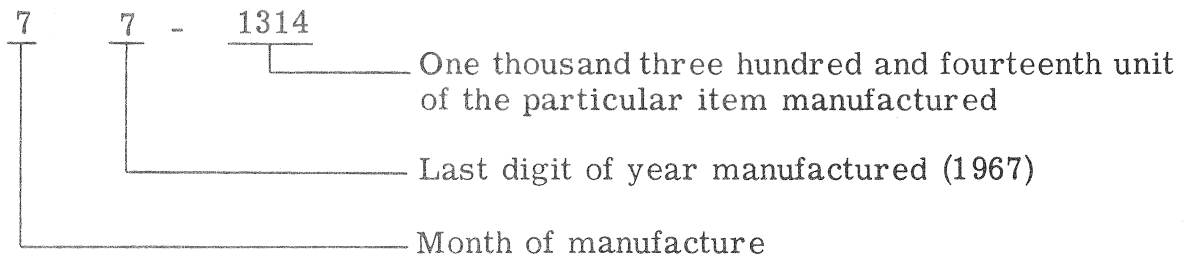
MODELS AFFECTED: All 269 Series Helicopters


Reference

269A/A-1/TH-55A Handbook of Maintenance Instruction, Revised 1 June 1968
269B Handbook of Maintenance Instruction, Reissued 1 April 1968

The information given in this Service Information Letter lists new data to be included with current procedures for inspection of main rotor blades. The data is to be considered a part of the HMI until formal incorporation is accomplished at the next revision cycle.

It is noted that a Part Number may be further identified by a Serial Number consisting of six or seven digits. The first two or three digits indicate date of manufacture. The last four digits, as noted below, define the sequence of manufacture and are generally used for identification purposes.



() Bar denotes portion of text added or superseded

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269A/A-1/TH-55A HANDBOOK OF MAINTENANCE INSTRUCTION, Page 1-17
269B HANDBOOK OF MAINTENANCE INSTRUCTION, Page 1-16

Table 1-4. Special Inspections, Item d.

DELETE: Existing Item d.

ADD: New Item d. as follows:

d. For P/N 269A1125 and 269A1131 main rotor blades all serial numbers; 4-10
and 269B1145 main rotor blades with serial number prior to -1314: Remove root 4-12
fittings from main rotor blades; using magnifying glass (8 to 12 power), in-
spect holes and root fitting areas for fatigue and cracks prior to 210 hours
time in service and every 400 hours thereafter up to 1000 hours; after 1000
hours of operation, inspect every 100 hours until blade is retired from service.

For P/N 269A1131-1 and 269B1145-1 main rotor blades all serial numbers; and 4-10
269B1145 main rotor blades with serial number -1314 and subsequent: Remove 4-12
root fittings from main rotor blade; using magnifying glass (8 to 12 power),
inspect holes and root fitting areas for fatigue and cracks prior to 1025 hours
time in service, or within 25 hours on blades having more than 1000 hours
time in service, and at every 100 hours operation following initial inspection
until blade is retired from service.

269A/A-1/TH-55A HANDBOOK OF MAINTENANCE INSTRUCTION, Page 4-10
269B HANDBOOK OF MAINTENANCE INSTRUCTION, Page 4-9

Para. 4-12. INSPECTION-POSSIBLE RETIREMENT, MAIN ROTOR BLADES

DELETE: Existing first sentence of para. 4-12.

And replace with new first sentence as follows:

Root fittings are to be removed, and root fittings and mounting holes on
main rotor blades are to be inspected in accordance with the following pro-
cedures when specifically indicated in Table 1-4. Special Inspections,
Item d.