



HUGHES SERVICE INFORMATION NOTICE

NOTICE NO. N-74.1*

DATE 16 Feb 1972

PAGE 1 OF 2

*Supersedes Service Information
Notice No. N-74, dated 17 Nov
1969

SUBJECT: INSPECTION - MAIN ROTOR MAST, INTERNAL
CORROSION

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

TIME OF COMPLIANCE: Shall be accomplished at or prior to next scheduled
removal of main rotor driveshaft for inspection or
replacement of main rotor thrust bearing, if not
already accomplished per prior issue of this Notice.

PREFACE: The data given in this Service Information Notice lists a procedure
for one-time inspection of the interior surface of the main rotor mast
for evidence of corrosion and for repair of the main rotor mast if
corrosion is found.

Reference

269 Series - Basic Handbook of Maintenance Instructions, Revised 1 February 1972

269 Series - HMI Appendix B, Revised 1 February 1972

TOOLS AND EQUIPMENT

Brush, wire

Rod, extension - 3 to 6 feet

Mirror

(■) Bar denotes portion of text added or revised

CUSTOMER SERVICE DEPARTMENT • HUGHES TOOL COMPANY • AIRCRAFT DIVISION • CULVER CITY, CALIFORNIA

MATERIALS

Soap, mild	Commercial
Cloth, soft clean white	Commercial
Primer, wash	Sherwin-Williams; MIL-C-8514 or MIL-C-15328
Thinner	#200 Standard Oil Co. or Prepsol, Dupont Chem. 3919
Chrome acid solution (pH 2.6 to 3.4)	Dow 19, Dow Chem.
Chrome pickle solution	MIL-M-3171
Primer/Reducer	Sherwin-Williams E42GP15/V66KP15; MIL-P-23377 and MIL-C-22751

PROCEDURE

- a. Remove main rotor driveshaft and thrust bearing, per Section 10 of Basic Handbook of Maintenance Instructions.
- b. Using bright light and a mirror on extension rod, inspect entire inside diameter of main rotor mast for evidence of corrosion (whitish powdered deposits; discoloration, blistering or cracking).

NOTE

If corrosion is evident, perform repair of main rotor mast for interior surface corrosion, per Section 13 of Basic HMI.

- c. Reinstall removed assemblies and components, per Basic HMI.
- d. Perform operational check of main and tail rotor drive system; check flight control for proper rigging and operation.
- e. Record compliance with this notice in Compliance Record of helicopter Log Book.