



SERVICE BULLETIN

DATE: 13 DECEMBER 2001

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MAIN ROTOR DRIVE SHAFT LIFE REDUCTION

1. PLANNING INFORMATION

A. Aircraft Affected:

All 600N Helicopters.

B. Assembly/Components Affected By This Bulletin:

Main Rotor Drive Shaft (P/N 600N5510-1).

C. Reason:

To notify 600N operators that after final review of all fatigue test data for the main rotor drive shaft, there is a life reduction from 16,000 hours to 14,000 hours.

Failure to comply with this Bulletin may result in parts remaining in service beyond their life-limit. This condition may result in total loss of drive to the main rotor hub.

D. Description:

Procedures in this Bulletin provide owners and operators with information pertaining to life limit reduction to the main rotor drive shaft.

E. FAA Approval:

The technical design aspects of this Bulletin are FAA Approved.

F. Manpower:

0.5 man-hour.

G. Time of Compliance

The requirements of this Bulletin shall be accomplished at the next scheduled maintenance or within one year of the issue date of this Bulletin, whichever occurs first.

H. Interchangeability:

None

I. Material/Part Availability:

Contact MDHI Parts Sales Dept.

J. Warranty Policy:

N/A

K. Tooling:

N/A

L. Weight and Balance:

N/A

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M. Electrical Load Data:

N/A

N. Other Publications Affected:

Handbook of Maintenance Instructions (CSP-HMI-2), Revision 29 or later.

O. Points of Contact

For further assistance, contact your local MDHI Field Service Representative (refer to the latest revision of the "At Your Service" handbook for address and telephone numbers) or contact the Field Service Department at MDHI, Mesa, Arizona. Telephone 1-800-388-3378 or (480) 346-6387. DATAFAX: (480) 346-6813.

2. ACCOMPLISHMENT INSTRUCTIONS

A. Update Rotorcraft Log Book

NOTE: For current life limits, refer to CSP-HMI-2, Section 04-00-00, Airworthiness Limitations Component Mandatory Replacement Schedule.

- (1). Update Component Historical Record for Main Rotor Drive Shaft (P/N 600N5510-1), based on revised finite life.
- (2). Update Installed Component Collector Record for Main Rotor Drive Shaft (P/N 600N5510-1), based on revised finite life.
- (3). If main rotor drive shaft component time exceeds revised finite life, remove and replace main rotor drive shaft (Ref. CSP-HMI-2, Section 63-10-00, Main Rotor Drive Shaft Replacement).

3. IDENTIFICATION

N/A

4. DISPOSITION OF PARTS REMOVED

Scrap

5. COMPLIANCE RECORD

Record Compliance with this Service Bulletin in the Compliance Record section of the helicopter Log Book.