



# SERVICE BULLETIN

DATE: 13 DECEMBER 1971

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\* Supersedes Service Information Notice HN-40, dated 12 October 1971

## INSPECTION – TAIL ROTOR TRANSMISSION OUTPUT BEVEL GEARSHAFT

### 1. PLANNING INFORMATION

#### A. MODELS AFFECTED:

The following 369H Series Helicopters with P/N 369H1800 Series Tail Rotor Pitch Control Assembly Installed:

369H Helicopter Serial No. 0001H thru 0005H

369HE Helicopter Serial No. 0101E thru 0215E

369HS Helicopter Serial No. 0001S thru 0357S

369HM Helicopter Serial No. 0001 thru 0004; 0005M thru 0213M

#### B. PREFACE:

The information given in this Service Information Notice Lists a procedure for a one-time inspection of the tail rotor transmission output shaft, to ensure that no binding exists between the shaft splines and the liners of the tail rotor swashplate.

#### C. TIME OF COMPLIANCE:

Shall be accomplished within 50 hours of helicopter operation, or at next removal of tail rotor assembly, whichever is sooner.

#### D. WEIGHT AND BALANCE:

Weight and balance not affected

#### E. REFERENCE:

500 Series - Basic Handbook of Maintenance Instructions, Revised I June 1971

500 Series - Basic Handbook of Maintenance Instructions, Interim Revision

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## F. MATERIALS:

MATERIALS	
Nomenclature	Source
Lubricant (conforming to MIL-G-25537)	Shell Oil Co.
Naptha	Commercial

## 2. PROCEDURE

- Detach one end of tail rotor swashplate boot to gain access.
- Inspect tail rotor transmission output shaft for evidence of metal flakes, pick up of black debris from cadmium plate on shaft, wear or binding between splines and liners of tail rotor swashplate.
- As required, clean transmission output shaft using solvent; burnish shaft using crocus-cloth.
- Coat output shaft with light film of AeroShell 14 (MIL-G-25537) lubricant and exercise until binding has been eliminated.
- Engage tail rotor swashplate boot.
- Record compliance with this Service Information Notice in compliance Record of helicopter Log Book.

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