



SERVICE BULLETIN

DATE: 27 OCTOBER 1969

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* Supersedes Notice No. HN-1, dated Sept. 24, 1969

INSPECTION – TAIL ROTOR TRANSMISSION ASSEMBLY, P/N 369A5400

1. PLANNING INFORMATION

A. MODELS AFFECTED:

All 500 Model 369H Series Helicopters

B. PREFACE:

Two recent incidents in military aircraft of failure of the input pinion shaft (a part of the 369A5425 gear shaft assembly) indicate improper-vendor manufacturing procedures. It has been determined that the affected parts were installed in the below listed tail rotor gear boxes. If tail rotor gear boxes installed on aircraft or in spares inventory are within these serial numbers, they must be replaced.

C. TIME OF COMPLIANCE:

Shall be accomplished prior to next flight

D. REFERENCE:

500 Series - Basic Handbook of Maintenance Instructions, Revised 15 May 1969

369HM Maintenance Manual Supplement to U.S. Army Maintenance Manuals
TM55-1520-214-20 and TM-1520-214-35, Issued 1 April 1968

(I) Denotes portion of text added or revised.

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2. ACCOMPLISHMENT INSTRUCTIONS

- a. Note and record serial number of P/N 369A5400 tail rotor transmission assembly installed on aircraft or in spares inventory. Serial number of gearbox is located on identification plate.
- b. Determine if gearbox serial number(s) recorded above are included on attached list of gearbox serial numbers.

CAUTION

- (1). If serial number of gearbox installed on aircraft corresponds with a serial number on attached list, the gearbox shall be replaced prior to 90 hours time in service; gearbox which has accumulated 90 or more hours time in service shall be replaced prior to next flight. Notify HTC-AD Customer Service Department for information as to disposition of the affected tail rotor gearbox assembly.
- (2). If serial number of gearbox in spares inventory corresponds with a serial number on attached list, notify HTC-AD Customer Service Department for information as to disposition of the affected tail rotor gearbox assembly.

NOTE: Upon inspection and rework or replacement, if necessary, the letter "M" will be placed after the serial number on the Tail Rotor Transmission assembly (P/N 369A5400).

- c. Record compliance with this notice in Compliance Record of Helicopter Log Book.
- d. Verify to HTC-AD Customer Service Department in writing, receipt of this Service Information Notice and state whether the tail rotor gearbox is affected.

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TAIL ROTOR TRANSMISSION P/N 369A5400 SERIAL NUMBERS

19	3834	108	3542
29	3898	108	3564
29	3901	118	3599
29	3911	118	3602
29	3914	118	3616
98	3227	118	3617
98	3233	118	3621
98	3238	118	3631
98	3239	118	3633
98	3243	118	3634
98	3244	118	3638
98	3250	118	3653
98	3256	118	3655
98	3266	118	3656
98	3267	128	3691
98	3276	128	3692
98	3284	128	3694
98	3290	128	3696
98	3299	128	3698
98	3314	128	3708
98	3328	128	3711
98	3374	128	3714
98	3375	128	3716
108	3409	128	3717
108	3428	128	3725
108	3448	128	3727
108	3456	128	3734
108	3460	128	3752
108	3477	128	3755
108	3479	128	3764
108	3484	128	3777
108	3504	128	3794
108	3535	128	3801
108	3536	128	3802

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