



SERVICE BULLETIN

DATE: 24 DECEMBER 1976

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INSPECTION – ATTACHMENT HARDWARE, ~ ROTOR PITCH CONTROL RODS TO PITCH HOUSING ASSEMBLY

1. PLANNING INFORMATION:

A. Models Affected:

All 500 Model 369H Series Helicopters

B. Time of Compliance:

Shall be accomplished within next 100 hours of helicopter operation.

C. Preface:

The information given in this Service Information Notice list a procedure for a one-time inspection to ensure that proper and compatible attach bolts and nuts are used to secure the pitch control rods to the pitch housing assembly, A check for possible elongation of the attachment hole in the pitch housing clevis lug is also included.

The information given in this Notice is to be considered a part of the HM and will be incorporated in the next scheduled revision to the below referenced Basic HMI and IPC.

D. Weight and Balance:

Weight and balance not affected.

E. Reference Publications:

500 Series – Basic HMI, Issued 1 October 1972; Revision No. 6, 1 November 1976
500 Series – Illustrated Parts Catalog (IPC) Revision No. 7, 15 January 1976

FORM 9578 (REV 1/94)

2. INSPECTION PROCEDURE

NOTE: Perform the following for each of the four main rotor pitch control bearing housing assemblies.

- (1). Remove cotter pin, nut, washer(s) and bolt securing upper end of pitch control rod to pitch housing clevis
- (2). Identify and check bolt and nut for compatibility.

NOTE: 1. AN320-5 nut is to be used only with NAS1105-21D bolt or NAS464P5-21 bolt.
2. AN310-5 nut is to be used only with NAS1305 bolt,

- (3). Check that-ID of nonbushed attachment hole in pitch housing clevis lug is within acceptable tolerance (0.3125/0.3135 inch diameter).

NOTE: If ID of attachment hole in clevis lug is elongated or oversize, install repair bushing, -per Basic HM!.

- (4). Reinstall upper end of pitch control rod to pitch housing assembly, using compatible bolt and nut (see step b- above) and existing AN960PD516L washer.

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If castellation alignment is not possible with torque specified below, add AN960PD516 shim washer(s). Do NOT exceed the maximum torque rains.

- (5). Torque bolt to 100 to 140 inch-pounds. Secure nut with MS24665-153 cotter pin
- (6). Record compliance with this Service Information Notice in Compliance Record of helicopter Log Book.

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