



HN-229
DN-176
EN-67
FN-54

SERVICE BULLETIN

DATE: 21 NOVEMBER 1990
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MANDATORY

SUBJECT: ONE-TIME REINSTALLATION OF THE 369A1602-3 TAIL ROTOR FORK BOLT

SUMMARY: To ensure proper clamp-up of the tail rotor hub and fork, the 369A1602(BSC) and -3 fork bolt should be installed using the **elongation** method only.

NOTE

HN-212.2, DN-153.2, EN-43.2 and FN-32.2, dated 21 April 1989, required operators to replace the 369A1602(BSC) bolt with a 369A1602-3 tail rotor fork bolt.

PURPOSE: The purpose of this Service Information Notice is to require operators to install the tail rotor fork bolt using the elongation method rather than the previously used torque method.

MODELS AFFECTED: All MD Helicopters, Inc. (MDHI) 369 Series helicopters, including the 369A (OH-6A) Series helicopter that have had the tail rotor fork bolt retorqued using the alternate torque method (140-160 in.lbs.).

NOTE

If it can be verified that the 369A1602-3 tail rotor fork bolt was last installed using the elongation method, those helicopters do not have to accomplish the requirements of this Notice.

TIME OF COMPLIANCE: The requirements of this Notice shall be accomplished within the next 300 hours of helicopter operation from the date of this Notice, at the next annual inspection, or at the next disassembly of the tail rotor fork assembly, whichever occurs first.

ASSEMBLY/COMPONENTS TO BE INSPECTED AND CORRECTED: 369A1602-3 tail rotor fork bolt.

REFERENCE PUBLICATIONS: (Use the manuals listed below or any later revisions.)
369H COM (CSP-H-5) Revised 15 July 1989
369D/E/F COM (CSP-DEF-5) Revised 17 September 1990

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SUPPLY/PARTS AND WARRANTY DISPOSITION:

PARTS/SUPPLIES			
Nomenclature	Part No.	Qty.	Source
Fork bolt, tail rotor	*369A1602-3	A/R	MDHI Warranty and Repair Department

* Bolts exceeding 0.012 inch elongation will be replaced through MDHI Warranty and Repair Department.

TOOLS AND EQUIPMENT	
Nomenclature	Source
Micrometer (4-inch)	Commercial

AIRCRAFT INSPECTION AND CORRECTION PROCEDURES:

- Remove cotter pin from nut end of fork bolt.
- Loosen nut far enough to become free of the chamfered washer.
- Using a micrometer, measure length of fork bolt with zero torque applied.
- Torque nut to elongate bolt 0.008 to 0.011 inch, and install cotter pin.



If fork bolt elongation exceeds 0.012 inch, replacement of fork bolt is required.

WEIGHT AND BALANCE: N/A

RECORDING AND COMPLIANCE:

Record compliance to this Service Information Notice in the Compliance Record section of the helicopter Log Book.

POINTS OF CONTACT:

For further information contact your local MDHI Field Service Representative (refer to the latest revision of the Product Support handbook for address and telephone numbers) or contact the Field Service Department at MDHI, Mesa, Arizona. Telephone: 1-800-445-1516 or (602) 891-6342.

The resultant alteration to affected models as described by procedures in this Notice has been shown to comply with Federal Aviation Regulations and is FAA Approved.

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