



# SERVICE BULLETIN

DATE: 22 NOVEMBER 1996  
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**MANDATORY**

## TAIL ROTOR CONTROL ROD REPLACEMENT

### 1. PLANNING INFORMATION:

#### A. Aircraft Affected:

All McDonnell Douglas Helicopter Systems (MDHS) 369F/FF Series Helicopters.

#### B. Assembly/Components Affected by this Notice:

Tail Rotor Control Rod Assembly, P/N 369D27516.

#### C. Reason:

MDHS has discovered that P/N 369D27516, Model 369F/FF tail rotor control rod may buckle when subjected to ultimate (jam) load conditions. Failure to comply with this Notice may result in loss of directional control of the helicopter.

#### D. Description:

Procedures in this Notice provide owners and operators with information pertaining to replacement of the existing tail rotor control rod assembly with an improved control rod.

#### E. FAA Approval:

The technical design aspects of this Service Information Notice are FAA Approved.

#### F. Manpower:

One man-hour when accomplished in conjunction with a 300 hour/annual inspection. Four man-hours when accomplished as a stand-alone task.

#### G. Time of Compliance:

The requirements of this Notice shall be accomplished within the next 300 hours of helicopter operation after receipt of replacement control rod or no later than 31 December 1997. Contact MDHS immediately after receipt of this Notice for a replacement tail rotor control rod.

#### H. Interchangeability:

None

#### I. Material/Part Availability:

Contact MDHS Warranty and Repair Department in Mesa, Arizona at 1-800-388-3378. DATAFAX: (602) 891-3952.

| REPLACEMENT PARTS/SUPPLIES |             |      |        |
|----------------------------|-------------|------|--------|
| Nomenclature               | Part No.    | Qty. | Source |
| Tail Rotor Control Rod     | 369D27516-5 | 1    | MDHS   |

#### J. Warranty Policy:

Replacement tail rotor control rods will be provided at no cost to the customer.

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**/// MANDATORY ////////////////////////////////////// MANDATORY ////////////////////////////////////// MANDATORY ///****K. Tooling:**

N/A.

**L. Weight and Balance:**

N/A

**M. Electrical Load Data:**

N/A

**N. Other Publications Affected:**

Illustrated Parts Catalog (CSP-IPC-4).

**2. ACCOMPLISHMENT INSTRUCTIONS:**

- (1). Remove tail rotor control rod per instructions contained in the Handbook of Maintenance Instructions (CSP-HMI-2).
- (2). Install new tail rotor control rod (P/N 369D27516-5) per instructions contained in the Handbook of Maintenance Instructions (CSP-HMI-2).

**3. DISPOSITION OF PARTS REMOVED:**

Scrap locally.

**4. COMPLIANCE RECORD:**

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

**5. POINTS OF CONTACT:**

For further assistance, contact your local MDHS Field Service Representative (refer to the Business Development and Customer Support handbook for address and telephone numbers) or contact the Field Service Department at MDHS, Mesa, Arizona. Telephone: 1-800-388-3378 or (602) 891-6342. DATAFAX: (602) 891-6782.

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