



SERVICE BULLETIN

DATE: 08 DECEMBER 1997

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THRUSTER TIP CAP REMOVAL

1. PLANNING INFORMATION

A. Aircraft Affected:

MD600N Series Helicopters, serial numbers RN003 thru RN022.

B. Assembly/Components Affected By This Bulletin:

Tip Cap, Thruster (P/N 500N3741-1).

C. Reason:

Compliance with this Bulletin will improve the yaw axis trim characteristics of the aircraft.

D. Description:

Procedures in this Bulletin provide owners and operators with information allowing operators to remove the thruster tip cap.

E. Time of Compliance

The requirements of this Bulletin shall be accomplished within the next 300 hours of helicopter operation or no later that 30 June 1998.

F. FAA Approval:

The technical design aspects of this Bulletin are FAA Approved.

G. Manpower:

1.5 man-hours.

H. Interchangeability:

None

I. Material/Part Availability:

REPLACEMENT PARTS/SUPPLIES			
Nomenclature	Part No.	Qty.	Source
Epoxy Primer	MIL-P-85582	A/R	Crown Metro Aerospace Coatings, Inc. 4343 Temple City Blvd. Temple City, CA. 91780 (818)579-6270 or Commercial

J. Warranty Policy:

N/A

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K. Tooling:

N/A

L. Weight and Balance:

Weight: -1.8 lb. Arm: 342.8 in. Moment: -617 in.lb.

M. Electrical Load Data:

N/A

N. Other Publications Affected:

The revised helicopter dimensions will be included in a future revision to the Rotorcraft Flight Manual (CSP-600RFM-1) and the Rotorcraft Maintenance Manual (CSP-600RMM-2/3).

2. ACCOMPLISHMENT INSTRUCTIONS

- (1). Remove the eight (8) screws and washers attaching the tip cap to the rotating thruster assembly.
- (2). Remove tip cap.
- (3). Reinstall screws and washers to the rotating thruster assembly.
- (4). Apply masking tape to the part number/serial number dataplate.

NOTE: Operators have the option to relocate the part number/serial number dataplate to the inside surface of the rotating thruster endcap. Contact MDHS for instructions and replacement dataplates.

- (5). Operators must paint the thruster can assembly using epoxy primer (MIL-P-85582 or equivalent).
- (6). Operators have the option to apply a final top coat to match the aircraft color following the paint manufacturer's instructions.

3. DISPOSITION OF PARTS REMOVED

Retain for possible future use.

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 MDHI Field Service Representative (refer to the latest revision of the "At Your Service" handbook for address and telephone numbers) or contact the Field Service Department at MDHI, Mesa, Arizona. Telephone 1-800-388-3378 or (480) 891-6342. DATAFAX: (480) 891-6782.

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