



# SERVICE BULLETIN

DATE: 13 DECEMBER 2001

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**MANDATORY**

## TURBINE OUTLET TEMPERATURE (TOT) INDICATOR REPLACEMENT

### 1. PLANNING INFORMATION

#### A. Aircraft Affected:

600N helicopters, S/N RN003 thru RN078.

#### B. Assembly/Components Affected By This Notice:

Torque/TOT Indicator (P/N 9A3420, 9A3420-2).

#### C. Reason:

There have been reports from the field of erroneous turbine outlet temperature (TOT) readings on aircraft equipped with analog/digital TOT indicators. The instrument manufacturer has identified and corrected the problem. Replacement indicators are now available.

Failure to perform the requirements of this Bulletin may result in a condition that could damage critical engine components.

#### D. Description:

Procedures in this Bulletin provide owners and operators with information pertaining to replacement of the Analog Torque/TOT indicator.

#### E. FAA Approval:

The technical design aspects of this Bulletin are FAA Approved.

#### F. Manpower:

0.25 man-hour.

#### G. Time of Compliance:

The requirements of this Bulletin shall be accomplished within 1 year of the issue date of this Bulletin.

#### H. Interchangeability:

None

#### I. Material/Part Availability:

Contact MDHI Warranty and Repair Dept.

REPLACEMENT PARTS/SUPPLIES			
Nomenclature	Part No.	Qty.	Source
Analog Torque/TOT Indicator	9A3420-3	1	MDHI
Analog Torque/TOT Indicator	9A3420-4	1	MDHI

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## **J. Warranty Policy:**

MDHI Warranty and Repair Department will provide acceptable replacement Analog Torque/TOT indicators at no cost to the operator. The replacement parts will be covered by the MDHI new part warranty. MDHI will also credit those affected operators with 0.25 hour of labor warranty (spares credit) for replacement of the Analog Torque/TOT indicator. Operators must return affected Analog Torque/TOT indicators with a completed Service and Operations Report (SOR) form to MDHI Warranty and Repair Department within five days of removal in order to receive credit for replacement and labor allowance credit.

## **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**

### **A. Replace Analog Torque/TOT Indicator**

- (1). Remove existing P/N 9A3420 or 9A3420-2 indicator (Ref. CSP-HMI-2, Section 95-00-00, Instruments Replacement).
- (2). Install new P/N 9A3420-3 (replaces P/N 9A3420) or P/N 9A3420-4 (replaces P/N 9A3420-2) indicator (Ref. CSP-HMI-2, Section 95-00-00, Instruments Replacement).

## **3. IDENTIFICATION:**

N/A

## **4. DISPOSITION OF PARTS REMOVED**

Return indicators with a completed Service and Operations Report (SOR) form to MDHI Warranty Repair Dept. for disposition.

## **5. COMPLIANCE RECORD:**

Record compliance to the Service Bulletin in the Compliance Record section of the helicopter Log Book. Complete the attached Compliance Recording Form and return it to MDHI.

## **6. 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) 346-6387. DATAFAX: (480) 346-6813.

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## Compliance Recording Form

**Customer/Operator Name**

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**Aircraft Serial No.**

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**Helicopter Total Time**

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**Date of Compliance**

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**Signature of Person Confirming Compliance**

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**FAX this form to MDHI (480) 346-6813**

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