



# SERVICE BULLETIN

DATE: 24 FEBRUARY 1998

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## COLLECTIVE CONTROLS LIFE REDUCTION AND SERIALIZATION

**WARNING** Recently several collective components have had their life-limits reduced. Refer to the current revision of the Handbook of Maintenance Instructions (CSP-HMI-2/3, Section 04-00-00, Rev. 2 dated 20 January 1998 or later) for life-limited items installed on 600N helicopters. Life-limited components interchanged between models or configurations must be restricted to the lowest service life indicated for the models or configurations affected.

### 1. PLANNING INFORMATION

#### A. Aircraft Affected:

All McDonnell Douglas Helicopter Systems (MDHS) 600N helicopters, serial number RN003 thru RN027.

#### B. Assembly/Components Affected by the Serialization Requirements of this Bulletin:

Housing, Collective Stick, P/N 369A7347  
 Tube, Collective Pitch Control, P/N 369A7348  
 Tube, Collective Pitch (co-pilot), P/N 369A7809  
 Housing, Collective Stick, P/N 369A7820

#### C. Reason:

To notify 600N operators of new life reductions to various components of the collective controls and the requirement to apply serial numbers to various life-limited components. Failure to comply with the requirements of this Bulletin may result in parts remaining in service after the life-limits have been reached on those components. This condition could lead to component failure and result in loss of control of the helicopter.

#### D. Description:

Procedures in this Bulletin provide owners and operators with information pertaining to serialization of various collective control assemblies.

#### E. Time of Compliance:

The requirements of this Bulletin shall be accomplished at the next scheduled inspection prior to the aircraft reaching 400 hours of time in service or no later than 10 April 1998.

#### F. FAA Approval:

The technical design aspects of this Service Bulletin are FAA approved.

#### G. Manpower:

0.5 man-hours.

#### H. Interchangeability:

None

#### I. Tooling:

N/A

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**J. Weight and Balance:**

N/A

**K. Electrical Load Data:**

N/A

**L. Other Publications Affected:**

Handbook of Maintenance Instructions (CSP-HMI-2/3, Section 04-00-00, Revision 2 or later).

**M. 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.

**2. ACCOMPLISHMENT INSTRUCTIONS**

- (1). Determine if the aircraft is configured left hand command or right hand command and use the following tables for serialization as required.
- (2). Using ink stamp permanent paint (MIL-M-43719), apply serial numbers to the parts indicated in the following tables in an area/location that will be the most visible when the part/assembly is installed.
- (3). Add the various component part numbers to the applicable Component Log of the helicopter Log Book.
- (4). Record compliance to this Service Bulletin in the Compliance Record section of the helicopter Log Book.

| LEFT HAND COMMAND |                     |
|-------------------|---------------------|
| A/C Serial #      | Housing<br>369A7820 |
| RN-003            | 009999-0003         |
| RN-004            | 009999-0004         |
| RN-005            | 009999-0005         |
| RN-006            | 009999-0006         |
| RN-007            | 009999-0007         |
| RN-008            | 009999-0008         |
| RN-009            | 009999-0009         |
| RN-010            | 009999-0010         |
| RN-011            | 009999-0011         |
| RN-012            | 009999-0012         |
| RN-013            | 009999-0013         |

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| LEFT HAND COMMAND |             |
|-------------------|-------------|
| RN-014            | 009999-0014 |
| RN-015            | 009999-0015 |
| RN-016            | 009999-0016 |
| RN-017            | 009999-0017 |
| RN-018            | 009999-0018 |
| RN-019            | 009999-0019 |
| RN-020            | 009999-0020 |
| RN-021            | 009999-0021 |
| RN-022            | 009999-0022 |
| RN-023            | 009999-0023 |
| RN-024            | 009999-0024 |
| RN-025            | 009999-0025 |
| RN-026            | 009999-0026 |
| RN-027            | 009999-0027 |

| RIGHT HAND COMMAND |                  |                     |                     |
|--------------------|------------------|---------------------|---------------------|
| A/C Serial #       | Tube<br>369A7348 | Housing<br>369A7347 | Housing<br>369A7809 |
| RN-003             | 009999-0003      | 009999-0003         | 009999-0003         |
| RN-004             | 009999-0004      | 009999-0004         | 009999-0004         |
| RN-005             | 009999-0005      | 009999-0005         | 009999-0005         |
| RN-006             | 009999-0006      | 009999-0006         | 009999-0006         |
| RN-007             | 009999-0007      | 009999-0007         | 009999-0007         |
| RN-008             | 009999-0008      | 009999-0008         | 009999-0008         |
| RN-009             | 009999-0009      | 009999-0009         | 009999-0009         |
| RN-010             | 009999-0010      | 009999-0010         | 009999-0010         |
| RN-011             | 009999-0011      | 009999-0011         | 009999-0011         |
| RN-012             | 009999-0012      | 009999-0012         | 009999-0012         |
| RN-013             | 009999-0013      | 009999-0013         | 009999-0013         |
| RN-014             | 009999-0014      | 009999-0014         | 009999-0014         |
| RN-015             | 009999-0015      | 009999-0015         | 009999-0015         |
| RN-016             | 009999-0016      | 009999-0016         | 009999-0016         |
| RN-017             | 009999-0017      | 009999-0017         | 009999-0017         |
| RN-018             | 009999-0018      | 009999-0018         | 009999-0018         |

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