



# SERVICE BULLETIN

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## SELF ALIGNING SPHERICAL/SLIDER BEARING LIFE LIMIT REDUCTION

### 1. PLANNING INFORMATION:

- A. Aircraft Affected: All McDonnell Douglas Helicopter Systems (MDHS) MD900 Series Helicopters, serial number 900-00002 thru 900-00051.
- B. Assembly/Components Affected by this Notice: Bearing, Plain, Self Aligning Spherical/Slider (P/N 900C3010042-103).
- C. Reason: The life limit of the self aligning spherical/slider bearing has been reduced to 480 hours from a previous life limit of 960 hours. Failure to comply with the requirements of this bulletin may result in parts remaining in service past their life limit which in turn could result in a total loss of main rotor hub control.
- D. Description: Procedures in this Bulletin provide owners and operators with information pertaining to the life limit change of the self aligning spherical/slider bearing.
- E. FAA Approval: The technical design aspects of this Service Bulletin are FAA Approved.
- F. Manpower: N/A
- G. Time of Compliance: Self aligning spherical/slider bearings (P/N 900C3010042-103) shall be removed from service at 480 hours of operation or sooner.
- H. Interchangeability: None
- I. Material/Part Availability: Contact MDHS Warranty and Repair Dept.
- J. Warranty Policy: Parts will be provided at no cost to the operator. MDHS will provide 20 hours of labor credit to perform this Bulletin.
- K. Tooling: N/A
- L. Weight and Balance: N/A
- M. Electrical Load Data: N/A
- N. Other Publications Affected:

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## **2. ACCOMPLISHMENT INSTRUCTIONS:**

- A. As required, replace affected self aligning spherical/slider bearings per instructions contained in the Rotorcraft Maintenance Manual (CSP-900RMM-2, Section 62-30-00).
- B. Install an acceptable self aligning spherical/slider bearing per instructions contained in the Rotorcraft Maintenance Manual (CSP-900RMM-2, Section 62-30-00).

## **3. DISPOSITION OF PARTS REMOVED:**

Return to MDHS.

## **4. COMPLIANCE RECORD:**

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

**POINTS OF CONTACT:** For further assistance, contact your local MDHS 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 MDHS, Mesa, Arizona. Telephone: 1-800-388-3378 or (602) 891-6342. DATAFAX: (602) 891-6782.

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