



# SERVICE BULLETIN

DATE: 15 MAY 2001  
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## FUEL CONTAMINATION INSPECTION

### 1. PLANNING INFORMATION

**A. Aircraft Affected:**

MD900 helicopters, serial number 900-00052 thru 900-00087.

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

Cat A Fuel Cell Buildup Assembly (P/N 900P1660103-101).

**C. Reason:**

An operator recently reported an engine flameout due to fuel starvation with indicated fuel quantity over 100 lbs. This occurred because of a partial blockage of the Category A fuel tank transfer system. The blockage occurred as a result of contamination in the fuel cell. The contamination was found to consist of rubber particles, possibly debris remaining from the manufacture of the fuel cell. A low fuel indication occurred on the side of the engine flameout prior to the engine flameout and the remaining fuel was available for OEI flight.

**D. Description:**

Procedures in this Bulletin provide owners and operators with information pertaining to inspection of the fuel cell for contamination.

**E. Time of Compliance**

The requirements of this Bulletin shall be accomplished within the next 100 hours of helicopter operation after receipt of this Bulletin or within 90 days of the issue date of this Bulletin, whichever occurs first.

**F. FAA Approval:**

The technical design aspects of this Bulletin are FAA Approved.

**G. Manpower:**

16.0 man-hours.

**H. Interchangeability:**

None

**I. Material/Part Availability:**

N/A

**J. Warranty Policy:**

N/A

**K. Tooling:**

N/A

**L. Weight and Balance:**

N/A

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**/// MANDATORY ///****M. Electrical Load Data:**

N/A

**N. Other Publications Affected:**

Rotorcraft Maintenance Manual (CSP-900RMM-2), Revision 11 or later.

**2. ACCOMPLISHMENT INSTRUCTIONS****A. Fuel Contamination Inspection**

- (1). Inspect fuel cell for contamination (Ref. CSP-900RMM-2, Section 28-00-00, Contaminated Fuel Cell Procedure (902 Config)).

**3. DISPOSITION OF PARTS REMOVED**

Scrap

**4. COMPLIANCE RECORD**

Record compliance to this Service Bulletin in the Compliance Record section of the helicopter Log Book and fill in the Service Bulletin Response Form and return to MDHI.

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

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