



# SERVICE BULLETIN

DATE: 26 FEBRUARY 1997  
PAGE 1 OF 2

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\* Supersedes Service Bulletin SB900-046, dated 20 December 1996.

## HORIZONTAL STABILIZER DRAIN HOLES

### 1. PLANNING INFORMATION:

- A. Aircraft Affected: All McDonnell Douglas Helicopter Systems (MDHS) MD900 Helicopters, serial numbers 00002 thru 00051.
- B. Assembly/Components Affected by this Notice: Horizontal Stabilizer Assembly, P/N 900F2341100-115 and any prior configurations.
- C. Reason: To provide drain holes to the underside of the horizontal stabilizer immediately underneath the VSCS actuators. This will allow rain and wash water to drain out of the inside of the horizontal stabilizer. Failure to perform the requirements of this Bulletin may result in the VSCS actuators malfunctioning. This condition could result in degradation of directional handling qualities.
- D. Description: Procedures in this Bulletin provide owners and operators with information pertaining to drilling two drain holes on the underside of the horizontal stabilizer.
- E. FAA Approval: The technical design aspects of this Service Bulletin are FAA Approved.
- F. Manpower: Three (3) man-hours.
- G. Time of Compliance: The requirements of this Bulletin shall be accomplished within the next 100 hours of helicopter operation or no later than 30 June 1997.
- H. Interchangeability: None
- I. Material/Part Availability: N/A
- J. Warranty Policy: N/A
- K. Tooling: 0.25 inch Dagger Bit (used to drill holes in carbon fiber materials)
- L. Weight and Balance: N/A
- M. Electrical Load Data: N/A
- N. Other Publications Affected: Illustrated Parts List (CSP-900IPL-4).

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# SERVICE BULLETIN

**MANDATORY MANDATORY MANDATORY**

**2. ACCOMPLISHMENT INSTRUCTIONS:** (REFER TO FIGURE 1)

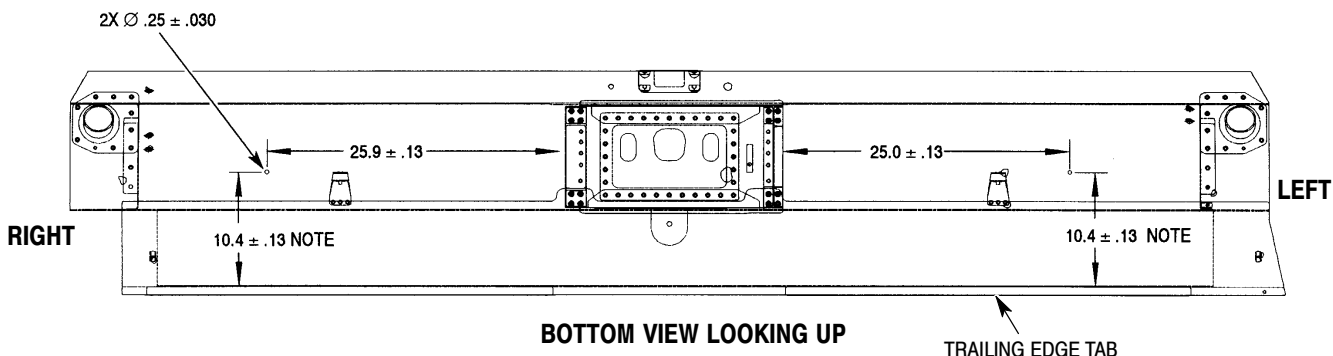
- A. Remove left hand and right hand VSCS actuators per instructions contained in the Rotorcraft Maintenance Manual (CSP-900RMM-2, Section 67-20-00).
- B. Mark the two locations where holes are to be drilled. (Ref. Figure 1)
- C. Backup the two locations using wood or equivalent. Using a 0.25 inch dagger bit, drill holes at those locations noted in Figure 1.
- D. Touch up holes using paint.
- E. Reinstall left hand and right hand VSCS actuators per instructions contained in the Rotorcraft Maintenance Manual (CSP-900RMM-2, Section 67-20-00).

**3. DISPOSITION OF PARTS REMOVED:** N/A

**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 Business Development and Customer Support 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.



NOTE: MEASURED ALONG CONTOUR FROM FWD EDGE OF TRAILING EDGE TAB.

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Figure 1. Location of Horizontal Stabilizer Drain Holes

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