



# SERVICE BULLETIN

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## MODIFIED EMPENNAGE BELLCRANK ASSEMBLY REIDENTIFICATION

### 1. PLANNING INFORMATION:

#### A. Aircraft Affected:

MD900 helicopters, serial number 900-00008 thru 900-00106.  
All empennage bellcrank assemblies (P/N 900F2341712-101) in spares inventory.

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

Empennage Bellcrank Assembly (P/N 900F2341712-101)

#### C. Reason:

Some P/N 900F2341712-101 empennage bellcrank assemblies were modified by adding Karon coating to the upper and lower surfaces but were not reidentified with the new part number (900F6341712-101). The unmodified bellcrank is a life-limited part and the modified bellcrank has an unlimited life.

Failure to comply with instructions in this bulletin may result in unnecessary replacement of the modified bellcrank.

#### D. Description:

Procedures in this Bulletin provide owners and operators with information pertaining to locating modified bellcranks and reidentifying them with the new part number.

#### E. Time of Compliance:

The requirements of this Bulletin shall be accomplished at the next scheduled inspection of the empennage or prior to installation of the subject empennage bellcrank assembly from spares inventory.

#### F. FAA Approval:

The technical design aspects of this Bulletin are FAA Approved.

#### G. Manpower:

One (1) man-hour.

#### H. Interchangeability:

None

#### I. Material/Part Availability:

The parts/supplies listed below may purchased locally from commercial sources.

REPLACEMENT PARTS/SUPPLIES			
Nomenclature	Part No.	Qty.	Source
Varnish, Moisture Resistant	MIL-V-173, Type II	AR	Commercial

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## **J. Warranty Policy:**

N/A

## **K. Tooling:**

N/A

## **L. Weight and Balance:**

N/A

## **M. Electrical Load Data:**

N/A

## **N. Other Publications Affected:**

N/A

## **2. ACCOMPLISHMENT INSTRUCTIONS:**

### **A. Inspection of P/N 900F2341712-101 Empennage Bellcrank Assemblies in Spares Inventory**

(Ref. Figure 1)

- (1). Inspect P/N 900F2341712-101 empennage bellcrank assembly for Karon (black) coating on upper and lower surfaces, as shown.
- (2). If bellcrank does not have Karon coating, no further action is required. Return part to spares inventory.
- (3). If bellcrank has Karon coating, perform C. Reidentification Instructions, Steps (1) through (3) below and return part to spares inventory.

### **B. Inspection Empennage Bellcrank Assemblies on the Helicopter**

- (1). Remove stabilizer left-hand and right-hand outboard fairing assemblies (Ref. CSP-900RMM-2, Section 53-55-00, Outboard Fairing Assembly (SR3, SL3) (Stabilizer) Removal).
- (2). Note part number of empennage bellcrank assemblies.
  - (a). If part number is not 900F2341712-101, no further action is required. Perform D. Completion Instructions below.

(Ref. Figure 1)

- (b). If part number is 900F2341712-101, determine if it has Karon (black) coating on upper and lower surfaces, as shown.
  - 1). If bellcrank does not have Karon coating, no further action is required. Proceed to D. Completion Instructions below.
  - 2). If bellcrank has Karon coating, perform C. Reidentification Instructions below.

### **C. Reidentification Instructions**

- (1). Line through existing part number (900F2341712-101); do not obscure serial number.

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- (2). Permanent ink stamp or mark new part number (900F6341712-101) above lined through part number.
- (3). Cover area with moisture resistant varnish per manufacturer's instructions.

**NOTE:** Empennage bellcrank assembly (P/N 900F6341712-101) is not a life limited part.

- (4). Update Installed Component Record and Component Historical Record sheet in helicopter log book by lining out the part number (900F2341712-101) and writing in the new part number (900F6341712-101) and that part number changed due to compliance with this Bulletin.

## **D. Completion Instructions**

- (1). Install stabilizer left-hand and right-hand outboard fairing assemblies (Ref. CSP-900RMM-2, Section 53-55-00, Outboard Fairing Assembly (SR3, SL3) (Stabilizer) Installation).

## **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.

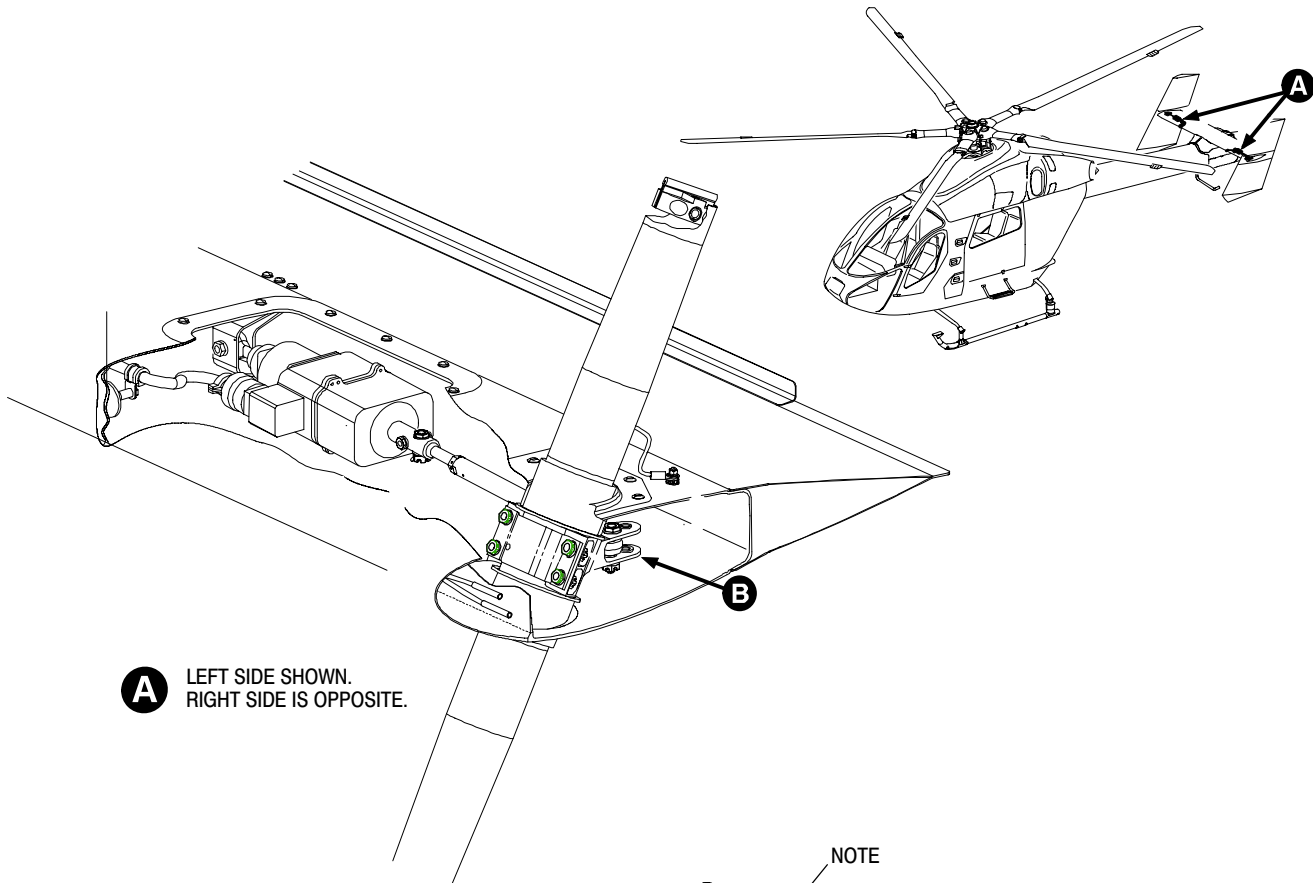
## **5. POINTS OF CONTACT:**

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.

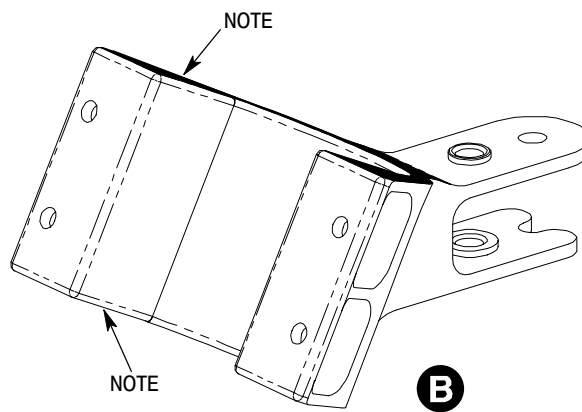
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**A** LEFT SIDE SHOWN.  
RIGHT SIDE IS OPPOSITE.



900F2341712-101 EMPENNAGE BELLCRANK ASSEMBLY

NOTE: KARON (BLACK) COATING ON UPPER  
AND LOWER SURFACES OF BELLCRANK

9B67-176

**Figure 1. Empennage Bellcrank Assembly**

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