



# TECHNICAL BULLETIN

DATE: 14 FEBRUARY 2001  
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\* Supersedes Technical Bulletin TB900-006, dated 28 April 1998. Revised to delete the use of Neoprene Adhesive.

## MAIN ROTOR HUB PITCHCASE ABRASION TAPE

### 1. PLANNING INFORMATION

**A. Aircraft Affected:**

All Model MD900 helicopters.

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

M/R Hub Pitchcase Assemblies: 900R1102000-103, -105 & - 107 (all dash numbers including future P/N's).

**C. Description/Reason:**

MD900 operators may apply a layer of Mylar tape to the leading edge of all M/R hub pitchcases to provide additional protection against abrasion. The tape should be installed on the leading edge from the inboard end of the pitchcase to the outboard end on all five pitchcases.

**D. Time of Compliance:**

Customer option, at the discretion of the owner/operator.

**E. FAA Approval:**

The technical design aspects of this Bulletin are FAA approved.

**F. Material/Part Availability:**

REPLACEMENT PARTS/SUPPLIES			
Nomenclature	Part No.	Qty.	Source
Aerosol Primer	#86	AR	3M
Item Deleted			
Protective Tape	8671-3 (three inch)	30 in. (76.2 cm)	3M

**G. Warranty Policy:**

N/A

**H. Weight and Balance:**

N/A

**I. Electrical Load Data:**

N/A

**J. Other Publications Affected:**

N/A

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## **K. 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.

## **2. ACCOMPLISHMENT INSTRUCTIONS**

- (1). Clean leading edge surface of pitchcase with clean cloth dampened with isopropyl alcohol (C419) (Ref. CSP-SPM). Wipe dry with clean cloth.



DO NOT cut or trim tape after it is applied to pitchcase.

**NOTE:** The square corners of protective tape 8671-3 should be rounded off before application to reduce the chance of peeling.

- (2). Cut tape to length and shape to fit leading edge of pitchcase.

### **NOTE:**

- 3M #86 aerosol primer may be used to improve adhesion of protective tape.
- If primer is used, mask off outer area on pitch case to prevent overspray.

- (3). Apply primer #86 per manufacturers instructions.

- (4). This step deleted.

### **NOTE:**

- Properly applied tape should show no evidence of air bubbles.
- If air bubbles are trapped, lift tape to release air: then reaffix tape.

- (5). Remove backing from tape 8671-3.

- (6). Apply tape 8671-3 to leading edge surface of pitchcase.

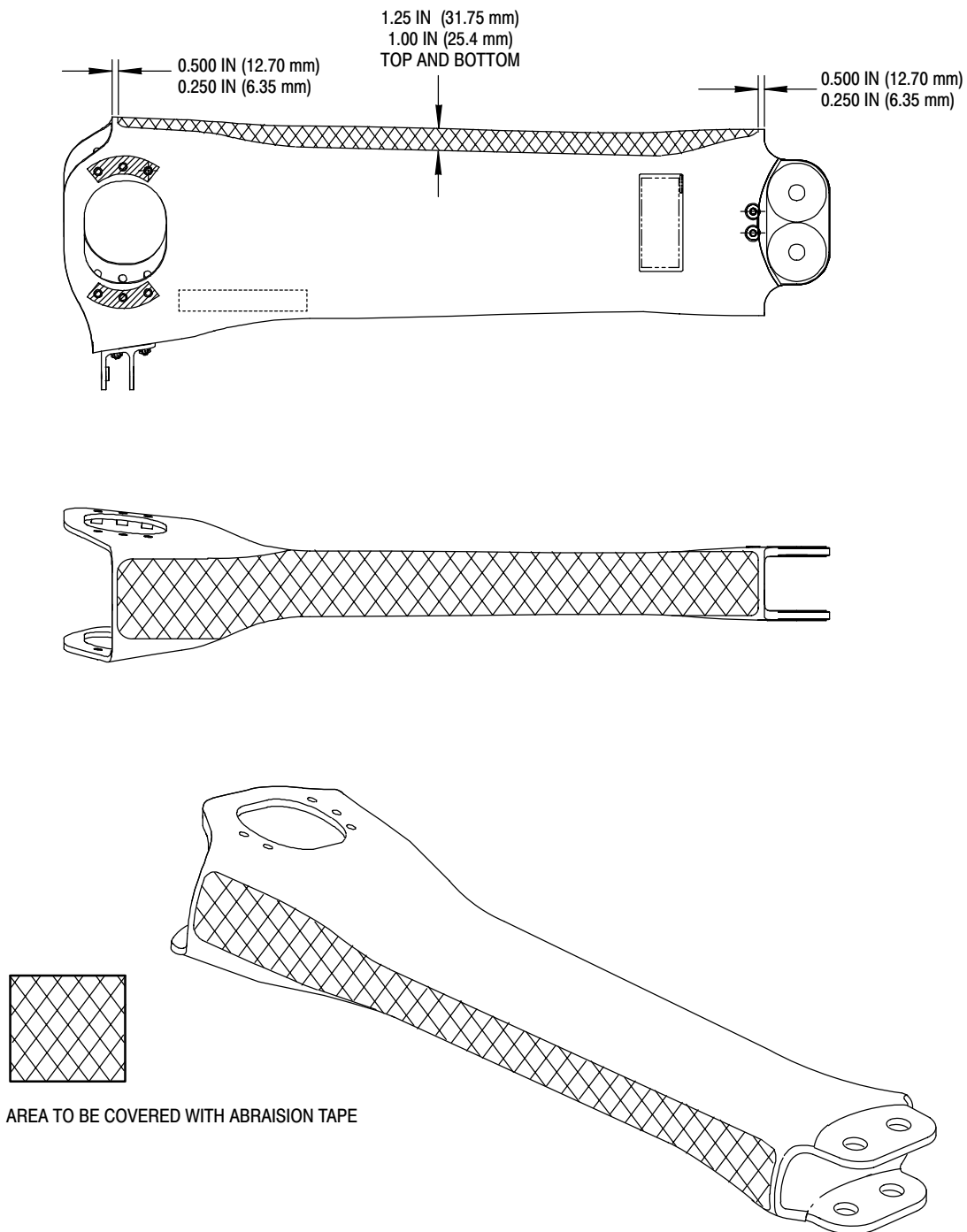
- (7). Work tape with roller, spatula or similar tool from root end to outboard end of pitchcase until positive contact is made over the entire tape area.

- (8). Repeat application process to all five main rotor hub pitchcases.

- (9). Record compliance to this Technical Bulletin in the Compliance Record section of the helicopter Log Book.

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**Figure 1. Pitch Case Abrasion Tape**