



TECHNICAL BULLETIN

DATE: 14 FEBRUARY 2001
PAGE 1 OF 2

* Supersedes Technical Bulletin TB900-007, dated 28 April 1998. Revised to delete the use of Neoprene Adhesive.

MAIN ROTOR BLADE ROOT END ABRASION TAPE

1. PLANNING INFORMATION

A. Aircraft Affected:

All Model MD900 Helicopters.

B. Description/Reason:

Procedures in this Bulletin provide owners and operators with information pertaining to application of a layer of Mylar tape to the leading edge of the root end area of all the main rotor blades to provide additional protection against abrasion. The tape should be installed on the leading edge from the inboard end of the inboard abrasion strip to the root end leading edge fairing on all five blades.

C. Time of Compliance:

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

D. FAA Approval:

The technical design aspects of this Bulletin are FAA approved.

E. Material/Parts Availability:

PARTS/SUPPLIES			
Nomenclature	Part No.	Qty.	Source
Aerosol Primer	#86	AR	3M
Item Deleted			
Protective Tape	8671-3 (three inch. wide) *	30 in. (76.2 cm)	3M
Protective Tape	8671-6 (six inch. wide) *	30 in. (76.2 cm)	3M

NOTE: *Either width tape may be used at the discretion of the customer/operator.

F. Warranty Policy:

N/A

G. Weight and Balance:

N/A

H. Electrical Load Data:

N/A

I. Other Publications Affected:

N/A

DATE: 14 FEBRUARY 2001
PAGE 2 OF 2

TECHNICAL BULLETIN

J. 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.

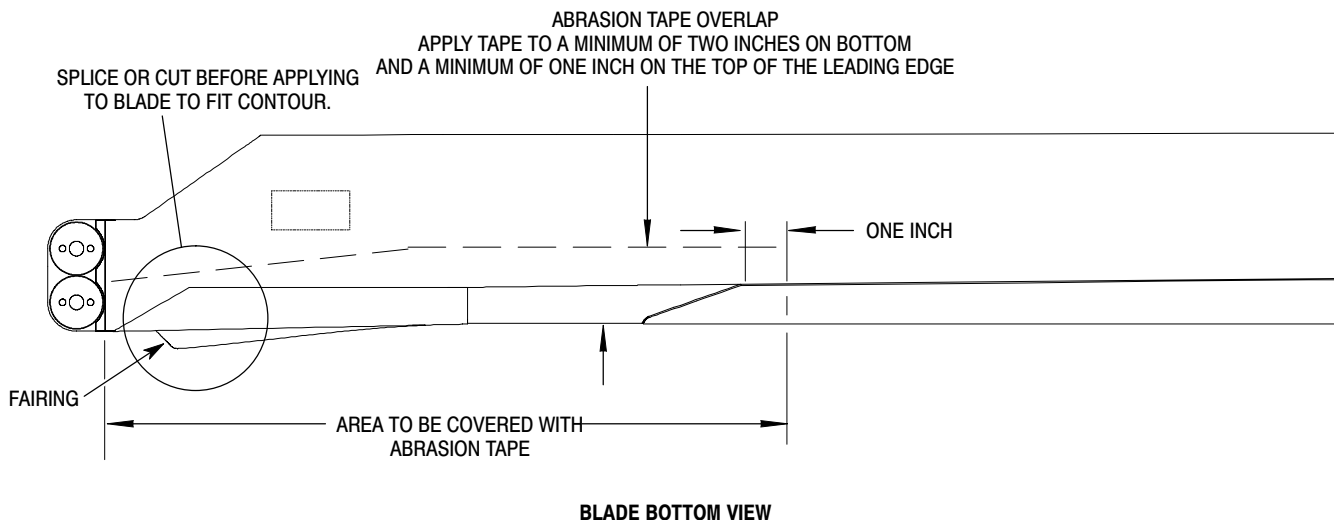
2. ACCOMPLISHMENT INSTRUCTIONS

(Ref. Figure 1)

CAUTION DO NOT cut or trim tape after application to blades.

NOTE: 3M #86 aerosol primer may be used to improve adhesion of tape.

- (1). Mask blade in the area primer is to be applied.
- (2). Apply primer #86, per manufacturer's instructions, to the area to be taped.
- (3). This step deleted.
- (4). Before application, round-off square corners of tape to reduce chance of peeling.
- (5). Apply tape to overlap inboard abrasion strip and blade root fairing as depicted in Figure 1.
- (6). Apply tape to wrap around blade leading edge a minimum of **1.0 inch (2.54 cm)** over the top surface and a minimum of **2.0 inches (5.08 cm)** around the bottom surface of blade.
- (7). Record compliance to this Technical Bulletin in the Compliance Record section of the helicopter Log Book.



9B62-110

Figure 1. Application of Protective Tape