SERVICE BULLETIN

MANDATORY MANDATORY MANDATORY

* Supersedes Service Information Notices HN-208, DN-146, EN-34 and FN-23, dated 16 February 1987.

SUBJECT: DAILY PREFLIGHT EXAMINATION OF MAIN ROTOR BLADE LEADING EDGE ABRASION STRIP BONDING.

MODELS AFFECTED: All MD Helicopters, Inc. (MDHI) Model 369 Series helicopters, including the 369A (OH–6A), and 500N Series helicopters equipped with 369A1100–503, 369A1100–505, 369A1100–507, 369D21100–505, 369A21100–509, 369D21100–513, 369D21100–515, 369D21100–516, 369D21102, 369D21102–501 and 369D21102–503 main rotor blades.

TIME OF COMPLIANCE: This Service Information Notice shall be complied with immediately upon receipt and is considered part of the pilot's preflight check.

PREFACE: The information given in this Notice lists criteria for examining the leading edge abrasion strip bonding on the main rotor blades prior to each flight. Abrasion strips with excessive bonding separation may separate from the main rotor blade which could result in serious balance problems. To ensure safe helicopter operation, MDHI is requiring all affected operators to perform the following examination of the main rotor blade leading edge abrasion strip for adequate bonding.

PROCEDURE

a. During the pilot's preflight check of the helicopter, perform a visual inspection of the main rotor blade leading edge abrasion strip bonding. Any blisters, bubbling or lifting of the abrasion strip indicates a void. Voids not closer than .5 inch to any outside edge of the abrasion strip, which do not exceed 1.5 inches square in size and which are no closer than one inch to any other voids are acceptable. Also, there cannot be more than three voids on either the top or bottom of 36 inch long abrasion strip surface or more than two voids on either the top or the bottom abrasion strip surface of an 18 inch section of abrasion strip.

b. Record all voids noting size and location in the helicopter Log Book and check each void prior to each flight for growth and acceptance criteria.

(I) Denotes portion of text added or revised.

SERVICE BULLETIN

c. Those blades which do not meet criteria given in Step A of this Notice shall be removed from service. Contact an Approved MDHI Service Center concerning the disposition of those blades still covered by warranty. The abrasion strip on other blades can be replaced in accordance with FAA approved MDHI data. MDHI recognizes only those repair stations listed below.

WEIGHT AND BALANCE: N/A.

POINTS OF CONTACT:

For further information, contact your local MDHI Field Service Representative (refer to the latest revision of the Product Support handbook for address and telephone numbers) or contact the Field Service Department at MDHI, Mesa, Arizona. Telephone: 1-800-445-1516 or (602) 891-6342.

FAA Approval: The engineering design aspects of this notice have been shown to comply with applicable Federal Aviation Regulations, and are FAA approved.

MDHI approved main rotor blade repair stations

Composite Technology, Inc.
111 Val Dervin Parkway
Stockton, CA 95206
(209) 983-8490
FAX.: (209) 983-8419
TELEX: 359435 COM TECH STO

Composite Technology, Inc.
East Coast Division
2407 Schirra Place
High Point, NC 27263
(919) 885-2400
FAX.: (919) 885-2492

Composite Technics, Inc.
10724 Goodnight Lane
Dallas, Texas 75220
(214) 556-0744
FAX.: (214) 556-0781
(800) 588-0744

BH Pacific PTY, Ltd.
P.O. Box 138
Hamilton Central
Queensland 4007 Australia
(61) 7 268-4077
FAX.: (61) 7 268-7815

Composite Technology Canada LTD.
69 Durand Road
Winnepeg, Manitoba R2J 3T1, Canada
(204) 661-6412
FAX.: (204) 661-9218

Rotor Blades, Inc.
P.O. Box 3689
Bristol, TN 37625
(615) 538-5151
FAX.: (615) 538-8469

MDHC approved main rotor blade repair stations

Composite Technology, Ltd.
Thruxton Airfield
Thruxton, Andover
Hampshire SP11 8PW England
(44) 264-773361
FAX.: (44) 264-773980

Rotor Blades Inc.
1514 East Scotts Avenue - Box 589
Stockton, CA 95205
(209) 466-0725
FAX.: (209)466-3148

Rotor Blades (NZ) LTD
6/11 Markedo Place
P.O. Box 673
Papakura, New Zealand
(64) 9-298-1655
FAX.: (64) 9-298-1655