

URGENT

***TB 1-1520-237-20-186**

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

**CHANGE IN RETIREMENT LIFE
OF MAIN ROTOR BLADE CUFF
PN 70150-09109-041
PN 70150-09109-043
MANUFACTURED BY FENN MANUFACTURING
UH-60A, UH-60L, EH-60A, MH-60K AIRCRAFT**

**Headquarters, Department of the Army, Washington, D.C.
23 December 1996**

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited

NOTE

THIS PUBLICATION IS EFFECTIVE UNTIL RESCINDED OR SUPERSEDED.

1. Priority Classification. Urgent

a. Aircraft in Use. Upon receipt of this Technical Bulletin (TB) the condition status symbol of the cited aircraft will be changed to a red horizontal dash "-". The red horizontal dash "-" may be cleared when the inspection of paragraph 8 below is completed. The affected aircraft shall be inspected as soon as practical but no later than the task/inspection suspense date. Failure to comply with the requirements of this TB within the time frame will cause the status symbol to be upgraded to a red "X".

b. Aircraft in Depot Maintenance. Same as paragraph 1a.

c. Aircraft Undergoing Maintenance. Same as paragraph 1a

d. Aircraft in Transit.

(1) Surface/Air Shipment. Inspect at final destination.

(2) Ferry Status. Same as paragraph 1d (1).

e. Maintenance Trainers (Category A and B). Same as paragraph 1a.

*This TB supersedes USAATCOM Message 191631 Z Dec 96 (UH-60-97-04).

f. Component/Parts in Stock Including War Reserves at All Levels (Depot and Others). Upon receipt of this TB, all items in all condition codes listed in paragraphs 6 and 7 below shall be annotated to read UH-60-97-ASAM-04, change in retirement life of main rotor blade cuff, not complied with. No further action is required for wholesale stock. For retail stock comply with inspection and correction procedures in paragraph 8 and 9.

(1) Wholesale Stock. No further action is required. Report receipt of this TB in accordance with paragraph 14c(1). Report compliance with this TB in accordance with paragraph 14d(1).

(2) Retail Stock. Report receipt of this TB in accordance with paragraph 14c(2). Upon receipt of this TB commanders and others maintaining retail stock at installation level and below shall contact the supported aviation unit to perform the inspection required by paragraph 8 and the correction procedures of paragraph 9. Report compliance with this TB in accordance with paragraph 14d(2).

2. Task/Inspection Suspense Date. Within 10 hours/14 days.

3. Reporting Compliance Suspense Date. No later than 14 January 1997 per paragraph 14.a of this TB.

4. Summary of the Problem.

a. The main rotor blade cuff P/N 70150-09109-041, 70150-09109-043 manufactured by Fenn MFG (CAGE 82001) had the retirement life reduced to an interim life of 75 hours from 2400 or 500 hours for the MH-60k hours (UH-60-96-03) (TB 1-1520-237-20-174). The interim life was then increased to an interim life of 450 hours (UH-60-96-ASAM-11) (TB 1-1520-237-20-183), (TB 1-1520-250-20-8) as result of preliminary test results.

b. For manpower/downtime and funding impacts, see paragraph 12.

c. The purpose of this TB is to permit the Fenn manufactured main rotor cuff to be operated to its full life of 2400 hours or 500 hours for the MH-60K, due to engineering testing results.

5. End Items to be Inspected. All UH/EH-60A/L and MH-60K aircraft.

6. Assembly Components to be Inspected.

NOMENCLATURE	PART NUMBER	NATIONAL STOCK NUMBER
Main Rotor Blade Assembly	70150-09100-043	1615-01-106-1903
Main Rotor Blade Assembly	70150-09100-041	1616-01-074-5150
Main Rotor Blade Assembly	70150-09100-043A	1615-01-325-8808

7. Parts to be Inspected.

NOMENCLATURE	PART NUMBER	NATIONAL STOCK NUMBER
Cuff Assembly	70150-09109-041	1615-01-099-2341
Cuff Assembly (MH-60K)	70150-09109-043	

8. Inspection Procedures. Verify through records inspection that main rotor blade cuff, P/N 70150-09109-041 or 70150-09109-043, serial numbers FM0080 through FM0679, manufactured by Fenn MFG is installed on the aircraft.

9. Correction Procedures. If items described in paragraph 7 above are installed, annotate in the aircraft records that the retirement life of the Fenn manufactured main rotor blade cuffs are returned to full life of 2400 hours or 500 hours for the MH-60K. ULLS-A users add the revised retirement life of the affected cuffs in the master component file using a configuration code of 40.

10. Supply/Parts and Disposition. N/A.

11. Special Tools, Jigs and Fixtures Required. N/A.

12. Application.

- a. Category of Maintenance. AVUM.
- b. Estimated Time Required. Total of .25 man-hours using 1 person for records check.
- c. Estimated Cost Impact of Stock Fund Items to the Field. N/A.
- d. TB/MWOs to be Applied Prior to or Concurrently with this Inspection. N/A.
- e. Publications Which Require Change as a Result of This Inspection. TM 1-1520-237-23 shall be changed to reflect this TB. A copy of this TB shall be inserted in the appropriate TM as authority to implement the change until the printed change is received.

13. References.

- a. TM 1-1520-237-23.
- b. TM 1-1520-250-23.

14. Recording and Reporting Requirements.

a. Reporting Compliance Suspense Date (Aircraft). Upon entering requirements of this TB on DA Form 2408-13-1 on all subject mission design series (MDS) aircraft, forward a priority message, datafax or E-Mail to Commander, ATCOM, ATTN: AMSAT-R-X (SOF Compliance Officer), per AR 95-3. Datafax number is DSN 693-2064 or commercial (314) 263-2064. E-Mail address is "amsatrxs@emh4.stl.army.mil". The report will cite this TB number, date of entry in DA Form 2408-13-1, the aircraft MDS and serial numbers of aircraft in numerical order.

- b. Task/Inspection Reporting Suspense Date (Aircraft). N/A.
- c. Reporting Compliance Suspense Date (Spares).

(1) Materiel in Wholesale Depot Storage. Report receipt of this TB by E-mail or datafax to the wholesale materiel (Spares) point of contact listed in paragraph 16c within 3 working days from the date of this TB. Provide local point of contact.

(2) Material in Retail Storage. Report receipt of this TB by E-mail or datafax to the logistical point of contact listed in paragraph 16b within 7 days from the date of this TB. Provide local point of contact.

- d. Task/Inspection Reporting Suspense Date (Spares).

(1) Materiel in Wholesale Depot Storage. Report compliance with this TB to the wholesale materiel point of contact (Spares) listed in paragraph 16c within 7 days of the date of this TB. Provide the cost of compliance with this TB and the results of the inspection using DD FORM 1225. Report by datafax and provide local point of contact.

(2) Materiel in Retail Storage. Report compliance with this TB to the logistical point of contact in paragraph 16b within 10 working days of the date of this TB. Report by E-mail or datafax and provide local point of contact.

e. The following forms are applicable and are to be completed in accordance with DA Pam 738-751, 15 June 1992.

- (1) DA Form 2408-5-1, Equipment Modification Record (COMPONENT)
- (2) DA Form 2408-13, Aircraft Status Information Record.
- (3) DA Form 2408-13-1, Aircraft Inspection and Maintenance Record.
- (4) DA Form 2408-16, Aircraft Component Historical Record.

15. Weight and Balance. N/A.

16. Points of Contact.

a. Technical point of contact for this TB is Bob Rosansky, AMSAT-R-ECU, DSN 693-0434 or commercial 314/263-0434.

b. Logistical point of contact for this TB is Joe Hoover, SFAE-AV-BH-L, DSN 693-0484 or commercial (314)263-0484, fax extension 1898, E-mail is hoover@peo2.stl.army.mil.

c. Wholesale materiel point of contact (spares) for this TB is Ms Julia Moore, AMSAT-I-SAVA, DSN 693-6049 or commercial 314-263-6049, datafax 693-6050.

d. Forms and records point of contact for this TB is Ann Waldeck, AMSAT-I-MDM, DSN 490-2318 or commercial (314)260-2318.

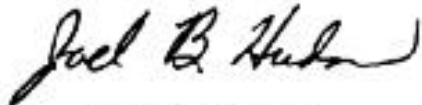
e. Safety point of contact for this TB is Jim Wilkins, AMSAT-R-X, DSN 693-2258 or commercial (314)263-2258.

f. Foreign Military Sales (FMS) recipients requiring clarification of action advised by this TB should contact Mr. Ron Van Rees or CW5 Jay Nance, AMSAT-D-S, DSN 693-7844/3216.

g. After hours contact ATCOM Command Operations Center (COC) DSN 693-2066/7 or commercial (314)263-2066/7.

By Order of the Secretary of the Army:

Official:



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18. **Page:** 2
19. **Paragraph:** 3
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23. **Figure:** 7
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