

URGENT

*TB 1-1520-237-20-201

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

ALL UH-60A/L, EH-60A AND MH-60K HELICOPTERS, REMOVAL OF SPECIFIC SUSPECT REWORKED MAIN ROTOR SWASHPLATE ASSEMBLIES

Headquarters, Department of the Army, Washington, D.C.

14 October 1997

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THIS PUBLICATION IS EFFECTIVE UNTIL RESCINDED OR SUPERSEDED.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 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 requirements of this Technical Bulletin within the time frame specified will cause the status symbol to be upgraded to a Red "X".

b. Aircraft in Depot Maintenance. Aircraft will not be released until compliance with this TB has been completed.

c. Aircraft undergoing maintenance. Aircraft will not be released until compliance with this TB has been completed.

d. Aircraft in transit.

(1) Surface/Air shipment. Prior to first flight.

(2) Ferry status. Inspect at final destination.

e. Maintenance Trainers. (Category A and B). Comply within 15 days of receipt of this TB.

*This TB supersedes USAAMCOM Aviation Safety Action Message 082032Z AUG 97, UH60-97-ASAM-18

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f. Component/Parts in Stock Including War Reserves at all Levels (depot and Others). Upon receipt of this TB all items listed in paragraph 6 below shall be placed in condition code "D" and retagged with a test/modification tag/label - Material (Blue Color) DD Form 1561/1576-1. The authority block must reference inspection required per this TB (UH-60-97-ASAM-18) (TB 1-1520-237-20-201). Items identified as serviceable IAW paragraph 8 shall be retagged with a serviceable tag/label - Material DD Form 1574/1575-1 (Yellow Color). Indicate compliance with this TB (UH-60-97-ASAM-18) (TB 1-1520-137-20-201) in the remarks block. Items identified as discrepant IAW paragraph 8 below will be retagged with unserviceable reparable tag/label DD Form, 1577-2/1577-3 (green color). Annotate remarks block to indicate that the item is unserviceable IAW this TB 1-1520-237-20-201). Discrepant items will be corrected IAW paragraph 9.

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

3. Reporting Compliance Suspense Date. No later than 30 September 97 per paragraph 14.a of this TB.

4. Summary of Problem.

a. Safety of Flight message UH-60-97-SOF-1, TB 1-1520-237-20-185 and TB 1-1520-250-20-10, was previously issued to remove certain reworked main rotor swashplate assemblies from use. To date, not all of the main rotor swashplate assemblies identified in this TB have been turned in. This Technical Bulletin is being issued to locate the remaining suspect main rotor swashplate assemblies.

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

c. The purpose of this TB is to require a visual check of the swashplate assembly number to identify suspect swashplate assemblies, and to remove the suspect swashplates from service.

5. End Items to be inspected. All UH-60A/UH-60L/EH-60A/MH-60K, aircraft serial numbers 96-26681 and subsequent will not require identification of this action.

6. Assembly Components to be inspected.

<u>Nomenclature</u>	<u>Part No.</u>	<u>NSN</u>
M/R SWASHPLATE ASSY	70104-08000-043	1615-01-085-5317
M/R SWASHPLATE ASSY	70104-08000-044	
M/R SWASHPLATE ASSY	70104-08000-046	1560-01-106-1918
M/R SWASHPLATE ASSY	70104-08000-048	
M/R SWASHPLATE ASSY	70104-08000-050	1615-01-199-7646
M/R SWASHPLATE ASSY	70104-08000-052	

7. Parts to be inspected. N/A.

8. Inspection Procedures.

a. Access the data plate on the swashplate assembly to identify the swashplate assembly serial number. The data is located on the outer diameter surface of the rotating swashplate near one of the pitch rod attachment lugs. The serial number will have the prefix A107 (EXAMPLE A107-XXXX).

b. If the main rotor swashplate assembly serial number is listed below, perform the corrective action of paragraph 9 before the next flight.

A107-00045
A107-00048
A107-00132
A107-00398
A107-00398
A107-00452
A107-00477
A107-00840
A107-02185

c. If the main rotor swashplate assembly serial number is not listed above, the inspection is complete.

9. Correction Procedures. If the main rotor swashplate assembly serial number is listed in paragraph 8b above, remove it in accordance with reference 13. a (For UH-60A/EH-60A/UH-60L Helicopters) or reference 13. b (For MH-60K Helicopters before the next flight).

10. Supply/Parts and Disposition.

a. Parts Required. Items cited in paragraph 6 may be required to replace defective items.

b. Requisitioning Instructions. Requisition replacement parts through normal supply channels using normal supply procedures. All requisitions shall use project code "XDP" (X-RAY-DELTA-PAPA) per this TB.

NOTE

Project Code "XDP", (X-RAY-DELTA-PAPA) is required to track and establish a database of stock fund expenditures incurred by the field as a result of ASAMS/SOF actions.

c. Bulk and Consumable Material. N/A.

d. Disposition. Dispose unserviceable part/component in pending disposition instructions from logistical point of contact per paragraph 16. b below.

e. Disposition of Hazardous Material. N/A

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

12. Application.

a. Category of Maintenance. AVUM, aircraft downtime will be charged to AVUM.

b. Estimated Time Required for Inspection.

(1) Total of 0.5 man-hours using one person.

(2) Total of 0.5 hours downtime for one end item.

c. Estimated cost impact of stock fund items to the field -- \$40,347.00

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. N/A

13. References.

- a. TM 1-1520-237-23-3
- b. TM 1-1520-250-23-3
- c. TB 1-1520-237-20-185 and TB 1-1520-250-20-10

14. Recording and Reporting Requirements.

a. Reporting Compliance Suspense Date (Aircraft). Upon entering requirements of this Technical Bulletin on DA Form 2408-13-1 on all subject Mission Design Series (MDS) aircraft, forward a priority message, Datafax or e-mail to Commander, AMCOM, ATTN: AMSAM-SF-A (SOF Compliance Officer), per AR 95-3. Datafax Number is DSN 788-8643 or Commercial (205) 842-8643. E-mail address is safeadm@redstone.army.mil. The report will cite this Technical Bulletin number, date of entry in DA Form 2408-13-1) the aircraft Mission Design Series and serial numbers of aircraft in numerical order.

b. Task/Inspection Reporting Suspense Date (Aircraft). No later than 30 days after the date of this TB. Report the results of this inspection to the logistical POC listed 16. B. Negative reports are required.

c. Reporting Compliance Suspense Date (Spares). N/A.

d. Task/Inspection Reporting Suspense Date (Spares). 15 days from the date of this TB.

e. The following forms are applicable and are to be completed in accordance with DA Pam 738-751, 15 Jun 92.

- (1) DA Form 2408-13, Aircraft Status Information Record.
- (2) DA Form 2408-13-1, Aircraft Inspection and Maintenance Record.
- (3) DA Form 2408-15, Historical Record for Aircraft.
- (4) DA Form 2408-5-1, Equipment Modification Record (Swashplate Assembly).
- (5) DA Form 2408-16, Aircraft Component Historical Record.
- (6) DA Form 2410, Component Removal and Repair/Overhaul Record.

15. Weight and Balance. N/A.

16. Points of Contact.

a. Technical point of contact for this TB is Mr. Mark Jeude, AMSAT-AR-EPD, DSN 788-7061 or commercial 205-842-7061.

b. Logistical point of contact for this TB is Mr. Joe Hoover, AMCPM-SFAE-AV-PH-L, DSN 645-7898 or commercial 205-955-7898. Datafax is 6702. E-mail is hoover-ji@redstone.army.mil.

c. Forms and Records point of contact for this TB is Ms. Ann Waldeck, AMSAM-MMC-RE-F, DSN 876-5564 or Commercial (205) 876-5564, waldeck-ab@redstone.army.mil.

d. Aviation systems directorate (SPARSEs) point of contact Mr, Dan Delao AMSAM-MMC-USC, DSN 897-1303. Datafax is 1556.

b. Forms and Records point of contact for this TB is Ms. Ann Waldeck, AMSAM-MMC-RE-F, DSN 876-5564 or Commercial (205) 876-5564, waldeck-ab@redstone.army .mil.

d. Aviation systems directorate (SPARSEs) point of contact Mr, Dan Delao AMSAM-MMC-USC, DSN 897-1303. Datafax is 1556.

e. Safety Point of contact for this TB is Mr. Dave Scott, ASAM-SF-A, DSN 788-8620 or commercial 205-842-8620, Datafax is 205-842-8643. E-mail is **Error! Bookmark not defined..**

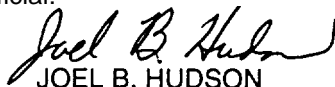
f. Foreign Military Sales (FMS), Recipients requiring clarification of action advised by this TB should contact Mr. Ronnie Sammons, AMSAM-SA-CS-NF, DSN 897-0869 or commercial 205-313-0869. Datafax is 205-313-0411. (Huntsville, AL is GMT minus 6 HRS)

After hours, contact AMCOM Command Operations Center (COC), DSN 897-2066/7 or Commercial (205) 313-2066/7.

17. Reporting of Errors and Recommending Improvements. You can help improve this TB. If you find any mistakes or if you know of a way to improve these procedures, Please let us know. You may submit your recommended changes by E-mail directly to **Error! Bookmark not defined..** A reply will be furnished directly to you. Instructions for sending an electronic 2028 may be found at the back of this manual.

By Order of the Secretary of the Army:

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ELECTRONIC DA FORM 2028 INSTRUCTIONS

The following format must be used if submitting an electronic 2028. The subject line must be exactly the same and all fields must be included; however, only the following fields are mandatory: 1, 3, 4, 5, 6, 7, 8, 9, 10, 13, 15, 16, 17, and 27.

From: "Whomever" <whomever@avma27.army.mil>

To: Is-lp@redstone.army.mil

Subject: DA Form 2028

1. **From:** Joe Smith
2. Unit: home
3. **Address:** 4300 Park
4. **City:** Hometown
5. **St:** AL
6. **Zip:** 77777
7. **Date Sent:** 19-OCT-93
8. **Pub No:** 55-2840-229-23
9. **Pub Title:** TM
10. **Publication Date:** 04-JUL-85
11. Change Number: 7
12. Submitter Rank: MSG
13. **Submitter Fname:** Joe
14. Submitter Mname: T
15. **Submitter Lname:** Smith
16. **Submitter Phone:** 123-123-1234
17. **Problem:** 1
18. Page: 2
19. Paragraph: 3
20. Line: 4
21. NSN: 5
22. Reference: 6
23. Figure: 7
24. Table: 8
25. Item: 9
26. Total: 123
27. **Text:**

This is the text for the problem below line 27.

