

URGENT

TB 1-1520-240-20-115

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

ALL CH-47D, MH-47D AND MH-47E AIRCRAFT, REPLACEMENT OF SUSPECT FORWARD AND AFT TRANSMISSION ASSEMBLIES WITH ONES THAT HAVE BEEN INSPECTED AND CLEARED FOR OPERATION

Headquarters, Department of the Army, Washington, D. C.
25 September 1999

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NOTE

THIS PUBLICATION IS EFFECTIVE UNTIL RESCINDED OR SUPERSEDED.

1. Priority Classification. Urgent

NOTE

See AR 95-1, paragraph 6-6A, for Exception Authority of Major Commanders.

a. Aircraft in Use. Safety of Flight message CH-47-SOF-99-02 placed all H-47 series aircraft on a red //X// condition status symbol. This message requirement shall be entered as a red dash //-// on the DA Form 2408-13-1. The red //X// imposed by CH-47-SOF-99-02 or the circled red //X// imposed by CH-47-99-04 may be cleared if the inspection procedures of paragraph 8 and the correction procedures of paragraph 9 of this message are complied with. Aircraft which remain on red //X// will be maintained in flyable storage with the following restrictions - perform ground run ups with engine condition levers (ECL) in the ground position, thrust in 3 degree detent and flight controls in neutral position.

- 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. Same as paragraph 1a.
 - (2) Ferry Status.
 - (a) Same as paragraph 1a.

This TB supersedes USAAMCOM Message 131557Z SEP 99 SOF CH-47-99-05.

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(b) Those aircraft that have a DD 250 and are at Boeing Helicopters will be inspected prior to ferry to final destination.

- e. Maintenance Trainers (Category A and B). Same as paragraph 1a.
- f. Component/Parts in Stock at All Levels (Depot and Others) including War Reserves. N/A.
- g. Components/Parts in Work (Depot Level and Others). Items listed in paragraphs 6 and 7 in work will not be issued until compliance with reference 13b and this TB.

2. Task/Inspection Suspense Date. N/A.

3. Reporting Compliance Suspense Date. No later than 05 October 1999 in accordance with paragraph 14a of this TB.

4. Summary of the Problem.

a. Safety of Flight messages CH-47-99-02, CH-47-99-03 and CH-47-99-04, grounded all H47 aircraft, provided inspection requirements and released for limited flight aircraft with 100% gear/bearing assemblies identified with the prefix "VB". This Technical Bulletin provides instructions for the issue of inspected and repaired transmissions and the return of transmissions requiring inspection and repair.

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

c. The purpose of this TB is to provide implementation instructions for safety of flight message CH-47-99-03, reference 13b.

5. End Items to be Inspected. All H-47 series aircraft.

6. Assembly Components to be Inspected.

NOMENCLATURE	PART NUMBER	NATIONAL STOCK NUMBER
TRANSMISSION, FORWARD	145D1300 - ALL	1615-01-317-6446
		1615-01-312-5162
		1615-01-296-3090
		1615-01-306-6971
		1615-01-216-3827
TRANSMISSION, AFT	145D2300 - ALL	1615-01-315-4071
		1615-01-327-1297
		1615-01-296-3091
		1615-01-307-4842
		1615-01-216-3829

7. Parts to be Inspected.N/A.

8. Inspection Procedures. Forward and aft transmission must have been inspected in accordance with reference 13b and the suffix "MG" must appear after the serial number.

NOTE

All existing transmissions will require depot level inspection and re-identification in accordance with reference 13b. Required DA Form 2410 and DA Form 2408-16 listing inspected/re-identified transmission and gear/bearing assemblies will be provided with the transmission.

9. Correction Procedures.

a. Transmissions identified with an "MG" serial number suffix are considered serviceable. If two serviceable transmissions are installed on same aircraft, the red "X" status symbol required by reference 13a or the circled red X required by reference 13c may be cleared.

b. Transmissions not identifiable with an "MG" serial number suffix and not cleared for limited flight by reference 13c are considered unserviceable at this time and shall remain on aircraft pending inspection in accordance with reference 13b.

10. Supply/Parts and Disposition.

a. Parts Required. 1 each forward and aft transmission provided by AMCOM.

b. Requisitioning Instructions. When assets become available after inspection and are returned to the inventory a free issue requisition will be generated by the wholesale (AMCOM) using AMCOM's DODAAC (W58HOZ) with the receiving units DODACC as the ship to address. No action is required by the units in this process.

c. Bulk and Consumable Materials. N/A.

d. Disposition. Transmissions returned for inspection and repair will by-pass the retail system to insure that no credit is provided to the unit. Units will re-use the container that the repaired transmissions were received in. Using the same document number that the asset was shipped under the units will ship the asset directly to the repair facility (CCAD or Boeing) in accordance with guidance provided by the logistical/wholesale points of contact. The unit will prepare a GBL for transportation using the AWCF second destination transportation fund cite provided to the unit by AMCOM.

e. Disposition of Hazardous Material. N/A.

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

12. Application.

a. Category of Maintenance. Report aircraft on a red //X// condition status symbol non mission capable maintenance (NMCM-Depot). Report aircraft on a circled red //X// condition status symbol fully mission capable (FMC) These instructions supercede all previous.

b. Estimated Time Required for Inspection. N/A.

c. Estimated Cost Impact 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. N/A.

13. References.

a. CH-47-99-02.

b. TB 1-1520-240-20-113, (CH-47-99-03).

c. TB 1-1520-240-20-114, (CH-47-99-04).

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 MDS aircraft, forward a priority message, datafax or E-Mail to Commander, AMCOM, ATTN: AMSAM-SF-A (SOF Compliance Officer), Redstone Arsenal, AL 35898-5000, in accordance with AR 95-1. Datafax number is DSN 897-2111 or commercial (256) 313-2111. E-Mail address is safeadm@redstone.army.mil. The report will cite this TB 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). N/A.

c. Reporting Message Receipt (SPARES). N/A.

d. Task/Inspection Reporting Suspense Date (SPARES). N/A.

e. The following Forms are applicable and are to be completed in accordance with DA Pam 738-751, 15 Mar 99.

NOTE

ULLS-A users will use applicable "E" Forms.

- (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.

15. Weight and Balance. N/A.

16. Points of Contact.

a. Technical point of contact for this TB is Mr. Matt Wesselschmidt, AMSAM-AR-E-I-C-H, DSN 897-3380 or commercial (256) 313-3380, datafax is (256) 313-4348. e-mail is "wesselschmidt-ml@redstone.army.mil".

b. Logistical point of contact for this TB is Mr. Bill Olson, SFAE-AV-CH-L, DSN 897-3379 or commercial (256) 313-3379, datafax is (256) 313-4348. E-mail is "olsonw@peoavn.redstone.army.mil".

c. Wholesale Materiel point of contact (SPARES) is Mr. Ed Holter, AMSAM-MMC-VS-UC, DSN 897-1125 or commercial (256) 313-1125, datafax is DSN 897-1558. E-mail is "holter-ec@redstone.army.mil".

d. Forms and Records point of contact for this TB is Ms. Ann Waldeck, AMSAM-MMC-RE-FF, DSN 746-5564 or commercial (256) 876-5564, datafax is DSN 746-4904. E-mail is "waldeck-ab@redstone.army.mil".

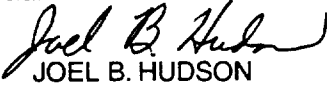
e. Safety point of contact for this TB is Mr. Robert D. Brock, AMSAM-SF-A, DSN 788-8632 or commercial (256) 842-8632. E-mail is "bob.brock@redstone.army.mil". The alternate point of contact is Mr. Howard Chilton, AMSAM-SF-A, DSN 897-2068 or commercial (256) 313-2068, datafax is DSN 897-2111 or commercial (256) 313-2111. E-mail is "howard.chilton@redstone.army.mil".

f. Foreign Military Sales (FMS) recipients requiring clarification of action advised by this TB should contact CW5 Joseph L. Wittstrom, Security Assistance Management, AMSAM-SA, DSN 897-0681, or commercial (256) 313-0681. E-mail is "wittstromjl@redstone.army.mil" or Mr. Ronnie Sammons, AMSAM-SA-CS-NF, DSN 897-0869 or commercial (256) 313-0869, datafax is DSN 897-0411 or commercial (256) 313-0411. E-mail is "sammonsrw@redstone.army.mil". Huntsville, AL is GMT minus 6 hours.

g. After hours contact the AMCOM COMMAND OPERATIONS CENTER (COC) DSN 897-2066/7 or commercial (256) 313-2066/7.

By Order of the Secretary of the Army:

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DISTRIBUTION:

To be distributed in accordance with Initial Distribution Number (ID) 313852, requirements for TB 1-1520-240-20-115.

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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: <ls-lp-@redstone.army.mil>

Subject: DA Form 2028

1. **From:** Joe Smith
2. **Unit:** home
3. **Address:** 4300 Park
4. **City:** Hometown
5. **St:** MO
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.

PIN: 077564-000