

# URGENT

TB 1-1520-240-20-143

## DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

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### REPLACEMENT DATE EXTENSION FOR MANDATORY INSPECTION OF FORWARD YOKE SHAFT ON ALL CH-47D, MH-47D AND MH-47E AIRCRAFT

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Headquarters, Department of the Army, Washington, D. C.  
11 January 2002

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

#### NOTE

THIS PUBLICATION IS EFFECTIVE UNTIL RESCINDED OR SUPERSEDED.

#### 1. Priority Classification. Urgent

#### NOTE

In accordance with AR 95-1, paragraph 6-6A, MACOM Commanders may authorize temporary exception from ASAM message requirements. Exception may only occur when combat operations or matter of life or death in civil disasters or other emergencies are so urgent that they override the consequences of continued aircraft operation.

a. Aircraft in Use. Upon receipt of this Technical Bulletin, make the following entry on the DA Form 2408-13-1. Enter a red horizontal dash // - // status symbol with the following statement: "Inspect the forward yoke shaft in accordance with CH-47-02-ASAM-02 (TB 1-1520-240-20-143) within the next 10 flight hours, but no later than 31 December 2001." Clear the red horizontal dash // - // entry when the procedures in accordance with paragraph 8 and 9 are completed. The affected aircraft shall be inspected as soon as practical but no later than 31 December 2001. Commanders who are unable to comply with the requirements of this Technical Bulletin within the time frame specified will upgrade the affected aircraft status symbol to a red // X //.

b. Aircraft in Maintenance --

- (1) Aircraft in AVUM, AVIM, or Depot Level Maintenance -- Same as paragraph 1a.
- (2) Aircraft at Contractor Facility --N/A.

This TB supersedes USAAMCOM Message 262030Z DEC 01 CH-47-02-ASAM-02.

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- c. Aircraft in Transit --
  - (1) Surface/Air Shipment -- Same as paragraph 1a.
  - (2) Ferry Status -- Same as paragraph 1a.
- d. Maintenance Trainers (Category A and B) -- Same as paragraph 1a.
- e. Components/Parts in Stock at All Levels (Depot and Others) including War Reserves -- N/A.
- f. Components/Parts in Work (Depot Level and Others) -- N/A.

**2. Task/Inspection Suspense Date.** Complete the inspection in accordance with paragraph 8 within the next 10 flight hours but no later than 31 December 2001 and report no later than 4 January 2002 in accordance with paragraph 14a(2).

**3. Reporting Compliance Suspense Date.** Report compliance in accordance with paragraph 14a (1) 4 January 2002.

### **4. Summary of the Problem.**

a. History -- CH-47-00-ASAM-08 (TB 1-1520-240-20-128) was issued to require inspection for insufficient paint coverage and/or corrosion on the inside bore of the forward yoke shaft (P/N 145C3051-1). If either condition was found, corrosion preventive compound (CPC) was to be applied and the shaft was to be replaced no later than 31 December 2001. It has been determined that an insufficient number of shafts are available to allow all units to be in full compliance with the ASAM.

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

c. The purpose of this Technical Bulletin is to --

(1) Conduct a records check to determine if the forward yoke shaft requires replacement in accordance with CH-47-00-ASAM-08 (TB 1-1520-240-20-128).

(2) If replacement is required, apply a new coat of CPC to the shaft.

(3) Extend the final replacement date for shafts which require replacement to 31 March 2002.

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

**6. Assembly Components to be Inspected.** -- N/A.

**7. Parts to be Inspected.** -- N/A.

### **8. Inspection Procedures.**

a. Check the DA Form 2408-13-1 to determine if replacement of the forward yoke shaft (P/N 145C3051-1) is required in accordance with CH-47-00-ASAM-08 (TB 1-1520-240-20-128).

b. If replacement is required, proceed to paragraph 9.

c. If replacement of the forward shaft yoke is not required, the inspection is complete and the red horizontal dash will be cleared.

### **9. Correction Procedures.**

a. Using a long handled brush or other suitable method, remove bulk of existing CPC, MIL-C-16173. Reapply a fresh coat of CPC, MIL-C-16173, Grade 2, onto the entire bore surface using a different long handled brush or other suitable method.

b. Clear the red diagonal \\\ entry on the DA Form 2408-13-1 that states: "Replace the forward yoke shaft in accordance with CH-47-00-ASAM-08 (TB 1-1520-240-20-128) no later than 31 Dec 01".

c. Clear the red horizontal // -- // required in accordance with paragraph 1a of this ASAM and enter a new red diagonal \\/ entry on the DA Form 2408-13-1 with the following statement: "Replace forward yoke shaft in accordance with CH-47-02-ASAM-02 (TB 1-1520-240-20-143) no later than 31 Mar 02".

**10. Supply/Parts and Disposition.**

- a. Parts Required. N/A.
- b. Requisitioning Instructions. N/A.
- c. Bulk and Consumable Materials. Corrosion-Preventive Compound, Cold Application, Grade 2, MIL-C-16173, 8030-00-244-1297.
- d. Disposition. N/A.
- e. Disposition of Hazardous Material. N/A.

**11. Special Tools and Fixtures Required.** As required.

**12. Application.**

- a. Category of Maintenance. AVUM. Aircraft downtime will be charged to AVUM.
- b. Estimated Time Required-
  - (1) Time to complete the records inspection -- Total of 0.5 man-hours using 1 person.
  - (2) Time for application of CPC if required --
    - (a) Total of 1 man-hours using 1 person.
    - (b) Total of 1 hour downtime for one end item.
- 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.** -- DA PAM 738-751, 15 MAR 99.

**14. Recording and Reporting Requirements.**

- a. Aircraft --
  - (1) Reporting Compliance Suspense Date -- Upon entering requirements of this Technical Bulletin on DA Form 2408-13-1 for all subject models aircraft, Commanders will forward a priority message, fax or e-mail to Commander, AMCOM, ATTN: AMSAM--SF-A (SOF Compliance Officer), Redstone Arsenal, AL 35898-5000, in accordance with AR 95-1. Fax number is DSN 897-2111 or commercial (256) 313-2111. E-Mail address is "safeadm@redstone.army.mil". The report will cite this message and TB number, date of entry in DA Form 2408-13-1, the aircraft mission design series and serial numbers of aircraft in numerical order.
  - (2) Task/Inspection Reporting Suspense -- No special report of the results of this inspection is required.
- b. Wholesale Spare Parts/Assemblies -- N/A.
- c. Retail Spare Parts/Assemblies -- N/A.

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d. 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 points of contact are -

(1) Primary - Mr. Steve Prorise, AMSAM-RD-AE-I-P-C, DSN 897-3377 or commercial (256) 313-3377, fax is DSN 897-4348 or commercial (256) 313-4348 .  
E-mail is "steve.prorise@redstone.army.mil".

(2) Alternate - Mr. Bill Oney, AMSAM-RD-AE-I-P-C, DSN 897-3336 or commercial (256) 313-3336, fax is DSN 897-4348 or commercial (256) 313-4348.  
E-mail is "bill.oney@redstone.army.mil".

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

c. Forms and Records point of contact is Ms. Ann Waldeck, AMSAM-MMC-MA-NM, DSN 746-5564 or commercial (256) 876-5564, fax is DSN 746-4904. E-mail is "ann.waldeck@redstone.army.mil".

d. Safety points of contact are -

(1) Primary - Mr. Harry Trumbull (SAIC), AMSAM-SF-A, DSN 897-2095 or commercial (256) 313-2095, fax is DSN 897-2111 or commercial (256) 313-2111.  
E-mail is "harry.trumbull@redstone.army.mil".

(2) Alternate - Mr. Russ Peusch, AMSAM-SF-A, DSN 788-8632 or 897-2091, commercial (256) 842-8632 or (256) 313-2091, fax is DSN 897-2111 or commercial (256) 313-2111. E-mail is "rus-sel.peusch@redstone.army.mil".

e. Foreign Military Sales recipients requiring clarification of action advised by this Technical Bulletin should contact -

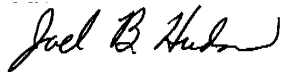
(1) Primary - Mr. Ronnie W. Sammons, AMSAM-SA-CS-NF, DSN 897-6856 or commercial (256) 313-6856, fax is DSN 897-6630 or commercial (256) 313-6630.  
E-mail is "ronnie.sammons@redstone.army.mil".

(2) Alternate - Mr. Paul W. Tarr, AMSAM-SA-CS-NF, DSN 897-6861 or commercial (256) 313-6861, fax is DSN 897-6630 or commercial (256) 313-6630.  
E-mail is "tarrpw@redstone.army.mil".

f. 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:

Official:



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**DISTRIBUTION:**

To be distributed in accordance with Initial Distribution Number (IDN) 314021, requirements for TB 1-1520-240-20-143.

**TB 1-1520-240-20-143**

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: <2028-@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.