

URGENT

***TB 1-1520-240-20-158**

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

**MANDATORY MAINTENANCE FOR ALL
AFT ROTARY WING HEAD ON ALL
CH-47D, CH-47F, MH-47D AND MH-47E AIRCRAFT**

**Headquarters, Department of the Army, Washington, D.C.
5 August 2005**

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

NOTE

This message is effective until rescinded or superseded.

NOTE

This message is issued IAW AR 95-1 and has not been transmitted to units subordinate to addressees. Addressees will immediately retransmit this message to all subordinate units, activities or elements affected or concerned. MACOMS will immediately verify this transmission to the AMCOM SOF Compliance Officer (AMSAM-SF-A, SAFEADM@REDSTONE.ARMY.MIL).

NOTE

MACOM Commanders may authorize temporary exception from message requirements IAW AR 95-1, Chapter 6. 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.

NOTE

Commanders unable to comply with the requirements of this message within the time frame specified will change the affected aircraft status symbol to a Red //X//.

Summary

1.1. Background - CH-47-05-ASAM-01, issued on 14 October 04, directed the demilitarization of some aft rotary wing heads (PNS 145R2004-18 and -20). The original intent of the ASAM was to only demilitarize the suspect pitch housings (PNS 145R2075- 2, -12, -14 and -16) from the aft rotary wing head serial numbers listed in the ASAM.

1.2. Message Purpose - Correct disposition of aft rotary wing heads identified for removal IAW CH-47-05-ASAM-01.

End Items Affected All H-47 Series Aircraft.

Assemblies/Components/Parts Affected Suspect/discrepant assemblies/components/parts:

* This TB 1-1520-240-20-158 supersedes, MSG DTG 211121Z July 2005 CH-47-05-ASAM-02.

NOMENCLATURE	PN	NSN
AFT ROTARY WING HEAD	145R2004-18	1615-01-315-3972
	145R2004-20	1615-01-391-4399

NOTE

When complying with the requirements of this message, complete forms and records entries IAW DA PAM 738-751. ULLS-A units will use appropriate "E" forms.

4. Initial TAMMS (The Army Maintenance Management System) Compliance Requirements

4.1. Upon receipt of this message make the following Entry on the DA Form 2408-13-1: Enter a Red Horizontal Dash //-- status symbol with the following statement: "Comply with requirements of CH-47-05-ASAM-02 NLT 4 August 2005."

NOTE

The TAMMS Compliance Reporting form is available at "www.redstone.army.mil/sof/tamms.xls" (use lower case letters only) or may be obtained from the units servicing LAR. Alternate forms may be approved by the AMCOM SOF Compliance Officer.

NOTE

The TAMMS Compliance Report only confirms the unit has made the initial logbook entry for assigned aircraft. TAMMS compliance reports will include aircraft serial numbers (in numerical order), date of entry on DA Form 2408-13-1, unit address, local POC name and phone number.

4.2. TAMMS Compliance Report - Submit TAMMS compliance report via priority Email to "safeadm@redstone.army.mil" NLT 28 July 2005 IAW AR 95-1. If email is not available, the report may be faxed to: SOF Compliance Officer at DSN 897-2111 or (256) 313-2111.

5. Task/Inspection Compliance Reporting Requirements

NOTE

The task/inspection reporting form is available at "www.redstone.army.mil/sof/log.xls" (use lower case letters only) or may be obtained from the units servicing LAR. This report will cite the message number, date of inspection, aircraft serial number, aircraft hours, component serial number, component hours, and results of the inspection.

- 5.1. Aircraft - Submit initial task/inspection report for this message to Log POC NLT 7 August 2005.
- 5.2. Retail stock (installation level and below) submit task/inspection compliance report for this message to Log POC NLT 7 August 2005.
- 5.3. Wholesale stock (including depot stock, depot maintenance and single stock fund) - Report compliance with this message IAW para 8 to wholesale POC NLT 7 August 2005.

6. Special Provisions To Message Requirements (Aircraft)

- 6.1. Aircraft in AVIM or depot level maintenance - Commanders, facility managers and contractors will not issue aircraft until they are in compliance with this message.
- 6.2. Aircraft at contractor facility - DD 250 aircraft will be in compliance with this message prior to departure.

6.3. Aircraft in transit - Unit commanders in receipt of deployment orders will comply with message requirements within 14 days of arrival.

7. Technical Procedures/Instructions

7.1. Conduct an inspection of the aft rotary wing head (PNS 145R2004-18 and -20) to determine if one of the following serial numbered parts are installed or in stock. A5-34, A5-56, A5-70, A5-79, A5-178, A5-295, A5-362, A5-403, A5-404, A5-405, A5-464, A5-479, A5-668, A5-748, A5-769, A5-834, A5-906, A5-971, A5-1043, A5-1052, A5-1064, A5-1088, A5-1100, A5-1124, A5-1129, A5-1154, A5-1203, A5-1237, A5-1258, A5-1415, A5-1548.

7.2. If any of the above assemblies are identified as unserviceable and tagged for demilitarization, the assembly is to be retagged as unserviceable/repairable.

7.3. If a records search shows that suspect pitch housings have been replaced by an OLR site IAW CH-47-05-ASAM-01 or the head was overhauled after 14 October 2004, the assembly does not require replacement as directed IAW CH-47-05-ASAM-01.

7.4. All pitch housings removed from these assemblies IAW CH-47-05-ASAM-01 by either an OLR or depot will be demilitarized IAW TM 1-1500-328-23 and disposed of using normal procedures to DRMO.

7.5. Clear the initial entry from para 4.1 and note compliance on DA Form 2408-5-1 (AFT rotor head assembly).

8. Procedures/Instructions For Assemblies/Components/Parts In Work Or In Stock (At All Levels Including War Reserves) - Annotate the serviceability tag with: "CH-47-05-ASAM-02, aft rotary wing head, not complied with." Do not remove original condition tags.

8.1. Items in retail stock - commanders and facility managers that maintain retail stock at installation level and below will complete the following procedures.

8.1.1. Suspend issue of affected items until in compliance with message requirements.

8.1.2. Contact the supported aviation unit, as required, to perform the procedures required on affected items.

8.1.3. Comply with inspection and correction procedures as required to return items to serviceable stock.

8.1.4. Submit a task/inspection report to Log POC IAW para 5.

8.2. Items in single stock fund and in work (overhaul/repair facility).

8.2.1. Items listed in para 3 will not be issued until they are in compliance with this message.

8.2.2. Submit task/inspection compliance report to wholesale POC IAW para 5.

8.3. Items in wholesale stock - Depot storage facilities will complete the following procedures:

8.3.1. Suspend issue of affected items until in compliance with message requirements. Commanders and facility managers will ensure all items in condition codes //A//, //B//, //C//, //D//, and //E// that are affected by this message are placed in condition code //J// and tagged with a suspended tag/label - materiel, DD Form 1575/DD Form 1575-1. Do not remove original condition tags.

8.3.2. Submit DD Form 1225 (storage quality control report) to the wholesale POC. Include an estimate of the cost reimbursable funding required to move serviceable items on hand affected by message to a work area, unpack the materiel, repack the materiel after inspection, and to return the materiel to storage, as appropriate. Report, by original serviceable condition code, the quantity of materiel placed in condition code //J//.

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8.3.3. Comply with additional instructions provided by the wholesale POC to return items to their original condition code.

9. Special Tools And Fixtures Required - N/A.

10. Supply/Parts (Requisition/Disposition) - N/A.

11. Maintenance Application

11.1. Categories of maintenance - AVUM.

11.2. Estimated time required to complete inspection - total of 0.5 man-hours using 1 person with no "Not Mission Capable Maintenance" (NMCM) time per end item.

12. Publication Requirements

12.1. References:

12.1.1. AR 95-1.

12.1.2. AR 200-1.

12.1.3. DA PAM 738-751.

12.1.4. TM 55-1520-240-23 and 23P.

12.1.5. DMWR 55-1615-296.

12.1.6. TM 1-1500-328-23.

12.1.7. DOD 4160.21-M-1.

12.2. Publication changes - N/A.

13. Points Of Contact

13.1. Technical POCs are:

13.1.1. Primary - Mr. Keith Clancy, AMSRD-AMR-AE-C, DSN 897-3375 or (256) 313-3375. Fax is (256) 313-4726. Email is "Keith.Clancy@us.army.mil".

13.1.2. Alternate - Mr. Tim Rickmeyer, AMSRD-AMR-AE-C, DSN 645-6485, or (256) 955-6485. Fax is (256) 313-4726. Email is "Timothy.Rickmeyer@us.army.mil".

13.2. Logistical POCs are:

13.2.1. Primary - Mr. Bill Olson, SFAE-AV-CH-CS, DSN 897-0721 or (256) 313-0721. Fax is 897-4726 or (256) 313-4726. Email is "William.Olson@us.army.mil".

13.2.2. Alternate - Matt Wesselschmidt, SFAE-AV-CH-CS, DSN 897-0734 or (256) 313-0734. Fax is 897-4348 or (256) 313-4348. Email is "Matthew.Lee.Wesselschmidt@us.army.mil".

13.3. Wholesale materiel POC (spares) is Mr. Phil Batey, AMSAM-MMC-AV-CA, DSN 897-3369 or (256) 313-3369. Fax is DSN 897-4348. Email is "Phillip.Batey@us.army.mil".

13.4. Forms and records POCs are:

13.4.1. Primary - Ms. Ann Waldeck, AMSAM-MMC-MA-NM, DSN 746-5564 or (256) 876-5564. Fax is DSN 746-4904 or (256) 876-4904. Email is "Ann.Waldeck@redstone.army.mil".

13.4.2. Alternate - Ms. Sibyl Johnson, AMSAM-MMC-MA-NM, DSN 788-6696 Or (256) 842-6696. Fax is DSN 746-4904 or (256) 876- 4904. Email is "Sibyl.Johnson@redstone.army.mil".

NOTE

A listing of published safety messages can be viewed at "<https://ams14.redstone.army.mil/safety/sof/index.html>". This is a secured website which requires an Army Knowledge Online (AKO) ("www.us.army.mil") ID and password.

13.5. Safety POCs are:

13.5.1. Primary - Mr. Harry Trumbull (SAIC), AMSAM-SF-A, DSN 897-2095 or (256) 313-2095. Fax is DSN 897-2111 or (256) 313- 2111. Email is "Harry.Trumbull@us.army.mil".

13.5.2. Alternate - Mr. Russell Peusch, AMSAM-SF-A, DSN 788-8631 or (256) 842-8632. Fax is DSN 897-2111 or (256) 313-2111. Email is "Russell.Peusch@us.army.mil".

13.6. Foreign military sales POC is Mr. Ronnie W. Sammons, AMSAM-SA-AS-UT, DSN 897-0875 or (256) 313-0875. Fax is DSN 897-0411 or (256) 313-0411. Email is "Ronnie.Sammons@redstone.army.mil".


13.7. After hours, contact the AMCOM Operations Center (AOC) DSN 897-2066/7 or (256) 313-2066/7.

14. Reporting of Errors and Recommending Improvements.

You can help improve this publication. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to: Commander, U.S. Army Aviation and Missile Command, ATTN: AMSAM-MMC-MA-NP, Redstone Arsenal, AL 35898-5000. You may also submit your recommended changes by E-Mail directly to 2028@redstone.army.mil or by fax (256) 842-6546/DSN 788-6546. A reply will be furnished directly to you. Instruction for sending an electronic 2028 may be found at the back of this publication.

By Order of the Secretary of the Army:

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These are the instructions for sending an electronic 2028

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@wherever.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.

PIN: 082627-000