

UNCLASSIFIED

MSG DTG 191445Z AUG 09

FROM COMMANDER, AMCOM, REDSTONE ARSENAL, AL //AMSAM-SFA//

SUBJECT - AVIATION MAINTENANCE ACTION MESSAGE (AMAM),
MAINTENANCE MANDATORY, ALL OH-58A/C SERIES AIRCRAFT, MAIN ROTOR
HUB ASSEMBLY SPACER RING, H-58-09-AMAM-06

NOTE

This message is effective until rescinded or superseded.

NOTE

This message is issued IAW AR 750-6 and has not been officially transmitted to units subordinate to addressees. Commanders of Army Commands (AC), Army National Guard (ARNG), United States Army Reserve (USAR), Army Service Component Commands (ASCC), and Direct Reporting Units (DRU) will immediately retransmit this message to all subordinate units, activities or elements affected or concerned, and immediately confirm this re-transmittal by notification to the AMCOM SOF Compliance Officer at ["safeadm@conus.army.mil"](mailto:safeadm@conus.army.mil).

NOTE

Commanders or Directors (not lower than the grade of Major General or civilian equivalent) of ACs, ARNG, USAR, ASCCs, and DRUs may authorize temporary exception from message requirements IAW AR 750-6, para 2-9. Exception may only occur when combat operations, 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//.

NOTE

Commanders, Facility Managers, and Contractors at all levels, to include DD 250 aircraft, will not issue aircraft until they are in compliance with this message.

NOTE

A listing of published safety messages, to include TAMMS Reports, Inspection Reports, and any Supplements/Addendums required by this message can be downloaded at: ["https://asmprd.redstone.army.mil"](https://asmprd.redstone.army.mil). This is a secure website which requires an Army Knowledge Online (AKO), ["https://www.us.army.mil"](https://www.us.army.mil), user ID and password.

1. SUMMARY -

1.1. Background - A recent report from the field indicated that an obsolete Spacer Ring, PN 206-010-113-5B, for the Main Rotor (MR) Hub Assembly was discovered in the supply system. The obsolete Spacer Ring has the same NSN, 5365-00-121-6443, as the authorized Spacer Ring, PN 206-010-113-5. The packaging for the obsolete Spacer Ring (see Addendum) was also found to include the authorized PN ending with -5), confusing the situation even more. The only way to verify the correct Spacer Ring is through visual inspection of the part. The only unique characteristic found on the packaging for the obsolete spacer is the printed Cage Code "FSCM 8N334". This part was last procured by DLA in 1989; however, it does not meet current specifications and shall not be used.

1.2. Message Purpose - Require a one-time inspection to remove obsolete Spacer Rings from service.

2. END ITEMS AFFECTED - All OH-58A/C series aircraft.

3. ASSEMBLIES/COMPONENTS/PARTS AFFECTED -

3.1. Suspect Assemblies/Components/Parts -

Nomenclature	PN	NSN
Spacer, Ring	206-010-113-5B	5365-00-121-6443

3.2. Additional Assemblies/Components/Parts Affected -

Nomenclature	PN	NSN
Hub, Rotor, Helicopter	ALL	ALL

4. INITIAL AIRCRAFT TAMMS (THE ARMY MAINTENANCE MANAGEMENT SYSTEM) ENTRY -

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. ULLS-A units will use appropriate "E" forms.

Upon receipt of this message, make the following entry on DA Form 2408-13-1. Enter a Red Horizontal Dash //-// status symbol with the following statement: "Comply with requirements of H-58-09-AMAM-06 NLT 19 August 2012." Recommend compliance at next MR Hub disassembly.

5. COMPLIANCE REPORTING REQUIREMENTS -

NOTE

Report compliance with this message, as defined below, via the AMCOM Message Tracking System (AMTRACKS) at ["https://amtracks.redstone.army.mil"](https://amtracks.redstone.army.mil). Unit personnel designated to submit compliance reports, that have not registered with AMTRACKS, must establish a profile at this web site before submitting their compliance reports.

5.1. Aircraft Initial Compliance Report - Submit Initial Compliance Report via AMTRACKS NLT 26 AUG 09 IAW AR 750-6. The Initial Compliance Report consists of the Aircraft SN, MDS, and Date of Initial TAMMS Entry for all assigned aircraft. This report only confirms that the unit has made the initial logbook entry.

5.2. Aircraft Final Compliance Report - Submit Final Compliance Report via AMTRACKS within 3 days of the inspection, but NLT 19 August 2012 IAW AR 750-6. This report will include Date of Inspection, Component PN (MR Hub), Component SN (MR Hub), Inspection Results/Comments (enter "PASS" if the suspect part is NOT installed, or "FAIL" if the suspect part is installed), and check the box "Entered on DA Form 2408-5-1" (MR Hub).

5.3. Retail Stock Task/Inspection Compliance Report (Installation level and below) - Submit Retail Stock Task/Inspection Compliance Report via AMTRACKS NLT 19 NOV 09 IAW AR 750-6. This report will include the MR Hub Assembly Nomenclature, PN, SN, and Inspection Results (enter "PASS" or "FAIL").

5.4. Wholesale Stock Task/Inspection Compliance Report (Including Depot Stock, Depot Maintenance and Single Stock Fund) - Report compliance with this message IAW para 8 to the Item Manager in para 13.3 NLT 19 NOV 09.

6. SPECIAL PROVISIONS TO MESSAGE REQUIREMENTS (AIRCRAFT) - N/A.

7. TECHNICAL PROCEDURES/INSTRUCTIONS -

NOTE

This message includes a required Addendum. If the Addendum is not included with this message, it may be viewed/downloaded at ["https://asmprd.redstone.army.mil"](https://asmprd.redstone.army.mil). This is a secure website which requires an Army Knowledge Online (AKO), ["https://www.us.army.mil"](https://www.us.army.mil), user ID and password.

NOTE

Unless otherwise stated, all Maintenance Tasks will be performed IAW TM 55-1520-228-23.

7.1. Remove MR Hub Assembly IAW TM (para 5-8).

NOTE

The packaging of the obsolete Spacer Ring (see Addendum) was found to include the correct NSN and the "authorized" PN 206-010-113-5 in error. The only way to verify an authorized Spacer Ring is through visual inspection of the part.

7.2. Disassemble MR Hub Assembly (AVIM level) IAW TM (para 5-16). Inspect MR Hub Assembly for the installation of obsolete Spacer Ring, PN 206-010-113-5B. This obsolete Spacer Ring is easily identifiable by the presence of a "milled groove" on the inside and outside diameter of the ring (see Addendum).

7.2.1. If obsolete Spacer Ring is NOT found, inspection is complete. Proceed to para 7.3.

7.2.2. If obsolete Spacer Ring is found, remove and replace Spacer Ring IAW TM (para 5-33).

7.3. Reassemble MR Hub Assembly IAW TM (para 5-22 thru 5-36).

7.4. Reinstall MR Hub Assembly IAW TM (para 5-10).

7.5. Clear the initial entry from Paragraph 4 and note compliance on DA Form 2408-5-1 (MR Hub).

8. PROCEDURES/INSTRUCTIONS FOR ASSEMBLIES/COMPONENTS/PARTS IN WORK OR IN STOCK (AT ALL LEVELS INCLUDING WAR RESERVES) -

Annotate the serviceability tag with: "Main Rotor Hub Assembly Spacer Ring, H-58-09-AMAM-06, 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. Contact the supported aviation unit, as required, to perform the procedures required on affected items.

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

- 8.1.3. Submit a Task/Inspection report IAW para 5.
- 8.2. Items in Wholesale Stock, Single Stock Fund, and in Work (Overhaul/Repair Facility) -
- 8.2.1. Submit Task/Inspection Compliance Report IAW para 5.
- 8.2.2. Comply with additional instructions provided by the Item Manager in para 13.3.

9. SPECIAL TOOLS AND FIXTURES REQUIRED - N/A.

10. SUPPLY/PARTS (REQUISITION/DISPOSITION) -

10.1. Parts Required -

Nomenclature	PN/NSN	Qty	Cost ea.	Total \$
Spacer, Ring	206-010-113-5	2	\$94.21	\$188.42
	5365-00-121-6443			
Total cost per aircraft = \$188.42				

10.2. Bulk and Consumable Materials -

Nomenclature	PN	NSN	Qty
Nut, Self-Locking	206-011-119-1	5310-00-083-7119	4
Packing, Preformed	AN6227-13	5331-00-884-6965	4
Nut, Self-Locking	EB9025-14	5310-00-133-3671	4
Nut, Self-Locking	MS21042L5	5310-00-807-1476	6
Packing, Preformed	MS29561-248	5331-00-726-1236	2
Seal, Retainer Assy	206-011-129-3	1680-01-098-7498	4
Packing, Preformed	MS29561-230	5331-00-726-7027	2
Packing, Preformed	AS3582-331	5331-00-455-0388	2
Packing, Preformed	MS29561-008	5331-00-580-5937	4
Packing, Preformed	MS9241-115	5331-00-809-7322	4
Excluder, Sleeve Assy	S30769	1680-01-100-1728	2
Nut, Self-Locking	EB048	5310-00-488-9137	8
Nut, Self-Locking	MS21042L4	5310-00-807-1475	1
Pin, Cotter	MS24665-134	5315-00-839-5820	2
Nut, Self-Locking	MS17825-5	5310-00-900-9421	2

NOTE

Project Code "XEH" (X-ray Echo Hotel) is required to track and establish a data base of stock fund expenditures incurred by the field as a result of message actions.

10.3. Requisitioning Instructions - Requisition replacement parts using normal supply procedures. All requisitions shall use Project Code "XEH".

10.4. Disposition of Discrepant Parts/Components - Dispose of using normal supply procedures.

10.5. Disposition of Hazardous Material - N/A.

11. MAINTENANCE APPLICATION -

11.1. Category of Maintenance - AVUM/AVIM.

11.2. Estimated Time Required -

11.2.1. Time to complete inspection - Total of 8.0 man-hours using 2 persons (AVUM level).

NOTE

The time stated below does not include time for Maintenance Operational Checks or Maintenance Test Flights.

11.2.2. Time for repair/replacement -Total of 8.0 man-hours using 1 person (AVIM level).

12. PUBLICATION REQUIREMENTS -

12.1. References -

12.1.1. AR 750-6.

12.1.2. DA Pam 738-751.

12.1.3. TM 55-1520-228-23.

12.2. Publication Changes -

12.2.1. TM 55-1520-228-23P, page 58-2, Fig 58, Item 43.

Replace current NSN and PN: 568-331S59 with
NSN 5531-00-455-0388, PN AS3582-331.

12.2.2. TM 55-1520-228-23P, page I-219, change cross reference index.

13. POINTS OF CONTACT -

13.1. Technical POCs -

13.1.1. Primary - Mr. Ahmad Kharofa (Avion Inc),
DSN 788-1389 or (256) 842-1389. Fax: (DSN) 788-6758
or (256) 842-6758. Email: ahmad.kharofa@peoavn.army.mil.

13.1.2. Alternate - Mr. Jay Wicker, DSN 897-2377 or
(256) 313-2377. Fax: (DSN) 788-6758 or (256) 842-6758.
Email: jay.wicker@peoavn.army.mil.

13.2. Project/Product Manager's (PM) Office POC -
Mr. Howard Lee Reeves, DSN 645-9701 or (256) 955-9701.
Fax: DSN 645-7125 or (256) 955-7125.
Email: howard.reeves@peoavn.army.mil.

13.3. Wholesale Materiel POC (DLA) - Ms. Susan Wallace,
DSN 695-4492 or (804) 279-4492.
Email: susan.wallace@dla.mil.

13.4. Forms and Records POCs -

13.4.1. Primary - Ms. Ann Waldeck, DSN 746-5564 or
(256) 876-5564. Email: ann.waldeck@conus.army.mil.

13.4.2. Alternate - Mr. David Derbort, DSN 746-5151 or
(256) 876-5151. Email: david.derbort@conus.army.mil.

13.5. AMCOM Safety POCs -

13.5.1. Primary - Mr. Frank Rosebery (SAIC), DSN 788-8631 or
(256) 842-8631. Email: james.rosebery@conus.army.mil.

13.5.2. Alternate - Mr. Don Swallom, DSN 788-8641 or
(256) 842-8641. Email: donald.swallom@conus.army.mil.

13.6. Foreign Military Sales POCs -

13.6.1. Primary - Mr. Tom Gibson, DSN 788-1077 or
(256) 842-1077. Email: ["thomas.b.gibson@us.army.mil"](mailto:thomas.b.gibson@us.army.mil).

13.6.2. Alternate - Ms. Brenda Goff, DSN 897-0890 or
(256) 313-0890. Fax: DSN 897-0411 or (256) 313-0411.

Email: ["brenda.goff@conus.army.mil"](mailto:brenda.goff@conus.army.mil).

13.7. After hours, contact the AMCOM Operations Center (AOC),
DSN 898-2066/7 or (256) 313-2066/7.