

UNCLASSIFIED

MSG DTG 221330Z APR 09

FROM COMMANDER, AMCOM, REDSTONE ARSENAL, AL //AMSAM-SF-A//

SUBJECT - AVIATION SAFETY ACTION MESSAGE (ASAM), MAINTENANCE
MANDATORY, ALL OH-58A/C SERIES AIRCRAFT, MAIN ROTOR (MR) PITCH
HORN TRUNNION BEARING, H-58-09-ASAM-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This message is effective until rescinded or superseded.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 retransmittal 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 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.

1. SUMMARY -

1.1. Background - Bell Helicopter has received a report of a Main Rotor (MR) Pitch Change Trunnion Bearing found without a lubrication passage drilled in the portion of the bearing that fits inside the Pitch Horn Assembly. This passage is used for lubrication of the Trunnion Bearing.

1.2. Message Purpose - Require a one-time inspection of MR Pitch Horn Trunnion Bearings for lubrication passage.

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

3. ASSEMBLIES/COMPONENTS/PARTS AFFECTED -

3.1. Suspect Assemblies/Components/Parts -

Nomenclature	PN	NSN
Trunnion Assy, MR	206-011-105-001	1615-00-125-4089

3.2. Additional Assemblies/Components/Parts Affected -

Nomenclature	PN	NSN
Hub, Rotor, Helicopter	206-011-100-131	1615-01-092-6746
Hub, Rotor, Helicopter	206-011-100-143	1615-01-129-6508

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 AIRCRAFT TAMMS (THE ARMY MAINTENANCE MANAGEMENT SYSTEM) ENTRY - 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-ASAM-06 before [####.#] aircraft hours, but NLT 6 MAY 09." Calculate [####.#] as current aircraft flight hours plus 10 hours.

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. All reporting requirements will be accomplished as part of the "Final Compliance Report".

5.2. Aircraft Final Compliance Report - Submit Final Compliance Report via AMTRACKS NLT 9 MAY 09 IAW AR 750-6. This report will include Aircraft SN, MDS, Date of Initial TAMMS Entry, Inspection Results/Comments (enter either "PASS" or "FAIL"), and check the box "Entered on the DA Form 2408-5-1 (Main Rotor Hub).

5.3. Retail Stock Task/Inspection Compliance Report (Installation level and below) - Submit Retail Stock Task/Inspection Compliance Report via AMTRACKS NLT 6 MAY 09 IAW AR 750-6. This report will include the Nomenclature, PN, and the Inspection Results (enter the total number of Trunnion Bearings on hand, the number that PASS, and the number that FAIL).

5.4. Wholesale Stock Task/Inspection Compliance Report (Including Depot Stock, Depot Maintenance and Single Stock Fund) - N/A.

6. SPECIAL PROVISIONS TO MESSAGE REQUIREMENTS (AIRCRAFT) - Aircraft in Transit (Surface/Air Shipment/Ferry Status/ Aircraft Away From Home Station) - Unit Commanders unable to comply with the requirement specified in para 4 may defer making the initial Aircraft TAMMS entry until arrival at final destination. Adjust the date in the TAMMS Entry to be NLT 14 days after arrival at destination.

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. Lubricate the MR Pitch Horn Trunnion Bearing (Chapter 1, Section II, Lubrication, page 1-29). Also refer to the Addendum to H-58-09-ASAM-06.

7.1.1. If the bearing cannot be purged (lubricated normally), proceed to para 7.2.

7.1.2. If bearing can be purged (lubricated normally), the inspection is complete. Proceed to para 7.3.

7.2. If the bearing cannot be purged (lubricated normally), perform the following.

7.2.1. Make the following entry on the DA Form 2408-13-1. Enter a Red //X// status symbol with the following statement: "[xxx] MR Pitch Horn Trunnion Bearing unserviceable IAW H-58-09-ASAM-06." Replace [xxx] with either Red or White, as applicable, to identify which Pitch Horn Trunnion Bearing requires replacement.

7.2.2. Replace with a serviceable bearing (page 5-55, para 5-91 through para 5-95).

7.3. Clear the initial entry from para 4 and note compliance on DA Form 2408-5-1 (Main Rotor 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 (MR) Pitch Horn Trunnion Bearing, H-58-09-ASAM-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. 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. Referring to the Addendum to H-58-09-ASAM-06, visually inspect bearings for a lubrication passage. If the bearing is found unserviceable, dispose of IAW para 10.4.

8.1.4. Submit a Task/Inspection report IAW para 5.3.

8.2. Items in Single Stock Fund and in Work (Overhaul/Repair Facility) - Items listed in para 3 will not be issued until they are in compliance with this message.

8.3. Items in Wholesale Stock - Annotate the Serviceability Tag all the items in para 3.2. IAW para 8 of this ASAM.

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

10. SUPPLY/PARTS (REQUISITION/DISPOSITION) -

10.1. Parts Required -

Nomenclature	PN/NSN	Qty	Cost ea.	Total \$
Trunnion	206-011-105-001	2	\$741.04	\$1482.08
Assy, MR	1615-00-125-4089			

Total cost per aircraft = \$1482.08

10.2. Bulk and Consumable Materials -

Nomenclature	PN	NSN
Grease, Aircraft	MIL-PRF-81322	9150-01-262-3358

NOTE

Project Code "X5W" (X-ray Five Whiskey) 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 (CC 57-59) "X5W".

10.4. Disposition Instruction - Unit will submit a Category 2 Production Quality Deficiency Report (CAT 2 PQDR). Hold pending disposition instructions from Technical POC. If instructed to dispose of using normal supply procedures, all turn-in documents must include Project Code (CC 57-59) "X5W".

10.5. Disposition of Hazardous Material - N/A.

11. MAINTENANCE APPLICATION -

11.1. Category of Maintenance - AVUM.

11.2. Estimated Time Required -

11.2.1. Time to complete inspection - Total of 1.0 man-hour using 1 person.

NOTE

The time stated below does not include time for Maintenance Operational Checks (MOC) or Maintenance Test Flights (MTF), if required.

11.2.2. Time for repair/replacement - Total of 2.0 man-hours using 2 persons.

12. PUBLICATION REQUIREMENTS -

12.1. References -

12.1.1. AR 750-6.

12.1.2. DA Pam 738-751.

12.1.3. TM 55-1520-228-23-1.

12.1.4. TM 1-1500-328-23.

12.2. Publication Changes - N/A.

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: 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: 788-6758 or (256) 842-6758. Email: "jay.wicker@peoavn.army.mil".

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

"howard.reeves@peoavn.redstone.army.mil".

13.3. Wholesale 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. Harry Trumbull (SAIC), DSN 897-2095 or (256) 313-2095. Email: "harry.trumbull@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. George Ashmore (CAS), DSN 788-1094 or (256) 842-1094. Email: "george.ashmore1@us.army.mil".

13.6.2. Alternate - Mr. Tom Gibson, DSN 788-1077 or (256) 842-1077. Email: "thomas.b.gibson@us.army.mil".

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