

UNCLASSIFIED

MSG DTG 211130Z JUN 10

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

**SUBJECT - AVIATION MAINTENANCE ACTION MESSAGE (AMAM),
MAINTENANCE MANDATORY, ALL OH-58A/C SERIES AIRCRAFT, MAIN
ROTOR MAST, H-58-10-AMAM-10**

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This message is effective until rescinded or superseded.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".

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>". This is a secure website which requires an Army Knowledge Online (AKO), "<https://www.us.army.mil>", user ID and password.

1. SUMMARY -

1.1. Background - The field has reported receiving new OH-58A/C Main Rotor (MR) Masts in which the threaded portion of Mast was incorrectly machined. During installation of the Mast Bearing Retaining Plate Nut, the nut will not fully seat. Records indicate that 44 affected Masts were delivered to the Army.

1.2. Message Purpose - Inspect for and remove from service suspect MR Masts.

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

3. ASSEMBLIES/COMPONENTS/PARTS AFFECTED - Suspect

Assemblies/Components/Parts -

Nomenclature	PN	NSN
Mast Assembly, Main	206-010-332-121	1615-01-195-6279

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.

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-58-10-AMAM-10 before [####.#] aircraft hours, but NLT 7 JUL 10." Calculate [####.#] as current aircraft flight hours plus 10 hours.

5. COMPLIANCE REPORTING REQUIREMENTS -

5.1. Aircraft Initial Compliance Report - 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 10 JUL 10 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 the MR Mast SN"), and check the box "Entered on DA Form 2408-15".

5.3. Retail Stock Task/Inspection Compliance Report (Installation level and below) - Submit a Stock Compliance

Report via AMTRACKS NLT 10 JUL 10 IAW AR 750-6. This report will include component Nomenclature, PN, SN, and the Inspection Results (enter either "PASS" or "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 an optional Supplement. If the Supplement is not included with this message, it may be viewed/downloaded at "<https://asmprd.redstone.army.mil>". This is a secure website which requires an Army Knowledge Online (AKO), "<https://www.us.army.mil>", user ID and password.

7.1. AIRCRAFT INSPECTION PROCEDURES - Determine if a MR Mast from the following SN list is installed.

NOTE

ALL suspect MR Mast SNs will begin with suffix "N-FS".

NOTE

If any of these Masts had been properly machined, it could have been properly installed on an aircraft.

9754 thru 9761	9763 thru 9767	9775	9776	9778
9780	9781	9783	9784	9787
9788	9789	9791		
9792	9796	9797	9799	9800
9801	9804	9806		
9807	9818	9822	9839	9847
9858	9861	9862		
9863	9867	9869	9870	

7.1.1. If a suspect MR Mast IS installed, perform the following.

7.1.1.1. Contact Technical POC listed in para 13.1 for additional instructions. DO NOT change the aircraft status until contacting the Technical POC.

7.1.1.2. After contacting the Technical POC and in receipt of follow on instructions, clear the initial entry from para 4 and note compliance on DA Form 2408-15.

7.1.2. If a suspect Mast is NOT installed, the inspection is complete. Clear the initial entry from para 4 and note compliance on DA Form 2408-15.

NOTE

The following inspection procedure is for items in stock ONLY. DO NOT perform this inspection on items installed on aircraft.

7.2. **STOCK INSPECTION PROCEDURES** - Determine if any MR Masts listed in para 7.1 are in stock. If a suspect MR Mast is found in stock, perform the following Mast Assy inspection for non-conforming Retaining Nut threads.

7.2.1. Remove Mast from shipping container.

7.2.2. Using a serviceable Retaining Nut (Plain Round Nut), PN 206-040-078-5, attempt to thread the Nut onto threaded portion of Mast.

7.2.3. If the Nut fully engages the threaded portion, the inspection is complete. Annotate the serviceability tag to indicate the Mast is serviceable (in compliance with this message) and return Mast to stock IAW para 8.

7.2.4. If the Nut cannot be fully installed onto threaded portion of Mast, the Mast is unserviceable. Tag and dispose of IAW para 10.4.

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 Mast, H-58-10-AMAM-10, not complied with." Do not remove original condition tags.

NOTE

When performing the inspection on items in stock (at all levels) utilize the procedures IAW para 7.2 of this AMAM.

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 IAW para 5.

8.2. Items in Wholesale Stock, Single Stock Fund, and in Work (Overhaul/Repair Facility) -

8.2.1. 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.

8.2.2. Submit DD Form 1225 (Storage Quality Control Report) to the Item Manager. 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//.

8.2.3. Comply with additional instructions provided by the Item Manager in para 13.2 to return items to their original condition code.

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

10. SUPPLY/PARTS (REQUISITION/DISPOSITION) -

10.1. Parts Required -

Nomenclature	PN/NSN	Qty	Cost ea.	Total\$
Mast Assy, Main	206-010-332-121	1	\$7809.00	\$7809.00
	1615-01-195-6279			
Total cost per aircraft =				\$7809.00

10.2. Bulk and Consumable Materials - N/A.

NOTE

Project Code "X6U" (X-ray Six Uniform) 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 "X6U".

10.4. Disposition of Discrepant Parts/Components - Unit will submit a Category "II" Product Quality Deficiency Report (CAT "II" PQDR) and hold discrepant part pending disposition instructions from the Technical POC. If instructed to dispose of using normal supply procedures, all turn-in documents must include Project Code "X6U".

10.5. Disposition of Hazardous Material - N/A.

11. MAINTENANCE APPLICATION -

11.1. Category of Maintenance - AVUM.

11.2. Estimated Time Required to complete inspection - Total of 1.0 man-hour using 1 person.

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 - N/A.

13. POINTS OF CONTACT -

- 13.1. Technical POCs -
 - 13.1.1. Primary - Mr. Joe Wathen (Avion Inc), DSN 788-2499 or (256) 842-2499. Fax: (DSN) 788-6758 or (256) 842-6758. Email: "joe.wathen@us.army.mil".
 - 13.1.2. Alternate - Ms. Denise Bouchard, DSN 897-9100 or (256) 313-9100. Fax: DSN 788-6758 or (256) 842-6758. Email: "denise.bouchard@us.army.mil".
- 13.2. Project/Product Manager's (PM) Office POCs -
 - 13.2.1. Primary - Mr. Charles Wright, DSN 645-7077 or (256) 955-7077. Fax: DSN 645-7125 or (256) 955-7125. Email: "charles.d.wright1@us.army.mil".
 - 13.2.2. Alternate -
 - 13.2.3. Item Manager (spares) - Mr. Tom Fitzgerald, DSN 897-1391 or (256) 313-1391. Fax: DSN 788-6758 or (256) 842-6758. Email: "thomas.patrick.fitzgerald@us.army.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, 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. Tom Gibson, DSN 788-1077 or (256) 842-1077. Email: "thomas.b.gibson@us.army.mil".
 - 13.6.2. Mr. Robert Dubose, DSN 788-1068 or (256) 842-1068. Email: "robert.dubose@conus.army.mil".
- 13.7. After hours, contact the AMCOM Operations Center (AOC), DSN 897-2066/7 or (256) 313-2066/7.