

**UNCLASSIFIED**

**MSG DTG 271520Z JUN 12**

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

**SUBJECT - AVIATION MAINTENANCE ACTION MESSAGE (AMAM) ,  
MAINTENANCE MANDATORY, ALL UH-1H/V SERIES AIRCRAFT,  
COLLECTIVE LEVER, UH-1-12-AMAM-04**

**NOTE**

This message is effective until rescinded or revised.

**NOTE**

This message is issued IAW AR 750-6 and has not been officially transmitted to units subordinate to addressees. Commanders of Army Commands (ACOM), Army National Guard (ARNG), 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 ACOMs, ARNG, USAR, ASCCs, and DRUs may authorize temporary exception from message requirements IAW AR 750-6, para 2-9 and 2-19. 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 aircraft in DD 250 status, will not issue aircraft until they are in compliance with this message. Aircraft scheduled for transfer to the U.S. Government via DD Form 250 after the message DTG will not be accepted until in compliance with the message requirements.

**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 - Bell Helicopter discovered that some Collective Levers were incorrectly manufactured. The Pivot Lug, which accepts the Bearing Liner, was counter-bored deeper than drawing requirements. This reduces the cross-sectional area of the Pivot Lug, and allows the Bearing Liner and Bearing to protrude out of the Lever further than drawing requirements. Bearing protrusion on the suspect Collective Levers may not be visually noticeable by the user.

1.2. Message Purpose - Perform a one-time inspection of Main Rotor (MR) Collective Lever Assembly.

**2. END ITEMS AFFECTED -** All UH-1H/V series aircraft.

**3. ASSEMBLIES/COMPONENTS/PARTS AFFECTED -**

Nomenclature	PN	NSN
Lever, Main Rotor, (Collective Lever)	212-010-403-5	1615-00-471-5918

**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 UH-1-12-AMAM-04 NLT 11 JUL 12."

**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 14 JUL 12 IAW AR 750-6. The Initial Compliance Report consists of the Aircraft SN, MDS, Date of Initial TAMMS Entry, Component #1 PN, Component #1 SN, Component# 2 PN, Component #2 SN, and Initial Inspection Results/Comments (enter results as follows -

Component #1 - "PASS" or "FAIL",  
Component #2 - "PASS" or "FAIL",  
"PASS" - Suspect SN component IS NOT installed,  
"FAIL" - Suspect SN component IS installed).

5.2. Aircraft Final Compliance Report - Submit Final Compliance Report via AMTRACKS within 3 days of the inspection, but NLT 28 SEP 12 IAW AR 750-6. This report will include Date of Inspection, Final Inspection Results/Comments (enter results as follows -

Component #1 - "PASS", "FAIL", or "N/A"  
Component #2 - "PASS", "FAIL", or "N/A"

Enter "N/A" if Initial Inspection Results were "PASS"), and check the box "Entered on DA 2408-5-1 (Collective Lever)".

5.3. Retail Stock Task/Inspection Compliance Report (Installation level and below) - Submit Retail Stock Task/Inspection Compliance Report via AMTRACKS NLT 28 SEP 12 IAW AR 750-6. This report will include Component Nomenclature, Component PN, Component SN, and Inspection Results (enter "PASS" or "FAIL").

5.4. Wholesale Stock Task/Inspection Compliance Report (including Depot Stock, Depot Maintenance, and Overhaul/Repair Facilities) - 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.

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

**NOTE**

Unless otherwise stated, all maintenance tasks shall be performed IAW TM 1-1520-210-23.

**NOTE**

Requests for exceptions/deviations to this message will be submitted IAW AR 750-6. For assistance in requesting a waiver contact the AMCOM Safety POC in para 13.4.1.

**NOTE**

Removal of dirt and debris from between the Bearing Liner Outer Flange Outer Diameter (OD) and the Collective Lever Counter-Bore Inner Diameter (ID) may be required to measure any gaps between the Bearing Liner Flange and the counter-bore surface.

**NOTE**

Use of Teflon Shim is preferred over Feeler Gauge to perform gap measurement between Bearing Liner Flange and Collective Lever Counter-Bore. Use of Feeler Gauge is acceptable if Teflon Shim Set is not available.

7.1. Refer to the Addendum to UH-1-12-AMAM-04. Visually inspect the Collective Levers IAW TM 1-1520-210-23P, Figure 128, Item 44 to determine if the Serial Number (SN) has a Prefix of "MWFS" (vibro-etched on the part).

7.1.1. If the Collective Lever DOES NOT HAVE a SN with a "MWFS" prefix, the inspection is complete. Proceed to para 7.4.

7.1.2. If the Collective Lever HAS a SN with a "MWFS" prefix, make the following entry on the DA Form 2408-13-1. Enter a Red Horizontal Dash // - // status symbol with the following statement: "Collective Lever requires Collective Lever Pivot Lug thickness measurement IAW UH-1-12-AMAM-04 NLT 25 SEP 12." Proceed to para 7.2.

7.2. Remove the Collective Lever from the helicopter.

7.3. Refer to the Addendum. Using a Micrometer, determine the Collective Lever Pivot Lug thickness as follows.

7.3.1. Measure between the outboard flange surface of the Bearing Liner and the inboard machined surface of the Collective Lever Pivot Lug (Dimension A).

7.3.2. Measure any gap existing between the Bearing Liner Outboard Flange and the Collective Lever Counter-Bore using Teflon shim or Feeler Gauge (Dimension B).

7.3.3. Subtract 0.060 INCH (Bearing Liner Outboard Flange thickness) and Dimension B (if applicable) from Dimension A above.

7.3.4. The result will be the Collective Lever Pivot Lug thickness.

7.3.4.1. If the Collective Lever Pivot Lug thickness is between 0.450 and 0.460 INCH, the inspection is complete. Proceed to para 7.4.

7.3.4.2. If the Collective Lever Pivot Lug thickness IS NOT between 0.450 and 0.460 INCH, the Collective Lever is unserviceable. Make the following entry on the DA Form 2408-13-1. Enter a Red //X// status symbol with the following statement: "Collective lever unserviceable IAW UH-1-12-AMAM-04."

7.4. Clear the initial entry from para 4 and note compliance on DA Form 2408-5-1 (Collective Lever).

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

Annotate the serviceability tag with: "Collective Lever, UH-1-12-AMAM-04, 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 IAW para 5.3.

8.2. Items in Wholesale Stock (including Depot Stock, Depot Maintenance, and Overhaul/Repair Facilities) - Annotate the Serviceability Tag IAW para 8.

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

**10. SUPPLY/PARTS (REQUISITION/DISPOSITION) -**

10.1. Parts Required -

Nomenclature	PN/NSN	Qty	Cost ea.	Total \$
Lever, Main Rotor	212-010-403-5	2	\$807.90	\$1615.80
(Collective Lever)	1615-00-471-5918			
				Total cost per aircraft = \$1615.80

10.2. Bulk and Consumable Materials - N/A

**NOTE**

Project Code "X8B" (X-ray Eight Bravo) 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 "X8B".

10.4. Disposition of Discrepant Parts/Components - Units will submit a Category "I" Product Quality Deficiency Report (CAT "I" PQDR). If instructed to dispose of using normal supply procedures, all turn-in documents must include Project Code "X8B".

10.5. Disposition of Hazardous Material - N/A.

**11. MAINTENANCE APPLICATION -**

11.1. Category of Maintenance - Field Level Maintenance.

11.2. Estimated Time Required -

11.2.1. Time to complete inspection - Total of 0.5 man-hour using 1 person.

**NOTE**

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

11.2.2. Time for repair/replacement - Total of 8.0 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 1-1520-210-23.

12.1.4. TM 1-1520-210-23P.

12.2. Publication Changes - N/A.

**13. POINTS OF CONTACT -**

13.1. Technical POCs -

13.1.1. Primary - Mr. Tim Tucker, DSN 897-5685 or 256-313-5685. Fax: DSN 897-5668 or 256-313-5668.

Email: "[tim.tucker@us.army.mil](mailto:tim.tucker@us.army.mil)".

13.1.2. Alternate - Mr. Martin Ohrenberg, DSN 897-5684 or 256-313-5684. Fax: DSN 897-5668 or 256-313-5668.

Email: "[martin.ohrenberg@us.army.mil](mailto:martin.ohrenberg@us.army.mil)".

13.2. Project/Product Manager (PM) Office POC - Mr. Howard Reeves, DSN 645-9701 or 256-955-9701. Fax: DSN 788-3449 or 256-842-3449. Email: "[howard.reeves@us.army.mil](mailto:howard.reeves@us.army.mil)".

13.3. Wholesale Material POC (DLA) - Ms. Felicia Barwell, DSN 695-5208 or 804-279-5208. Fax: DSN 695-2562 or 804-279-2562. Email: "[felicia.barwell@dla.mil](mailto:felicia.barwell@dla.mil)".

13.4. Forms and Records POCs -

13.4.1. Primary - Ms. Renate Richters, DSN 46-2570 or 256-876-2570. Email: "[reds.tamms.a.policy@conus.army.mil](mailto:reds.tamms.a.policy@conus.army.mil)" or "[renate.richters@us.army.mil](mailto:renate.richters@us.army.mil)".

13.4.2. Alternate - Mr. Lloyd Willits, DSN 746-3598 or 256-876-3598. Email: "[reds.tamms.a.policy@conus.army.mil](mailto:reds.tamms.a.policy@conus.army.mil)" or "[lloyd.willits@us.army.mil](mailto:lloyd.willits@us.army.mil)".

13.5. AMCOM Safety POCs -

13.5.1. Safety (Primary) - Mr. William (Bill) Kennedy, DSN 788-8630 or 256-842-8630. Fax: DSN 897-2111 or 256-313-2111. Email: "[william.l.kennedy4.civ@mail.mil](mailto:william.l.kennedy4.civ@mail.mil)".

13.5.2. Safety (Alternate) - Mr. Don Swallow, DSN 788-8641 or 256-842-8641. Email: "[donald.w.swallow.civ@mail.mil](mailto:donald.w.swallow.civ@mail.mil)".

13.5.3. AMTRACKS (Primary) - Mr. Vic Mosley, DSN 788-8620 or 256-842-8620. Email: "[safeadm@conus.army.mil](mailto:safeadm@conus.army.mil)" or "[victor.e.mosley.civ@mail.mil](mailto:victor.e.mosley.civ@mail.mil)".

13.5.4. AMTRACKS (Alternate) - Ms. Teri Phipps, DSN 897-2097 or 256-313-2097. Email: "[safeadm@conus.army.mil](mailto:safeadm@conus.army.mil)" or "[teri.l.phipps.civ@mail.mil](mailto:teri.l.phipps.civ@mail.mil)".

13.6. Foreign Military Sales POCs -

13.6.1. Primary - Mr. Bill McClung, DSN 746-5452 or 256-876-5452. Email: "[william.p.mcclung@us.army.mil](mailto:william.p.mcclung@us.army.mil)".

13.6.2. Alternate - Mr. Jose Cabrera, DSN 897-6866 or 256-313-6866. Email: "[jose.cabrerajr@peoavn.army.mil](mailto:jose.cabrerajr@peoavn.army.mil)".

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