

**UNCLASSIFIED**

**MSG DTG 251400Z NOV 13**

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

**SUBJECT - AVIATION MAINTENANCE ACTION MESSAGE (AMAM),  
MAINTENANCE MANDATORY, ALL OH-58D SERIES AIRCRAFT,  
ENGINE MOUNT FITTINGS, H-58-14-AMAM-01**

**NOTE**

This message is RESTRICTED to US Government and supporting agencies only. All other distribution requires approval from the AMCOM Commander.

**NOTE**

This message is issued per AR 750-6 to Commanders of Army Commands (ACOM), Army National Guard (ARNG), Army Service Component Commands (ASCC), and Direct Reporting Units (DRU). Commanders must retransmit this message to all subordinate organizations. Notify the AMCOM SOF compliance officer at "[safeadm@conus.army.mil](mailto:safeadm@conus.army.mil)" when complete.

**NOTE**

Per AR 750-6, commanders/directors in the grade of major general or civilian equivalent may authorize temporary exception from message requirements. These exceptions may only occur during combat operations, matters of life or death in civil disasters, or other emergencies when aircraft operation is required.

**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//.

Commanders, facility managers, and contractors at all levels will not issue aircraft until they are in compliance with this message. Aircraft transferred to the U.S. Government via DD Form 250 after the message DTG are in compliance with message requirements.

**NOTE**

A listing of all messages and any required reports, supplements, or addendums can be downloaded at: "<https://asmprd.redstone.army.mil>".

**1. SUMMARY -**

1.1. Background - Corpus Christi Army Depot (CCAD) issued a Quality Escapement Memorandum reporting some aircraft repaired at CCAD may have non-conforming engine mount fittings (Angle Brackets) installed. Due to a parts shortage, CCAD locally manufactured the engine mount fittings. The non-conforming fittings were manufactured without the required 0.060 fillet radius at the bend which could result in cracks.

1.2. Message Purpose -

1.2.1. Require a one-time inspection for non-conforming engine mount fittings.

1.2.2. Require a recurring inspection of the non-conforming engine mount fittings.

**2. END ITEMS AFFECTED - All OH-58D series aircraft.**

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

Nomenclature	PN	NSN
Bracket, Angle	406-030-142-101	5340-01-436-0273
Bracket, Angle	406-030-142-102	5340-01-436-0230

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

**NOTE**

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

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 H-58-14-AMAM-01 by 12 DEC 2013." Recommend the inspection be conducted at the next scheduled 20 Hour/14 Day Inspection.

**5. COMPLIANCE REPORTING REQUIREMENTS -**

**NOTE**

Report compliance with this message via the AMCOM Message Tracking System (AMTRACKS) at ["https://amtracks.redstone.army.mil"](https://amtracks.redstone.army.mil). Unit personnel designated to submit reports must establish a profile in AMTRACKS.

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 the final compliance report via AMTRACKS by 16 DEC 2013 per AR 750-6. This report will include the Aircraft SN, MDS, Date of initial TAMMS-A Entry, and enter "PASS" or "FAIL" for the following.

Component #1 - Inspection Results (Left Eng Mount Fitting)

Component #2 - Inspection Results (Right Eng Mount Fitting)

And check the box "Entered on DA Form 2408-15".

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

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) -**

### **NOTE**

For message purposes, aircraft away from home station are defined as those not having access to a maintenance facility capable of meeting all message requirements.

Aircraft in Transit (surface/air shipment/ferry status/ aircraft away from home station) - Unit commanders unable to comply with the requirement specified in paragraph 4 may defer making the initial aircraft TAMMS-A entry until arrival at final destination. Adjust the date in the TAMMS-A entry to be 14 days after arrival at destination.

**7. TECHNICAL PROCEDURES/INSTRUCTIONS** - Unless otherwise stated, all message requirements shall be completed by the suspense date listed in paragraph 4.

### **NOTE**

This message includes a required addendum. If the addendum is not received with this message, it may be viewed/downloaded at ["https://asmprd.redstone.army.mil"](https://asmprd.redstone.army.mil).

### **NOTE**

Unless otherwise stated, all maintenance tasks will be performed per TM 1-1520-248-23&P.

### **NOTE**

Requests for exceptions (waivers) to this message will be submitted per AR 750-6. For help, contact the AMCOM Safety POC in paragraph 13.4.1.

7.1. Determine if any assigned aircraft are listed below.

10-01332	92-00529	97-01321	92-00539	92-00584
92-00586	94-00176	94-00153	92-00537	

7.1.1. If a listed aircraft is assigned, proceed to paragraph 7.2.

7.1.2. If the assigned aircraft is not listed, the inspection is complete. Proceed to paragraph 7.5.

7.2. Gain access to the left and right engine mount fittings.

7.2.1. Referring to the addendum to H-58-14-AMAM-01, use a borescope and inspect the fittings for presence of a 0.060 fillet radius and/or Bell Helicopter Trade mark (bh).

7.2.2. If the 0.060 fillet radius and/or the Bell Helicopter Trade mark (bh) is present, the inspection is complete. Proceed to paragraph 7.5.

7.2.3. If the fillet radius is not present, proceed to paragraph 7.3.

7.2.4. If non-conforming engine mount fitting is suspected, but cannot be confirmed, photograph the fittings and contact Technical POCs listed in paragraph 13.1.2.

7.3. For confirmed non-conforming engine mount fittings, borescope inspect for presence of cracks around the rivets, bolt, and radius.

7.3.1. If no cracks are found, proceed to paragraph 7.4.

7.3.2. If cracks are found, make the following entry on the DA Form 2408-13-1. Enter a Red Diagonal "/" status symbol with the following statement: "#### Engine Mount Fitting Cracked". Replace #### with Left or "Right, as applicable. Contact local AED Liaison Engineer for revised damage criteria.

#### **NOTE**

When the entry required by the following paragraph has been made on the DA Form 2408-13-1, clear the initial entry required per paragraph 4 of this AMAM.

7.4. For non-conforming engine mount fittings, make the following entry on the DA Form 2408-13-1. Enter a Red Horizontal Dash //-// status symbol with the following statement: "#### Engine Mount Fitting requires borescope inspection for cracks at [####.#] aircraft hours, but not to exceed [\_\_ \_\_ \_\_]."

7.4.1. Replace #### Left or "Right, as applicable.

7.4.2. Replace [####.#] with the aircraft hours at the next scheduled 20 Hour/14 Day Inspection.

7.4.3. Replace [\_\_ \_\_ \_\_] with the date of the next scheduled 20 Hour/14 Day Inspection.

7.4.4. Upon completion of the borescope inspection, reenter this inspection on the DA Form 2408-13-1 until the affected engine mount fitting(s) is replaced.

7.5. Clear the initial entry from paragraph 4 and note compliance on DA Form 2408-15.

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

**9. SPECIAL TOOLS AND FIXTURES REQUIRED - Borescope.**

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

10.1. Parts Required -

Nomenclature	PN/NSN	Qty	Cost ea.	Total \$
Bracket, Angle	406-030-142-101	1	\$587.69	\$587.69
	5340-01-436-0273			
Bracket, Angle	406-030-142-102	1	\$34.69	\$34.69
	5340-01-436-0230			

Total \$622.38

10.2. Bulk and Consumable Materials - N/A.

10.3. Requisitioning Instructions - Required parts will be provided at no cost to the unit. A depot maintenance team will be dispatched for replacement of non conforming engine mount fitting(s). If your unit has reported failed engine mount fittings per paragraph 5.2, contact the PM POC listed in paragraph 13.2.1 and provide the following information.

Unit Designation

Aircraft SN

Unit POC contact information

10.4. Disposition of Discrepant Parts/Components - N/A.

10.5. Disposition of Hazardous Material - N/A.

**11. MAINTENANCE APPLICATION -**

11.1. Category of Maintenance - Aviation Maintenance Company (AMC) for the inspection. AMC and Sustainment Level (Depot Team) for replacement.

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 or test flights.

11.2.2. Time for repair/replacement (AMC) - Total of 40.0 man-hours using 2 persons.

11.2.3. Time for repair/replacement (Sustainment) - Total of 32.0 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 1-1520-248-23&P.
- 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: "[timothy.w.tucker24.civ@mail.mil](mailto:timothy.w.tucker24.civ@mail.mil)".
  - 13.1.2. Alternate - Mr. Ahmad Kharofa, DSN 788-1389 or 256-842-1389. Fax: DSN 897-5668 or 256-313-5668. Email: "[ahmad.a.kharofa.ctr@mail.mil](mailto:ahmad.a.kharofa.ctr@mail.mil)".
- 13.2. Project/Product Manager (PM) Office POCs -
  - 13.2.1. Primary - Mr. Doyle Foster, DSN 645-8256 or 256-955-8256. Fax: DSN 897-3448 or 256-313-3449. Email: "[doyle.w.foster.civ@mail.mil](mailto:doyle.w.foster.civ@mail.mil)".
  - 13.2.2. Alternate - Mr. Jack McRoberts, DSN 645-8265 or 256-955-8265. Fax: DSN 897-1541 or 256-313-1541. Email: "[ellis.j.mcroberts.civ@mail.mil](mailto:ellis.j.mcroberts.civ@mail.mil)".
- 13.3. Forms and Records POCs -
  - 13.3.1. Primary (TAMMS-A) - Mr. Dean Geiselhart, DSN 788-2971 or 256-842-2971. Email: "[dean.d.geiselhart.civ@mail.mil](mailto:dean.d.geiselhart.civ@mail.mil)".
  - 13.3.2. Primary (MCDS/LCF) - Mr. Jeff Sutherland, DSN 788-0860 or 256-842-0860. Email: "[jeffrey.a.sutherland.civ@mail.mil](mailto:jeffrey.a.sutherland.civ@mail.mil)".
  - 13.3.3. Alternate (TAMMS-A and MCDS/LCF) - Mr. Lloyd Willits, DSN 746-3598 or 256-876-3598. Email: "[lloyd.e.willits.civ@mail.mil](mailto:lloyd.e.willits.civ@mail.mil)".
- 13.4. AMCOM Safety POCs -
  - 13.4.1. Safety (Primary) - Mr. Frank Rosebery, DSN 788-8631 or 256-842-8631. Email: "[james.f.rosebery.civ@mail.mil](mailto:james.f.rosebery.civ@mail.mil)".
  - 13.4.2. Safety (Alternate) - Mr. Don Swallom, DSN 788-8641 or 256-842-8641. Email: "[donald.w.swallom.civ@mail.mil](mailto:donald.w.swallom.civ@mail.mil)".
  - 13.4.3. AMTRACKS (Primary) - Mr. Vic Mosley, DSN 788-8620 or 256-842-8620. Email: "[victor.e.mosley.civ@mail.mil](mailto:victor.e.mosley.civ@mail.mil)".
  - 13.4.4. AMTRACKS (Alternate) - Ms. Teri Phipps, DSN 897-2097 or 256-313-2097. Email: "[teri.l.phipps.civ@mail.mil](mailto:teri.l.phipps.civ@mail.mil)".
- 13.5. After hours, contact the AMCOM Operations Center (AOC), DSN 897-2066/7 or 256-313-2066/7.