

**UNCLASSIFIED**

**MSG DTG 232025Z FEB 11**

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

**SUBJECT - AVIATION SAFETY ACTION MESSAGE (ASAM), MAINTENANCE MANDATORY, ALL OH-58D SERIES AIRCRAFT, ENERGY ATTENUATING SEAT WIRE ALIGNMENT, H-58-11-ASAM-03**

**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This message is effective until rescinded or superseded.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. This message will not apply to aircraft which become DD 250 after the message DTG.

**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 - Multiple aircraft with Modification Work Order (MWO) 1-1520-248-50-11 (Energy Attenuating Seats) applied have been found to have lateral misalignment between the Wire Roller Housing Assembly and the Seat Bottom and/or lateral misalignment between the Bracket Assembly and Seat Bottom. This misalignment has the potential to not allow the seat to stroke properly in the event of a hard landing.

1.2. Message Purpose -

1.2.1. Require a one-time inspection of the MWO for correct installation.

1.2.2. Provide the corrective instructions as required.

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

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

Nomenclature	PN	NSN
Wire, Left Hand	157-13000-39	4010-01-500-7212
Wire, Right Hand	157-13000-40	4010-01-500-7211
Roller Housing Assembly	157-13000-05	1680-01-587-8860
Bracket Assembly, LH	157-13000-07	1680-01-588-3143
Bracket Assembly, RH	157-13000-08	1680-01-587-8749

**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-58-11-ASAM-03 before [####.#] aircraft hours, but NLT 28 FEB 11." Calculate [####.#] as current aircraft flight hours plus 20 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. 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 3 MAR 11 IAW AR 750-6. This report will include the Aircraft SN, MDS, Date of Initial TAMMS Entry, Inspection Results/Comments (enter either "BOTH PASS", "BOTH FAIL", or "1 PASS - 1 FAIL" as applicable), 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 Single Stock Fund) - N/A.

## 6. SPECIAL PROVISIONS TO MESSAGE REQUIREMENTS (AIRCRAFT) -

6.1. 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 3 days after arrival at destination.

6.2. Aircraft on Red //X// status symbol as a result of this message will be maintained in flyable storage. Ground run-ups at normal operating rotor RPM are authorized.

## 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 1-1520-248-23.

**NOTE**

The Lower Brackets, PN 157-13000-07/08, are considered Interchangeable and can be installed on either side without affecting the crashworthiness of the seat.

- 7.1. Gain access to the Energy Attenuating seat wires for both the pilot and co-pilot seats.
- 7.2. Referring to Figure 1, Page 3, in the Addendum, use a protractor and ensure the angle between the Seat-Pan Clevis and the center of the Lower Roller is 90 degrees +/- 10 degrees.
  - 7.2.1. If the measurements for either one or both seats is not within limits, proceed to para 7.3.
  - 7.2.2. If the measurements for both seats is within limits, the inspection is complete. Proceed to para 7.4.
- 7.3. Referring to Figure 2, Page 4, in the Addendum, attempt to correct the angle by repositioning the wire (18 and/or 25) to the opposite side of the Drop Out Bracket (16 and/or 23) which would change the reference point of the protractor and will have no effect on the seat stroke. If maximum limits are still exceeded, proceed as follows.
  - 7.3.1. Make the following entry on DA Form 2408-13-1. Enter a Red //X// status symbol with the following statement: "[####] exceeds the angle limit IAW H-58-11-ASAM-03." Replace [####] with one of the following, as applicable - "Right seat, right Attenuating Wire", "Right seat, left Attenuating wire", "Left seat, right Attenuating Wire", "Left seat, left Attenuating Wire". If multiple Attenuating Wires exceed the maximum limits, make a separate entry for each fault identified.
  - 7.3.2. Contact the local Logistics Assistance Representative (LAR) for condition verification and obtain repair disposition from AMCOM engineering.
  - 7.3.3. After contacting the LAR and receiving a Maintenance Engineering Call (MEC), refer to the instruction in the Addendum (Pages 1 and 2), and Figure 3 of the Addendum (Pages 5 - 12), and remove the Roller Assemblies (View E, item 39) and the Doublers (View B, items 4, 5, 7, 8, 9, 10) as required. Using the procedure in Figure 3, reinstall Roller Assemblies to obtain an angle of 90 degrees +/- 10 degrees.
- 7.4. Clear the initial entry from para 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 - N/A.**

**10. SUPPLY/PARTS (REQUISITION/DISPOSITION) -** Dependent on the repair/corrective instructions received from the LE. It is anticipated that any seat found suspect will require a re-alignment of the Seat Wires and supporting hardware.

**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.

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 1-1520-248-23.

12.1.4. TM 1-1500-204-23.

12.1.5. MWO 1-1520-248-50-11.

12.2. Publication Changes - N/A.

**13. POINTS OF CONTACT -**

13.1. Technical POCs -

13.1.1. Primary OH-58D - Mr. Dave Whalen (Avion), DSN 897-2405 or (256) 313-2405. Fax: DSN 788-6758 or (256) 842-6758.

Email: "[dave.whalen@us.army.mil](mailto:dave.whalen@us.army.mil)".

13.1.2. Alternate OH-58D - Mr. Lon Stanger, DSN 897-4304 or (256) 313-4304. Fax: DSN 788-6758 or (256) 842-6758.

Email: "[lon.stanger@us.army.mil](mailto:lon.stanger@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.wright@us.army.mil](mailto:charles.d.wright@us.army.mil)".

13.2.2. Item Manager Mr. Guillermo Calvo, DSN 897-1398 or (256) 313-1398. Email: "[guillermo.calvo@us.army.mil](mailto:guillermo.calvo@us.army.mil)".

13.3. Forms and Records POCs -

13.3.1. Primary - Ms. Ann Waldeck, DSN 746-5564 or (256) 876-5564. Email: "[ann.waldeck@conus.army.mil](mailto:ann.waldeck@conus.army.mil)".

13.3.2. Ms. Renate Richters, DSN 746-2570 or (256) 876-2570. Email: "[renate.richters@us.army.mil](mailto:renate.richters@us.army.mil)".

- 13.4. Safety POCs -
  - 13.4.1. Primary - Mr. Harry Trumbull, DSN 897-2095 or (256) 313-2095. Email: "[harry.trumbull@us.army.mil](mailto:harry.trumbull@us.army.mil)".
  - 13.4.2. Alternate - Mr. Don Swallow, DSN 788-8641 or (256) 842-8641. Email: "[donald.swallow@conus.army.mil](mailto:donald.swallow@conus.army.mil)".
- 13.5. Foreign Military Sales POCs -
  - 13.5.1. 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)".
  - 13.5.2. Alternate - Mr. Robert Dubose, DSN 788-1068 or (256) 842-1068. Email: "[robert.dubose@conus.army.mil](mailto:robert.dubose@conus.army.mil)".
- 13.6. After hours, contact the AMCOM Operations Center (AOC), DSN 897-2066/7 or (256) 313-2066/7