

UNCLASSIFIED

MSG DTG 141900Z DEC 10

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

**SUBJECT - AVIATION MAINTENANCE ACTION MESSAGE (AMAM) ,
MAINTENANCE MANDATORY, ALL OH-58D SERIES AIRCRAFT, HEALTH
USAGE MONITORING SYSTEM (HUMS) 1134 EMBEDDED COMMON
ARCHITECTURE (ECA) CONTINUITY CHECKS, H-58-11-AMAM-06**

NOTE

This message is NOT for dissemination to any office or individual outside the US Government or US Government supporting agencies without the approval of the AMCOM Commander.

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This message is effective until rescinded or superseded.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"](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 - Health Usage Monitoring System (HUMS) installed IAW Modification Work Order (MWO) 1-1520-248-50-22 requires splices at the J5 Connectors on both the Left and Right Improved Master Controller Processor Units (IMCPU) for providing Np and Ng signals to the HUMS. Installation teams discovered Full Authority Digital Engine Control (FADEC) maintenance fault codes could occur during the Maintenance Operational Check (MOC) if the Wire Shields were shorted to the Center Conductors during the HUMS installation process.

1.2. Message Purpose -

1.2.1. Provide instructions for performing Continuity Checks on MWO 1-1520-248-50-22 Wiring installation.

1.2.2. Update MWO 1-1520-248-50-22 to include Back Shell Continuity Checks.

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

3. ASSEMBLIES/COMPONENTS/PARTS AFFECTED -

Suspect Assemblies/Components/Parts -

Nomenclature	PN	NSN
Health and Usage Monitoring System (HUMS)	N/A	1680-01-574-3027

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-AMAM-06 NLT 15 JAN 11."

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 18 JAN 11 IAW AR 750-6. This report will include the Aircraft SN, MDS, Date of Initial TAMMS Entry, Inspection Results/Comments ("Pass", "Fail", or "N/A") -

"PASS" indicates an Aircraft in which all Connectors passed the Continuity Checks

"FAIL" indicates an Aircraft in which one or more Connectors failed the Continuity Checks. If "Fail", in comments, indicate the Connector(s) that failed as -

Connector 3431A1P5

Connector 3431A2P5

Connector 1A6P2 and/or

Connector ECAJ1_P1

"N/A" indicates MW0 1-1520-248-50-22 IS NOT installed, 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) -

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 30 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

The Circle Red //X// for Airworthiness Release (AWR) 89148 (dated 07 October 2010) shall not be signed off for this inspection.

- 7.1. Inspect the aircraft records to determine if MWO 1-1520-248-50-22 is installed.
- 7.1.1. If MWO 1-1520-248-50-22 IS installed, proceed to para 7.2.
- 7.1.2. If MWO 1-1520-248-50-22 IS NOT installed, the inspection is complete. Proceed to para 7.3.
- 7.2. Perform Continuity Checks IAW the Addendum to H-58-11-AMAM-06.
- 7.3. 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) - 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 2 persons.

NOTE

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

- 11.2.2. Time for repair/replacement - Total of 6.0 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. MWO 1-1520-248-50-22.
12.1.5. MIL-HDBK-1277.
12.2. Publication Changes - MWO 1-1520-248-50-22 shall be changed to reflect the Addendum to this message. A copy of this message will be used as authority to implement the change until the official changes are received.

13. POINTS OF CONTACT -

13.1. Technical POCs -
13.1.1. Primary - Mr. Dennis Granger, DSN 897-2377 or (256) 313-2377. Fax: DSN 788-6758 or (256) 842-6758.
Email: "dennis.granger@us.army.mil".
13.1.2. Alternate - Mr. Skip Jackson (Avion), DSN 788-7157 or (256) 842-7157. Fax: DSN 788-6758 or (256) 842-6758.
Email: "skip.jackson@peoavn.army.mil".
13.2. Project/Product Manager's (PM) Office POCs -
13.2.1. Primary - Mr. David Walsh, DSN 897-4277 or (256) 313-4277. Fax: DSN 897-6758 or (256) 842-6758.
Email: "david.r.walsh@us.army.mil".
13.2.2. Alternate - Mr. Jason Jodon (Intuitive), DSN 798-8954 or (256) 313-8954. Fax: DSN 788-6758 or (256) 842-6758.
Email: "jason.a.jodon@us.army.mil".
13.2.3. Item Manager - Mr. Daniel Evans, DSN 897-4764 or (256) 313-4764. Fax: DSN 788-6758 or (256) 842-6758.
Email: "daniel.evans2@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".
13.3.2. Alternate - Ms. Renate Richters, DSN 746-2570 or (256) 876-2570. Email: "renate.richters@us.army.mil".
13.4. AMCOM Safety POCs -
13.4.1. Primary - Mr. William (Bill) Kennedy, DSN 788-8630 or (256) 842-8630. Fax: DSN 897-2111 or (256) 313-2111.
Email: "william.kennedyjr@us.army.mil".
13.4.2. Alternate - Mr. Don Swallom, DSN 788-8641 or (256) 842-8641. Fax: DSN 897-2111 or (256) 313-2111.
Email: "donald.swallom@conus.army.mil".
13.5. After hours, contact the AMCOM Operations Center (AOC), DSN 897-2066/7 or (256) 313-2066/7.