UNCLASSIFIED

MSG DTG 232015Z NOV 10

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

SUBJECT - AVIATION SAFETY ACTION MESSAGE (ASAM), MAINTENANCE MANDATORY, ALL OH-58D SERIES AIRCRAFT, TAIL ROTOR DIRECTIONAL CONTROL TUBE CHAFING, H-58-11-ASAM-02

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This message is effective until rescinded or superseded.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".

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 – Several aircraft undergoing RESET have been found to have a wiring harness chafing the Tail Rotor (TR) Directional Control Tube in the Center Console area.

1.2. Message Purpose –

1.2.1. Require a one-time inspection of the TR Directional Control Tube for chafing.

1.2.2. Provide a TM change to the published damage and repair criteria.

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

3. ASSEMBLIES/COMPONENTS/PARTS AFFECTED – Suspect Assemblies/Components/Parts -

Nomenclature	PN	NSN
Connecting Link, Rigid	406-001-026-101	3040-01-185-3200

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-02 before [####.#] aircraft hours, but NLT 10 DEC 10." 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". 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 13 DEC 10 IAW AR 750-6. This report will include Aircraft SN, MDS, Date of Initial TAMMS Entry, Inspection Results/Comments (enter "PASS" or "FAIL"), 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 14 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". 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 will be performed IAW TM 1-1520-248-23.

NOTE

TM 1-1520-248-PPM, Progressive Phase Maintenance (PPM), cycles 2 and 9 requires Inspection of the Directional Control Pedals, Bellcranks, and Control Linkage for excessive wear, binding, condition, and security. This message re-enforces this requirement.

7.1. Gain access to the TR Directional Control Tube, PN 406-001-026-101, through the Center Console. Figure 1 to the Addendum provides a sketch referring to the location of the Control Tube.
7.2. Refer to Figure 2 of the Addendum to H-58-11-ASAM-02 and inspect the TR Directional Control Tube for chafing where the wiring harness passes.
7.2.1. If chafing is present, proceed to para 7.3.
7.2.2. If no chafing is present, the inspection is complete. Proceed to para 7.4.
7.3. Inspect the TR Directional Tube IAW, Task 11-5-1.
7.3.1. Upon reaching step 3, refer to Figure 3 of the Addendum to H-58-11-ASAM-02 and inspect for damage exceeding published criteria. Due to the tight inspection area, the use of Facsimile, or a similar type dental putty, to create an impression mold will facilitate measuring any damage.

NOTE

Removal of Support, PN 406-030-100-397, TM 1-1520-248-23P, Fig 7, is required for the removal and reinstallation of the TR Directional Control Tube.

7.3.2. If the Tube must be removed to accurately measure the damage, remove IAW Task 11-4-14.
7.3.3. Referring to the Addendum, no more than 0.010 inch damage and repair depth is permitted. All other limitations and procedures outlined in Task 11-5-1 shall be followed.
7.3.4. If damage is more than 0.010 inch, make the following entry on the DA Form 2408-13-1. Enter a Red "X" status symbol with the following statement: "Tail Rotor Directional Control Tube, PN 406-001-026-101, unserviceable IAW H-58-11-ASAM-02."
7.4. Reinstall Center Console equipment being sure to re-route or reposition wiring harness with existing stand-offs and clamps to prevent any further contact.
7.5. 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) -

10.1. Parts Required -

Nomenclature	PN/NSN	Qty	Cost ea.	Total $
Connecting Link, Rigid	406-001-026-101 3040-01-185-3200	1	$7,147.97	$7,147.97

Total cost per aircraft = $7,147.97

10.2. Bulk and Consumable Materials –

Nomenclature	PN	NSN
Facsimile Kit, Depot	16000	6850-01-237-8414

NOTE

Project Code "X72" (X-ray Seven Two) 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 "X72".

10.4. Disposition of Discrepant Parts/Components - Dispose of using normal supply procedures. All turn-in documents must include Project Code "X72".

10.5. Disposition of Hazardous Material - N/A.

11. MAINTENANCE APPLICATION -

11.1. Category of Maintenance - AVUM.

11.2. Estimated Time Required -

11.2.1. Time Required 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 Maintenance Test Flights.

11.2.2. Time for repair/replacement - Total of 4.0 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.

12.2. Publication Changes – TM 1-1520-248-23 shall be changed to reflect this message. A copy of this message will be used

as authority to implement the change until the official TM change is received. Task 11-5-1, Damage Location, Sheet 1, Mechanical Damage, Maximum Damage and Repair Depth: CHANGE "0.004in before and after repair" to read "0.010in before and after repair".

13. POINTS OF CONTACT -

13.1. Technical POCs -

13.1.1. Primary – 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".

13.1.2. Alternate – Mr. Lon A. Stanger, DSN 897-4304 or (256) 313-4304. Fax: DSN 788-6758 or (256) 842-6758. Email: "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".

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

13.3. DLA Item Manager (Directional Tube) - Mr. Mike Pennington, DSN 695-4187 or (804) 279-4187. Fax: DSN 695-5567 or (804) 279-5567. Email: "mike.pennington@dla.mil".

13.4. Forms and Records POC - Ms. Ann Waldeck, DSN 746-5564 or (256) 876-5564. Email: "ann.waldeck@conus.army.mil".

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