

**UNCLASSIFIED**

**MSG DTG 081445Z DEC 14**

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

**SUBJECT - AVIATION SAFETY ACTION MESSAGE (ASAM), MAINTENANCE  
MANDATORY, HYDRAULIC RESERVOIR, H-58-15-ASAM-02**

**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 ["usarmy.redstone.amcom.mbx.safety-sof-team@mail.mil"](mailto:usarmy.redstone.amcom.mbx.safety-sof-team@mail.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 Grounding //X//.

**NOTE**

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"](https://asmprd.redstone.army.mil).

- 1. END ITEM / MISSION DESIGN SERIES (MDS) AFFECTED - All  
OH-58D (Kiowa Warrior) series aircraft.**

## **2. SUMMARY -**

2.1. Background - Numerous Product Quality Deficiency Reports (PQDRs) have been received reporting new Spare Non-Conforming OH-58D Hydraulic Reservoirs. The affected Reservoirs and Reservoir Covers have a yellow-green Epoxy Primer Coating applied to the interior surface that could contaminate the Hydraulic System if not removed.

2.2. Message Purpose - Perform a one-time inspection of the Hydraulic Reservoir and Hydraulic Reservoir Cover for yellow-green Epoxy Primer Coating.

## **3. 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 Horizontal Dash //-// status symbol with the following statement: "Comply with H-58-15-ASAM-02, Hydraulic Reservoir, before [####.#] aircraft hours, not to exceed 22 DEC 14. Calculate [####.#] as current aircraft flight hours plus 10 hours.

## **4. 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.

4.1. Aircraft in Transit (surface/air shipment/ferry status/ aircraft away from home station) - Unit commanders unable to comply with the requirement specified in paragraph 3 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.

4.2. Aircraft Pending Attrition - The inspection and correction procedures in this message are not required for the following categories of aircraft.

4.2.1. Aircraft identified for attrition by the OH-58D Project Office (i.e. crash or battle damaged awaiting final disposition instructions).

4.2.2. Aircraft in storage at the 309th Aerospace Maintenance and Regeneration Group.

4.2.3. Activities with these aircraft will take the following actions to meet the message requirements.

4.2.3.1. Enter the required Initial Aircraft TAMMS-A entry on the DA Form 2408-13-1 per paragraph 3.

4.2.3.2. Note message compliance on the applicable DA Form per paragraph 8 by entering "H-58-15-ASAM-02 not complied with".

4.2.3.3. Compliance reporting via AMTRACKS is NOT required.

## **5. MAINTENANCE APPLICATION -**

5.1. Category of Maintenance - Field at an Aviation Maintenance Company.

5.2. Estimated Time Required -

5.2.1. Time to complete inspection - Total of 0.25 man-hour using 1 person.

### **NOTE**

The time stated below does not include time for  
Maintenance Operational Checks or test flights.

5.2.2. Time for repair/replacement - Total of 5.0 man-hours  
using 2 persons.

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

**6.1. Suspect Assemblies/Components/Parts -**

Nomenclature	PN	NSN
Housing, Reservoir	206-076-368-101	1650-01-185-8977
Cover, Reservoir	206-076-370-101	1650-01-185-8978

**6.2. Additional Assemblies/Components/Parts to be Inspected**

Nomenclature	PN	NSN
Reservoir, Hydraulic (Assembly)	206-076-032-103	4320-01-598-8639

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

**8. TECHNICAL PROCEDURES/INSTRUCTIONS -** Unless otherwise  
stated, all message requirements shall be completed by the  
suspense date listed in paragraph 3.

**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 GEN-14-AMAM-01, Message Exception (Waiver) Process, and AR 750-6. For help, contact the AMCOM Safety POC in paragraph 13.5.1.

8.1. Safe Helicopter per Work Package (WP) Instruction "Helicopter / Avionics Safe".

8.2. Determine if Level 2 Manned/Unmanned (L2MUM) Modification Work Order (MWO) has been applied.

8.2.1. If the MWO HAS NOT been applied, remove the Forward Fairing Assembly per WP Instruction "Forward Fairing Assembly - Removal".

8.2.2. If the MWO HAS been applied, remove the Forward Fairing Assembly per WP Instruction "Forward Fairing Assembly - Removal, OH-58D - After L2MUM MWO Incorporation".

8.3. Referring to the addendum, open the Hydraulic Reservoir cover, remove strainer, and inspect the interior surface of the reservoir for presence of yellow-green Epoxy Primer coating.

8.3.1. If the yellow-green Epoxy Primer coating HAS NOT been applied to the interior surface of the Hydraulic Reservoir and Hydraulic Reservoir Cover, the inspection is complete. Proceed to Para 8.5.

8.3.2. If the yellow-green Epoxy Primer coating HAS been applied to the interior surface of the Hydraulic Reservoir or Hydraulic Reservoir Cover, make the following entry on DA Form 2408-13-1. Enter a Grounding //X// status symbol with the following statement: "[#####] unserviceable as per H-58-15-ASAM-02." Replace [#####] with "Hydraulic Reservoir" or "Hydraulic Reservoir Cover", as applicable. If both the reservoir and the cover require replacement, replace [#####] with "Hydraulic Reservoir Assembly".

**NOTE**

Obtain a Hydraulic Fluid sample and retain old filters to turn in with non-conforming Hydraulic Reservoir.

8.4. When replacing the non-conforming Hydraulic Reservoir or Hydraulic Reservoir Cover, drain and flush hydraulic fluid per WP Instruction "Contaminated Hydraulic System - Flushing". Replacement of the Hydraulic Pump per Step 4 in WP IS NOT required.

**NOTE**

Obtain a second Hydraulic Fluid sample after follow-on maintenance actions are complete.

8.4.1. After all follow-on maintenance actions per WP Instruction "Contaminated Hydraulic System - Flushing" are complete, obtain another Hydraulic Fluid sample and send in to the Army Oil Analysis Program (AOAP) for analysis.

8.4.2. If AOAP results are abnormal, contact the POC in paragraph 13.1.

8.5. Clear the initial entry from paragraph 3 and note compliance on DA Form 2408-15.

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

Annotate the serviceability tag with: "H-58-15-ASAM-02, Hydraulic Reservoir, not complied with." Do not remove original condition tags. Activities at all levels will continue to annotate the serviceability tag of newly received stock until 08 MAR 15.

9.1. Items in Retail Stock - Commanders and facility managers that maintain stock at installation level and below will complete the following procedures.

9.1.1. Suspend issue of affected items until in compliance with message requirements.

9.1.2. Contact the supported aviation unit, as required, to perform the procedures required on affected items.

9.1.3. Comply with inspection and correction procedures as required to return items to serviceable stock.

9.1.4. Submit a Retail Stock Task/Inspection report per paragraph 11.3.

9.2. Items in Wholesale Stock (including Depot Stock, Depot Maintenance, and Overhaul/Repair Facilities) -

9.2.1. Suspend issue of affected items until in compliance with message requirements. Commanders and facility managers will ensure all items in condition codes //A//, //B//, //C//, //D//, and //E// that are affected by this message are placed in condition code //J// and tagged with a Suspended Tag/Label - Materiel, DD form 1575/DD form 1575-1. Do not remove original condition tags.

9.2.2. Submit DD Form 1225 (Storage Quality Control Report) to the Wholesale POC. Include an estimate of the cost reimbursable funding required to move serviceable items on hand affected by message to a work area, unpack the materiel, repack the materiel after inspection, and to return the materiel to storage, as appropriate. Report, by original serviceable condition code, the quantity of materiel placed in condition code //J//.

9.2.3. Comply with additional instructions provided by the Wholesale POC to return items to their original condition code.

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

### 10.1. Parts Required -

Nomenclature	PN/NSN	Qty	Cost ea.	Total \$
Housing, Reservoir	206-076-368-101/ 1650-01-185-8977	1	\$1,428.15	\$1,428.15
Cover, Reservoir	206-076-370-101/ 1650-01-185-8978	1	\$480.02	\$480.02
Filter Element, Fluid	7595342-101 1650-01-525-6323	2	\$81.34	\$162.68
Gasket, Reservoir Hydraulic	206-376-001-101 5330-00-129-6121	1	\$54.73	\$54.73
Total cost per aircraft = \$2125.58				

### 10.2. Bulk and Consumable Materials -

Nomenclature	PN	NSN
Hydraulic Fluid Fire Resistant	MIL-PRF-83282	9150-00-149-7431
Hydraulic Fluid Petroleum Base	MIL-PRF-5606	9150-00-082-7524
Bottle, Screw Cap	986590 PW-4005 B75620-F217	8125-00-933-4414

#### NOTE

Project Code "X09" (X-ray Zero Nine) is required to track stock costs as a result of message actions.

10.3. Requisitioning Instructions - Requisition replacement parts using normal supply procedures. All requisitions shall use Project Code "X09". Additionally, notify the POC in paragraph 13.2 after submitting the requisition.



**NOTE**

Enter H-58-15-ASAM-02, Hydraulic Reservoir, and a brief description of the deficiency in Block 3b of the Product Quality Deficiency Report (PQDR).

10.4. Disposition of Discrepant Parts/Components - Unit will submit a separate Category "II" Product Quality Deficiency Report (CAT "II" PQDR) for each non-conforming item.

10.4.1. Hold discrepant part pending disposition instructions from the PQDR Cell, Quality Management Division, Aviation Engineering Directorate.

10.4.2. When instructions for shipping the discrepant parts are determined, ship the Hydraulic Reservoir, Hydraulic Filters and initial Hydraulic Fluid sample (obtained in paragraph 8.3 instructions) with the CAT "II" PQDR.

10.4.3. Hydraulic Reservoir Covers will be shipped with the corresponding Hydraulic Reservoir Cover CAT "II" PQDR.

10.5. Disposition of Hazardous Material - Per Environmental Protection Agency directives as implemented by your servicing environmental coordinator (AR 200-1).

**11. 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.

11.1. Aircraft Initial Compliance Report - All reporting requirements will be accomplished as part of the "Final Compliance Report".

11.2. Aircraft Final Compliance Report Submit the report via AMTRACKS by 26 DEC 14 per AR 750-6. This report will consist the Aircraft SN, MDS, Date of Initial TAMMS-A Entry, Inspection Results/Comments (enter "PASS" or "FAIL"), and check the box "Entered on DA Form 2408-15".

**NOTE**

Facilities which maintain Retail Stock must have a general user registered in AMTRACKS to submit the required compliance report. This registration does not require entry of an aircraft SN or MDS.

11.3. Retail Stock Task/Inspection Compliance Report (Installation level and below) - Submit the report via AMTRACKS by 26 DEC 14 per AR 750-6. This report will only be submitted for components which are identified as suspect and will include the Component Nomenclature, PN, and Inspection Results (enter "FAIL").

11.4. Wholesale Stock Task/Inspection Compliance Report (including Depot Stock, Depot Maintenance, and Overhaul/Repair Facilities) - Report compliance with this message to the Wholesale POC in paragraph 13 by 26 DEC 14.

**12. PUBLICATION REQUIREMENTS -**

12.1. References -

12.1.1. AR 750-6.

12.1.2. DA Pam 738-751.

12.1.3. AR 200-1.

12.1.4. EM 0246, TM 1-1520-248-23&P.

12.2. Publication Changes - N/A.

**13. POINTS OF CONTACT -**

13.1. Technical POCs -

12.1.1. Primary - Mr. Ahmad Kharofa, DSN 788-1389  
or 256-842-1389. Email: "[ahmad.a.kharofa.ctr@mail.mil](mailto:ahmad.a.kharofa.ctr@mail.mil)".

13.1.2. Alternate - Mr. Tim Tucker, 897-5685 or 256-313-568.  
Email: "[timothy.w.tucker24.civ@mail.mil](mailto:timothy.w.tucker24.civ@mail.mil)".

13.2. Project/Product Manager (PM) Office POCs -

13.2.1. Primary - Mr. Charles Wright, DSN 645-7077  
or 256-955-7077. Email: "[charles.d.wright.civ@mail.mil](mailto:charles.d.wright.civ@mail.mil)".

13.2.2. Alternate - Mr. Jack McRoberts, DSN 645-8265  
or 256-955-8265. Email: "[ellis.j.mcroberts.civ@mail.mil](mailto:ellis.j.mcroberts.civ@mail.mil)".

13.3. Wholesale Materiel 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 (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)".

13.4.2. 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)".

13.4.3. 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)".

13.5. AMCOM Safety POCs -

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

13.5.2. 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)".

13.5.3. 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)".

13.5.4. 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)".

13.6. Foreign Military Sales POCs -

13.6.1. Primary - Ms Tina Pizits, DSN 746-9019 or 256-876-9019. Email: "[tina.m.pizitz.civ@mail.mil](mailto:tina.m.pizitz.civ@mail.mil)".

13.6.2. Alternate - Mr. Kendall Cannon, DSN 897-5564 or 256-313-5564. Email: "[kendall.e.cannon.civ@mail.mil](mailto:kendall.e.cannon.civ@mail.mil)".

13.6.3. Alternate - Mr. Robert Dubose, DSN 788-1068 or 256-842-1068. Email: "[robert.w.dubose.civ@mail.mil](mailto:robert.w.dubose.civ@mail.mil)".