

UNCLASSIFIED

MSG DTG 131313Z JUN 11

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

**SUBJECT - AVIATION MAINTENANCE ACTION MESSAGE (AMAM) ,
MAINTENANCE MANDATORY, ALL OH-58D SERIES AIRCRAFT,
COCKPIT AIR BAG SYSTEM (CABS) STATUS, H-58-11-AMAM-11**

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This message is effective until rescinded or revised.

NOTE

This message is issued IAW AR 750-6 and has not been officially transmitted to units subordinate to addressees. Commanders of Army Commands (ACOM), 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 ACOMs, ARNG, USAR, ASCCs, and DRUs may authorize temporary exception from message requirements IAW AR 750-6, para 2-9 and 2-19. 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 aircraft in DD 250 status, will not issue aircraft until they are in compliance with this

message. This message will not apply to aircraft which are transferred to the U.S. Government via DD Form 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: The OH-58D Cockpit Air Bag System (CABS) is a Supplementary Restraint System which augments the aircraft Primary Restraint System. In recent years, the supply posture of CABS components has not improved to adequately support fleet demands. Recent turn-in of Lateral Inflatable Tubular Structure Assembly (ITS) for warranty repair and revision of the Electronic Crash Sensing Unit (ECSU) software have aggravated this situation, created an acute shortage of available parts, and an increase in ECSU hard faults upon installation. In an effort to determine current CABS readiness, the Armed Scout Helicopter (ASH) Program Manager (PM) office has established the system checks and reporting requirements of this AMAM. This information will allow the PM to determine the fleet-wide posture of the CABS system to inform immediate procurement decisions with the intent of making CABS a reportable system and an FMC requirement.

1.2. Message Purpose -

1.2.1. Require the field to perform functional checks of the CABS and report status.

1.2.3. Provide manual changes.

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

3. ASSEMBLIES/COMPONENTS/PARTS AFFECTED -

Nomenclature	PN	NSN
Electronic	107451-4	1680-01-510-3382
Crash Sensor Unit (ECSU)		
Generator, Gas	107807-1	1337-01-510-5693
Generator, Gas	110190-1	1377-01-522-1780
Lateral ITS Assembly,	110160-1	1560-01-534-9906
CPG Side		
Lateral ITS Assembly,	110160-2	1560-01-535-0083
Pilots side		
Air Bag Module,	110140-1	1560-01-534-9904
Forward		

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-58D-11-AMAM-11 NLT 27 JUN 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 30 JUN 11 IAW AR 750-6. This report will include Aircraft SN, MDS, Date of Initial TAMMS Entry, and the following information -

Component #1 - SN (ECSU).

If NOT on hand or installed enter "N/A".

Component #1 - Inspection Results (Enter CABS Status "PASS or FAIL", and the Software Revision Number, if "FAIL", enter Fault Indication(s) ie: "ECSU", "Pilot 2".

Component #2 - SN (Gas Generator, PN 107807-1, [2EA]).

Enter both SN's.

If NOT on hand or installed enter "N/A".

Component #2 - Inspection Results - (enter both LOT Numbers [2EA] and both Installation Dates, separate each entry with a comma, if installation date is unknown, enter "UNK"). If NOT on hand or installed enter "N/A".

Component #3 - SN (Gas Generator, PN 110190-1, [2EA])

Enter both SNs. If NOT on hand or installed enter "N/A".

Component #3 - Inspection Results (enter both LOT Numbers [2EA] and both Installation Dates, separate each entry with a comma, if installation date is unknown, Enter UNK). If NOT on hand or installed enter "N/A".

Component #4 - Inspection Results (Lateral ITS, Co-Pilot Side) Installed Enter "YES" or "NO".

Component #5 - Inspection Results (Lateral ITS, Pilot Side)
Installed Enter "YES" or "NO".

Component #6 - Inspection Results (Forward Air Bag
Modules CP/P) Installed "Co-Pilot-YES or NO" and
"Pilot - YES or NO". (separate each entry with a comma)

Check the box "Entered on DA Form 2408-15".

5.3. Retail Stock Task/Inspection Compliance Report - 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 an optional Supplement, a
locally reproducible worksheet to aid in AMTRACKS
reporting requirements. If the Supplement 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.

7.1. Perform CABS Self-Test and Fault Isolation

IAW Task 2-7-1 of TM 1-1520-248-T.

7.2. If system passes test, the inspection is complete.
Proceed to para 7.4.

7.3. If system fails test, and replacement parts are required but
not available, follow the procedures provided in Aviation
Maintenance Information Message (MIM) H-58-MIM-08-006 Cockpit Air
Bag System (CABS) Safing Procedures which authorized deactivation
of the CABS when replacement parts are not available. The MIM is
still in effect and the aircraft can still be considered Fully
Mission Capable (FMC) even with the CABS deactivated. However,
findings from recent accident investigations indicate that
activated CABS may have resulted in increased protection of the
crew members.

7.4. Review the reporting requirements of para 5.2 and record
the CABS Status and required system information for installed
CABS for AMTRACKS Reporting. Report IAW para 5.2.

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) - N/A.

11. MAINTENANCE APPLICATION -

11.1. Category of Maintenance - AVUM.

11.2. Estimated Time Required to complete inspection - Total of 2.0 man-hour using 1 person.

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-T.

12.1.4. TM 1-1520-248-23.

12.1.5. TM 1-1520-248-10.

12.1.6. TM 1-1520-248-PPM.

12.2. Publication Changes - The following publications 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.

12.2.1. TM 1-1520-248-10 W/C 4, page 8-3, step 7 (Cockpit right side), sub-step j. ECSU- Check; condition and security. ADD the following: Perform Bit check.

12.2.2. TM 1-1520-248-PPM W/C 9 -

12.2.2.1. PART I, page 28 (Table 1) ADD 2.9 to Requirement Number and place and "X" under PPM Inspection Number 8 & 15.

12.2.2.2 PART I, page 8-2, ADD sequence number 2.9 with the following statement "Perform continuity check of the CABS wiring harness".

12.2.2.3. PART I, page 15-1, ADD sequence number 2.9 with the following statement "Perform continuity check of the CABS wiring harness".

12.2.2.4. PART II, Preventive Maintenance Services (PMS) Checklist, page 16-20, ADD sequence number 2.32 with the following statement: "Visually inspect air bag modules, lateral ITS assemblies, cables, ECSU, ECSU mounting bracket, forward mounting brackets, and mounting hardware for physical damage and security. Inspect ECSU for presence of SYS Fault indication. Perform Maintenance Operational Check (MOC)."

12.2.3. TM 1-1520-248-23 -

12.2.3.1. TASK 14-1-5, after step 12, ADD new requirement. "Perform wiring harness continuity check".

12.2.3.2. TASK 14-1-9, after step 16, ADD new requirement. "Perform wiring harness continuity check".

12.2.3.3. TASK 14-1-15, after step 10, ADD new requirement. "Perform wiring harness continuity check".

13. POINTS OF CONTACT -

13.1. Technical POCs -

13.1.1. Primary - Mr. Ahmad Kharofa (Avion Inc), DSN 788-1389 or 256-842-1389. Fax: (DSN) 788-6758 or 256-842-6758.

Email: "ahmad.a.kharofa@us.army.mil".

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

Email: "lon.stanger@us.army.mil".

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

13.2.1. Primary - Mr. Jack McRoberts, DSN 645-8265 or 256-955-8265. Fax: 897-1541 or 256-313-1541.

Email: "ellis.mcroberts@us.army.mil".

13.2.2. Alternate - Mr. Joe Lane, DSN 645-9829 or 256-955-9829. Fax: 897-1541 or 256-313-1541

Email: "joseph.lane@us.army.mil".

13.2.3. Item Manager (CABS) - Mr. Stanley Roden, DSN 897-1393 or 256-313-1393. Fax: DSN 897-1541 or 256-313-1541 Email: "stanley.roden@peoavm.army.mil"

13.3. Wholesale Materiel POC (DLA) - Mr. William Huttemann, DSN 695-4771 or 804-279-4771,. Fax: DSN 695-2562 or 804-279-2562. Email: "william.huttemann@dla.mil".

13.4. Forms and Records POCs -

13.4.1. Primary - Ms. Ann Waldeck, DSN 746-5564 or 256-876-5564. Email: "ann.waldeck@us.army.mil".

13.4.2. Alternate - Ms. Renate Richters, DSN 746-2570 or 256-876-2570. Email: "renate.richters@us.army.mil".

13.5. AMCOM Safety POCs -

13.5.1. Primary - Mr. Frank Rosebery, DSN 788-8631 or 256-842-8631. Email: "james.rosebery@us.army.mil".

13.5.2. Alternate - Mr. Don Swallom, DSN 788-8641 or 256-842-8641. Email: "donald.swallom@us.army.mil".

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