

UNCLASSIFIED

MSG DTG 251420Z FEB 14

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

SUBJECT - SAFETY OF FLIGHT (SOF), TECHNICAL, ALL OH-58D
SERIES AIRCRAFT, PYLON SIDE BEAM SELF LOCKING NUTS,
H-58-14-SOF-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 "safeadm@conus.army.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 Red //X//.

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>".

1. SUMMARY -

1.1. Background - An OH-58D has reported having cracked self locking retaining nuts on the pylon side beams. The affected nuts are used to secure the pylon side beams to the forward and aft transverse beam.

1.2. Message Purpose - Require a one-time inspection of the pylon side beam attaching hardware for cracked or un-marked self locking retaining nuts.

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

3. ASSEMBLIES/COMPONENTS/PARTS AFFECTED -

3.1. Suspect Assemblies/Components/Parts -

Nomenclature	PN	NSN
Nut, Self Locking	42FLW820	5310-00-809-7447
(Unmarked, not stamped, or not SPS stamping, see addendum)		
	058483-01	5310-00-809-7447
	GYW820	5310-00-809-7447

3.2. Additional Assemblies/Components/Parts Affected -

Nomenclature	PN	NSN
Nut, Self Locking	42FLW820	5310-00-809-7447
(Properly marked with SPS stamping, see addendum)		
Support, Structural	406-010-202-1	1560-01-286-1906
Support, Structural	406-010-201-1	1560-01-286-1905
Bolt, shear	MS21250-0801	5306-00-082-6869

4. 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 red horizontal dash //-// status symbol with the following statement: "Comply with requirements of H-58-14-SOF-02 prior to next flight but not to exceed 4 MAR 14."

5. 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.

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 the final compliance report via AMTRACKS by 7 MAR 14 per AR 750-6. This report will include the Aircraft SN, MDS, Date of initial TAMMS-A Entry, Aircraft Hours, Inspection Results/Comments (enter "PASS" or "FAIL" - if entering FAIL include the number of cracked and/or number of unmarked nuts), 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. Questions regarding registration can be forwarded to the AMTRACKS Administrators at "redstone-amtracks@conus.army.mil".

5.3. Retail Stock Task/Inspection Compliance Report (Installation level and below) - Submit Retail Stock Task/Inspection Compliance Report via AMTRACKS by 7 MAR 14 per AR 750-6. This report will include the Component Nomenclature, PN, NSN, and Inspection Results (enter "PASS" for nuts properly marked with SPS stamp (see addendum) or "FAIL" for cracked, unmarked or non SPS marked nuts.

5.4. Wholesale Stock Task/Inspection Compliance Report (including Depot Stock, Depot Maintenance, and Overhaul/Repair Facilities) - Report compliance with this message per paragraph 8 to the Wholesale POC in paragraph 13.3 by 7 MAR 14.

6. 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.

Aircraft in Transit (surface/air shipment/ferry status/ aircraft away from home station) - Unit commanders unable to comply with the requirement specified in paragraph 4 may defer making the initial aircraft TAMMS-A entry until arrival at final destination. Adjust the date in the TAMMS-A entry to be 7 days after arrival at destination.

7. TECHNICAL PROCEDURES/INSTRUCTIONS - Unless otherwise stated, all message requirements shall be completed by the suspense date listed in paragraph 4.

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 AR 750-6. For help, contact the AMCOM Safety POC in paragraph 13.5.1.

7.1. Referring to the addendum, use an inspection mirror with a flashlight or an appropriate borescope and inspect the 8 (eight) Pylon Side Beam Attachment Nuts for the presence of cracks and/or suspect non-stamped nuts.

7.1.1. If ANY of the nuts are cracked, proceed to paragraph 7.2.

7.1.2. If ANY of the nuts are not cracked but are suspect non-stamped, proceed to paragraph 7.3.

7.1.3. If ALL of the nuts are serviceable (not cracked and/or suspect), the inspection is complete. Proceed to paragraph 7.4.

7.2. If an installed nut is cracked, remove the nut and inspect the bolt for damage.

7.2.1. If the bolt is serviceable, make the following entry on DA Form 2408-13-1. Enter a Red //X// status symbol with the following statement: "[##], [####] Side Beam Retaining Nut unserviceable per H-58-14-SOF-02." Replace [##] with L/H or R/H, and [####] with FORE or AFT, as applicable.

7.2.2. If the bolt is unserviceable make the following entry on the DA Form 2408-13-1. Enter a Red //X// status symbol with the following statement: "[##], [####] Side Beam Retaining Nut and Bolt unserviceable per H-58-14-SOF-02." Replace [##] with L/H or R/H, and [####] with FORE or AFT, as applicable.

7.2.3 If the cracked nut is found to have any markings, immediately contact a Tech POC listed in para 13.1.

7.3. If ANY installed nut is not properly marked (see addendum for examples), make the following entry on DA Form 2408-13-1. Enter a Red //X// status symbol with the following statement: "[##], [####] Side Beam Retaining Nut is unserviceable per H-58-14-SOF-##." Replace [##] with L/H or R/H, and [####] with FORE or AFT, as applicable.

7.4. Clear the initial entry from paragraph 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) -

Annotate the serviceability tag with: "Pylon Side Beam Self Locking Nuts, H-58-14-SOF-02, 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 25 AUG 14.

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

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

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

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

8.1.4. Submit a Retail Stock Task/Inspection report per paragraph 5.3.

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

8.2.1. Suspend issue of affected items until in compliance with message requirements. Commanders and facility managers will ensure all items in condition codes //A// 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.

8.2.2. 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//.

8.2.3. Comply with additional instructions provided by the Wholesale POC in paragraph 13.3 to return items to their original condition code.

9. SPECIAL TOOLS AND FIXTURES REQUIRED - N/A.

10. SUPPLY/PARTS (REQUISITION/DISPOSITION) -

10.1. Parts Required -

Nomenclature	PN/NSN	Qty	Cost ea.	Total \$
Nut, Self Locking	42FLW820	8	\$5.63	\$45.04

5310-00-809-7447
Bolt, shear MS21250-08016 8 \$11.34 \$90.72
5306-00-082-6869
Total cost per aircraft = \$135.76

10.2. Bulk and Consumable Materials - N/A.

NOTE

Project Code X90 (X-ray Nine Oscar) 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 "X90".

10.4. Disposition of Discrepant Parts/Components - Demilitarize/mutilate per TM 1-1500-328-23.

11. MAINTENANCE APPLICATION -

11.1. Category of Maintenance - Field at Aviation Maintenance Company.

11.2. Estimated Time Required -

11.2.1. Time 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 test flights.

11.2.2. Time for repair/replacement - Total of 2.0 man-hour using 2 person.

12. PUBLICATION REQUIREMENTS -

12.1. References -

12.1.1. AR 750-6.

12.1.2. DA Pam 738-751.

12.1.3. TM 1-1500-328-23.

12.1.4. TM 1-1520-248-23&P.

12.1.5. TM 1-1500-204-23-6.

12.2. Publication Changes - N/A.

13. POINTS OF CONTACT -

13.1.1. Primary - Mr. Joe Wathen (Avion), DSN 788-2499 or 256-842-2499. Email: "joseph.e.wathen.ctr@mail.mil".

13.1.2. Alternate - Mr. Tim Tucker, DSN 897-5685 or 256-313-5685. Email: "timothy.w.tucker24.civ@mail.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. Alternate - Mr. Jack McRoberts, DSN 645-8265 or 256-955-8265. Fax: 897-1541 or 256-313-1541.
Email: "ellis.mcroberts@us.army.mil".

13.3. Item Manager (DLA) - Ms. Felicia Barwell, DLA DSN 655-5208 or 804-279-5208. Fax: DSN 655-2562 or 804-279-6562. Email: "felicia.barwell@dla.mil".

13.4. Forms and Records POCs -

13.4.1. Primary (TAMMS) - Mr. Dean Geiselhart, DSN 788-2971 or 256-842-2971. Email: "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".

13.4.3. Alternate (TAMMS and MCDS/LCF) - Mr. Lloyd Willits, DSN 746-3598 or 256-876-3598.
Email: "lloyd.e.willits.civ@mail.mil".

13.5. AMCOM Safety POCs -

13.5.1. Safety (Primary) - Mr. Frank Rosebery, DSN 788-8631 or 256-842-8631. Email: "james.f.rosebery.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".

13.5.3. AMTRACKS (Primary) - Mr. Vic Mosley, DSN 788-8620 or 256-842-8620. Email: "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".

13.6. Foreign Military Sales POCs -

13.6.1. Primary - Mr. Tom Gibson, DSN 788-1077 or 256-842-1077.
Email: "thomas.b.gibson.civ@mail.mil".

13.6.2. Alternate - Mr. Robert Dubose, DSN 788-1068 or 256-842-1068. Email: "robert.w.dubose.civ@mail.mil".

13.6.3. Alternate - Ms. Janett H. Carter, DSN 645-2653 or 256-955-2653. Email: "janett.h.carter.civ@mail.mil".

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