

URGENT

*TB 1-1520-210-20-61

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

ALL UH-1 SERIES AIRCRAFT INSPECTION AND IMPLEMENTATION OF 1000-HOUR RETIREMENT LIFE FOR THE COLLECTIVE LEVER ASSEMBLY, P/N 204-011-438-1

Headquarters, Department of the Army, Washington, D. C.
29 March 2002

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NOTE

THIS PUBLICATION IS EFFECTIVE UNTIL RESCINDED OR SUPERSEDED.

NOTE

This is a Safety of Flight Message/TB issued IAW AR 95-1, Chapter 6, 1 Sep 97. This message/TB has not been transmitted to units subordinate to addressees. Addressees should immediately retransmit this message/TB to all subordinate units, activities, or elements affected or concerned. The retransmittal shall reference this message/TB. Action addressees will immediately verify this transmission to CDR, AMCOM, ATTN: AMSAM-SF-A (SOF Compliance Officer).

1. Priority Classification. URGENT.

NOTE

IAW AR 95-1, paragraph 6-6.a./6-14.a., MACOM commanders may authorize temporary exception from SOF message/TB requirements. Exception may only occur when combat operations or matter of life or death in civil disasters or other emergencies are so urgent that they override the consequence of continued aircraft operation.

a. Aircraft in Use. Upon receipt of this message/TB, make the following entry on the DA Form 2408-13-1. Enter a **Red HORIZONTAL DASH //--//** status symbol with the following statement: "Inspect Collective Lever Assembly IAW UH-1-02-03 (TB 1-1520-210-20-61) prior to next flight, but NLT 22 March 2002." Clear the **RED HORIZONTAL DASH //--//** entry when the procedures IAW paragraphs 8 and 9 are completed. The affected aircraft shall be inspected as soon as practical but not later than 22 March 2002. Commanders who are unable to comply with the requirements of this message/TB within the time frame specified will upgrade the affected aircraft status symbol to a **RED //X//**.

*This TB supersedes USAAMCOM Safety of Flight Message 191602Z Mar 02, UH-1-02-03.

b. Aircraft in Maintenance.

(1) **Aircraft in AVUM, AVIM, or Depot Level Maintenance.** Same as paragraph 1.a.

(2) **Aircraft at Contractor Facility.** U. S. Helicopters will inspect DD 250 aircraft prior to those aircraft departing for ferry to final destination.

c. Aircraft In Transit.

(1) **Surface/Air Shipment.** Same as paragraph 1.a.

(2) **Ferry Status.** Same as paragraph 1.a.

d. Maintenance Trainers (Category A and B). Not applicable.

e. Component/Parts in Stock at All Levels (Depot and Others) Including War Reserves. Upon receipt of this message/TB, Commanders will ensure the materiel condition tags of all items in all condition codes listed in paragraph 6 are annotated to read: "UH-1--02-03 (TB 1-1520--210-20-61) inspect Collective Lever Assembly, P/N 204-011-438-1, not complied with."

(1) **Wholesale Stock.** N/A

(2) **Retail Stock.** Upon receipt of this message/TB, Commanders and Facility Managers maintaining retail stock at installation level and below shall contact the supported aviation unit to perform the procedures required IAW paragraphs 8 and 9 on suspect materiel. Dispose of discrepant materiel IAW paragraph 10. Report compliance with this message IAW paragraph 14.c.(2). NLT 26 March 2002."

f. Components/Parts in Work. (Depot Level and Others). Depot and other Maintenance Activity Commanders will ensure items listed in paragraph 6 not issued until they are in compliance with this message/TB.

2. Task/Inspection Suspense Date. Complete the inspection IAW paragraph 8 prior to next flight but NLT 22 March 2002.

3. TAMMS Reporting Compliance Suspense Date. Report compliance IAW paragraph 14.a.(1) NLT 26 March 2002.

4. Summary of Problem.

a. A recent failure of the Collective Lever Assembly (also known as the Pylon Lever) P/N 204-011-438-1, occurred on a UH-1H in Turkey prior to the part reaching the 2400-hour retirement life. Bell Helicopter Textron, Incorporated (BHTI) investigated this incident and issued Military Alert Bulletin USA-UH-1H-02-65 to reduce the 2400-hour life on this part to a 1000 hour due to fatigue at 2375 hours. The Army is implementing a 1000-hour retirement life on this part. Collective/pylon lever assembly, P/N 212-010-403-5, has a 4800-hour retirement life and is not affected by the requirements of this message/TB.

b. For Manpower/Downtime and Funding Impacts. See paragraph 12.

c. The Purpose of this Message/TB is to:

(1) Require inspection of all UH-1H/V Collective/Pylon Lever Assemblies IAW paragraph 8.

(2) Establish a 1000-hour retirement life for Collective/Pylon Lever Assembly, P/N 204-011-438-1.

(3) Require corrective procedures and disposition instructions IAW paragraphs 9 and 10.

5. **End Items to be inspected.** All UH-1 series aircraft.

6. **Assembly Components to be Inspected.**

NOMENCLATURE	PART NUMBER	NATIONAL STOCK NUMBER
Pylon Lever Assembly	204-011-438-1	1650-00-830-9754
Pylon Lever Assembly	212-010-403-5	1615-00-471-5918

7. **Parts to be Inspected.** Not applicable.

8. **Inspection Procedures.**

a. Gain access to the aircraft Collective/Pylon Lever Assembly.

b. Locate the part number on the assembly. Part number may be located on a data plate fastened to the Collective/Pylon Lever or part number may be etched directly onto the part.

(1) If the part number on both assemblies is 212-010-403-5, the inspection is complete and the **RED DASH //--//** entry required by paragraph 1.a. may be cleared. Collective/Pylon Lever Assembly, P/N 212-010-403-5, has a 4800-hour retirement life and is not affected by the requirements of this message/TB.

(2) If the part number on either assembly is 204-011-438-1 and the time since new is less than 1000, see paragraph 9.d.

(3) If the part number on either assembly is 204-011-438-1 and the time since new is greater than 1000, perform corrective procedures IAW paragraph 9.a. and 9.b.

c. Inspect Collective/Pylon Lever Assemblies in Supply as follows:

(1) Inspect Supply Stock to determine assembly part number.

(2) If the part number is 212-010-403-5 the inspection is complete.

(3) If the part number is 204-011-438-1 and it has less than 1000 hours since new, the inspection is complete.

(4) If the part number is 204-011-438-1, and it has more than 1000 hours time since new, perform corrective procedures IAW paragraph 9.c.

9. **Corrective Procedures.**

a. Remove installed Collective/Pylon Lever Assembly IAW TM 55-1520-210-23-1, Chapter 5, paragraph 5-70. Dispose of discrepant material IAW paragraph 10.

b. Install serviceable Collective/Pylon Lever Assembly, IAW TM 55-1520-210-23-1, Chapter 5, paragraph 5-73. The **RED DASH //--//** entry required by paragraph 1.a. may be cleared.

c. For all discrepant material in the Supply System (at all levels), complete a DA Form 2410, Copy 3 to show a "J" loss to the Army Inventory and send to AMCOM, AMSAM-MMC-MA-NC. Tag with a material condition tag/label, DD Form 1577/DD Form 1577-1, unserviceable (condemned) tag/label, materiel (color Red) Dispose of discrepant materiel IAW paragraph 10.d.

d. For all installed Collective/Pylon Levers, P/N 204-011-438-1 with less than 1000 hours, change the DA Form 2408-16 to reflect the new 1000 hour retirement life and recalculate the new due time and the **RED DASH //--//** entry required by paragraph 1.a. may be cleared.

e. ULLS-A units shall use this message/TB as authority to change the Component Master File.

10. Supply/Parts and Disposition.

NOTE

HQDA will prioritize units and repair parts distribution.

a. **Parts Required.** Items cited in paragraphs 12.c. may be required to replace defective items.

b. **Requisitioning Instructions.** Requisition replacement parts using normal Supply procedures. All requisitions shall use Project Code (CC 57-59) "X1P" (X-RAY-ONE-PAPA).

NOTE

Project Code "X1P (X-RAY-ONE-PAPA)" is required to track and establish a data base of stock fund expenditures incurred by the field as a result of message/TB actions.

c. **Bulk and Consumable Materials.**

NOMENCLATURE	PART NUMBER	NATIONAL STOCK NUMBER
Nut, Self-Locking	MS21045L8	5310-00-857-5562
Washer, Flat	AN960-816	5310-00-167-0823
Nut, Self-Locking	MS21042L4	5310-00-807-1475
Washer, Flat	AN960PD416	5310-00-187-2354
Nut, Self-Locking	MS21042L6	5310-00-807-1477
Washer, Flat	AN960PD616	5310-00-187-2400

d. **Disposition.** Dispose of removed parts/components using normal Supply procedures. All turn-in documents must include Project Code (CC 57-59) "X1P" (X-RAY-ONE-PAPA).

e. **Disposition of Hazardous Material.** Not applicable.

11. Special Tools, Jigs and Fixtures Required. Not applicable.

12. Application.

a. **Category of Maintenance.** AVUM. Aircraft downtime will be charged to AVUM maintenance. Report aircraft non-mission capable maintenance (NMCM) while undergoing inspection and correction IAW this message/TB.

b. **Estimated Time Required.**

(1) Time to Complete Inspection.

- (a) Total of 0.2 man-hours using 1 person.
- (b) Total of 0 hours downtime for one end item.

(2) Time for Repair/Replacement.

- (a) Total of 3 man-hours using 1 person.
- (b) Total of 3 hours downtime for one end item.

c. Estimated Cost Impact to the Field.

NOMENCLATURE	PART NUMBER	NATIONAL STOCK NUMBER	QTY	COST EA.	TOTAL COST
Pylon Lever Assembly	212-010-403-5	1615-00-471-5918	2	\$318.62	\$637.24
Nut, Self-Locking	MS21045L8	5310-00-857-5562	2	.97	1.94
Washer, Flat	AN960-816	5310-00-167-0823	4	.04	.16
Nut, Self-Locking	MS21042L4	5310-00-807-1475	4	.12	.48
Washer, Flat	AN960PD416	5310-00-187-2354	8	.03	.24
Nut, Self-Locking	MS21042L6	5310-00-807-1477	1	.42	.42
Washer, Flat	AN960PD616	5310-00-187-2400	2	.03	.06
TOTAL COST PER AIRCRAFT				\$640.54	

d. TB/MWOs to be Applied Prior to or Concurrently with this Inspection. Not applicable.

e. Publications which Require Change as a Result of this Inspection. TM 55-1520-210-23-1 shall be changed to reflect this message/TB. A copy of this message/TB shall be inserted in the appropriate TM as authority to implement the change until the printed change is received.

13. References.

- a. DA PAM 738-751, 15 Mar 99.
- b. TM 55-1520-210-23P-1.
- c. TM 55-1520-210-23-1.
- d. TM 1-1500-328-23.

14. Recording and Reporting Requirements.

a. Aircraft.

(1) TAMMS Reporting Compliance Suspense Date. Upon entering requirements of this message/TB on DA Form 2408-13-1 for all effected aircraft, Commanders will forward a priority message, datafax or E-mail to CDR, AMCOM, ATTN: AMSAM-SF-A (SOF Compliance Officer), Redstone Arsenal, AL 35898-5000 IAW AR 95-1, NLT date specified in paragraph 3. Datafax number is DSN 897-2111 or commercial (256) 313-2111. E-mail address is <safeadm@redstone.army.mil>. The report will cite UH-1-02-03 (TB 1-1520-210-20-61), date of entry on DA Form 2408-13-1, the Aircraft Mission Design Series (MDS), and serial numbers of aircraft in numerical order.

(2) Task/Inspection Reporting Suspense. Not applicable.

b. Wholesale Spare Parts/Assemblies.

(1) Reporting Message Receipt. Not applicable.

(2) Task/Inspection Reporting Suspense. Not applicable.

c. Retail Spare Parts/Assemblies.

- (1) **Reporting Message Receipt.** Not applicable.
- (2) **Task/Inspection Reporting Suspense.** Not applicable.

d. The Following Forms are Applicable and are to be Completed in Accordance with DA Pamphlet 738-751, dated 15 March 1999:

NOTE

Unit Level Logistics System--Aviation (ULLS--A) users will use applicable electronic "E" forms.

- (1) DA Form 2408-5-1, Equipment Modification Record (Pylon Lever Assembly).
- (2) DA Form 2408-13, Aircraft Status Information Record.
- (3) DA Form 2408-13-1, Aircraft Inspection and Maintenance Record.
- (4) DA Form 2408-16, Aircraft Component Historical Record.
- (5) DA Form 2410, Component Removal and Repair/Overhaul Record.
- (6) DD Form 1574/DD Form 1574-1, Serviceable Tag/Label -- Materiel (Color Yellow). Annotate Remarks Block with "Inspect serviceable IAW "UH-1-02-03 (TB 1-1520-210-20-61)."
- (7) DD Form 1577/DD Form 1577-1, Unserviceable (CONDEMNED) Tag Label -- Materiel (Color Red). Annotate Remarks Block with "Condemned IAW UH-1-02-03 (TB 1-1520-210-20-61) and mutilated IAW TM 1-1500-328-23."

15. Weight and Balance. Not applicable.

16. Points of Contact:

a. Technical point of contact for this TB is: Mr. Darrell Hutson, AMSAM--RD--AE--I--D--U, DSN 897-2350, extension 9721, or Commercial (256) 705-9721. Datafax is DSN 897-9896 or Commercial (256) 705-9896. E-mail is <darrell.hutson@UH.redstone.army.mil>.

b. Logistical point of contact for this TB are:

(1) Primary -- Mr. Mike Haragan, AMSAM--DSA--UH--U, DSN 645-0663 or Commercial (256) 955-0663. Datafax is DSN 897-3770 or Commercial (256) 313-3770. E-mail is <mike.haragan@UH.redstone.army.mil>.

(2) Alternate -- Mr. Charles Elkins, SFAE--UH--U, DSN 645-0073 or Commercial (256) 955-0073. Datafax is DSN 897-3762 or Commercial (256) 313-3762. E-mail is: <charlie.elkins@UH.redstone.army.mil>.

c. Wholesale Materiel Point of Contract (Spares). Not applicable.

d. Forms and Records point of contact for this TB is: Ms. Ann Waldeck, AMSAM--MMC--MA--NM, DSN 746-5564 or Commercial (256) 876-5564. Datafax is DSN 746-4904 or Commercial (256) 876-4904. E-mail is <ann.waldeck@redstone.army.mil>.

e. Safety points of contact for this TB are:

(1) Primary -- Mr. Frank Roseberry, (SAIC), AMSAM--SF--A, DSN 788-8631 or Commercial (256) 842-8631. Datafax is DSN 897-2111 or Commercial (256) 313-2111. E-mail is <frank.roseberry@redstone.army.mil>.

(2) Alternate -- Mr. Signey Hernandez, AMSAM--SF--A, DSN 897-2094 or Commercial (256) 313-2094. Datafax is DSN 897-2111 or Commercial (256) 313-2111. E-mail is <signey.hernandez@redstone.army.mil>.

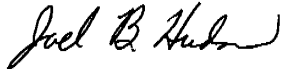
f. Foreign Military Sales recipients requiring clarification of action advised by this TB should contact: Mr. Ronnie W. Sammons, Security Assistance Management, AMSAM-SA-CS-NF, DSN 897-6856 or Commercial (256) 313-6856. Datafax is DSN 897-6630 or Commercial (256) 313-6630. E-mail is <ronnie.sammons@redstone.army.mil>

g. After hours contact the AMCOM Command Operations Center (COC) DSN 897-2066/2067 or Commercial (256) 313-2066/2067.

17. Reporting of Errors and Recommending Improvements. You can improve this TB. If you find any mistakes or if you know of a way to improve these procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to: Commander, US Army Aviation and Missile Command, ATTN: AMSAM-MMC--MA-NP, Redstone Arsenal, Alabama 35898-5000. A reply will be furnished to you. You may also send in your comments electronically to our E-mail address at <2028@redstone.army.mil>, or by datafax at DSN 788-6546 or commercial (256) 842-6546. Instructions for sending a DA Form 2028 by E-mail may be found at the back of most Technical Manuals.

By Order of the Secretary of the Army:

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