

# URGENT

\*TB 1-2840-229-20-24

## DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

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### REVISION TO SAFETY OF FLIGHT UH-1-99-01, ALL UH-1 SERIES AIRCRAFT, SUSPENSE DATE FOR MANDATORY N2 SPUR GEAR REPLACEMENT

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Headquarters, Department of the Army, Washington, D. C.  
8 October 1999

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**DISTRIBUTION STATEMENT A:** Approved for public release; distribution is unlimited.

#### NOTE

THIS PUBLICATION IS EFFECTIVE UNTIL RESCINDED OR  
SUPERSEDED.

1. **Priority Classification.** URGENT.

#### NOTE

See AR 95-1, paragraph 6-6.a., for exception authority of major  
commanders.

**a. Aircraft in Use.** Upon receipt of the message/TB whichever occurs first, the condition status symbol of the cited aircraft will be changed to a **Horizontal Red -**. The **Horizontal Red -** may be cleared when the inspection of paragraph 8 and the correction of paragraph 9 is completed. The affected aircraft shall be inspected as soon as practical but not later than the task/inspection suspense date. Failure to comply with the requirements of this message/TB within the time frame will cause the status symbol to be upgraded to a **Red X**.

**b. Aircraft in Depot Maintenance.** Aircraft will not be issued until compliance with this SOF has been completed.

**c. Aircraft Undergoing Maintenance.** Same as paragraph 1.a.

**d. Aircraft in Transit.**

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

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

**e. Maintenance Trainers (Category A and B).** Same as paragraph 1.a.

\*This TB supersedes USAAMCOM Safety of Flight (SOF) Message, 301143Z, SEP 99, UH-1-99-04.

f. **Component/Parts in Stock at All Levels (Depot and Others) Including War Reserves.** Upon receipt of the message/TB whichever occurs first, the material condition tags of all items in all condition codes listed in paragraph 6 shall be annotated to read "SOF UH-1-99-04 (TB 1-2840-229-20-24), Suspense Date for Mandatory N2 Spur Gear Replacement Not Complied With."

2. **Task/Inspection Suspense Date.** NLT 30 June 2000.

3. **Reporting Compliance Suspense Date.** No later than 22 October 1999 in accordance with paragraph 14.a. of this message/TB.

4. **Summary of the Problem.**

a. **Background.**

(1) UH -1-99-01 and TB 1-2840-229-20-21 established 30 September 1999 as the mandatory compliance date for installation of the coated spur gear, part number 1-070-062-06. Reports from units in the field have requested this date be extended due to manpower (installation team) and coated spur gear shortages.

(2) With the exception of the compliance date, this message does not impose any additional requirements to the above mentioned SOF and TB. All other requirements of those messages have not changed and are not superceded by this message/TB.

b. **For Manpower/Downtime and Funding Impacts** see paragraph 12.

c. **The purpose of this TB is to:** Extend the mandatory compliance suspense date required IAW TB 1-2840-229-20-21 (UH-1-99-01) to be 30 June 2000.

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

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

NOMENCLATURE	PART NUMBER	NATIONAL STOCK NUMBER
T53-L-13B Engine	1-000-060-22	2840-00-134-4803

7. **Parts to be Inspected.**

NOMENCLATURE	PART NUMBER	NATIONAL STOCK NUMBER
N2 Spur Gear	1-070-062-04	3020-00-453-9441
N2 Spur Gear (Coated)	1-070-062-06	3020-01-455-7341

8. **Inspection Procedures.**

a. Inspect aircraft records to determine if the coated spur gear, P/N 1-070-062-06, NSN 3020-01-455-7341, has been installed IAW TB 1-2840-229-20-16 (UH-1-98-06).

(1) If TB 1-2840-229-20-16 (UH-1-98-06) has been complied with (coated spur gear installed), the inspection is complete and the requirements of this message/TB have been met.

(2) If TB 1-2840-229-20-16 (UH-1-98-06) has not been complied with (coated spur gear not installed), proceed to the correction procedures in paragraph 9.

9. **Correction Procedures.**

a. Update the aircraft status symbol remarks IAW paragraph 1 as required.

b. Extend the mandatory compliance suspense date required IAW TB 1-2840-229-20-21 (UH-1-99-01) to be 30 June 2000.

**10. Supply/Parts and Disposition.** N/A.

**11. Special Tools, Jigs and Fixtures Required.** N/A.

**12. Application.**

a. **Category of Maintenance.** AVUM.

b. **Estimated Time Required.**

(1) Total of .5 man-hours using 1 person.

(2) Total of 0 hours downtime for one end item.

c. **Estimated Cost Impact to the Field.** N/A.

d. **TB/MWOs to be Applied prior to or concurrently with this Inspection.** N/A.

e. **Publications which Require Change as a Result of this SOF message/TB.** N/A.

**13. References.** TB 1-2840-229-20-21 (UH-1-99-01).

**14. Recording and Reporting Requirements.**

a. **Reporting Compliance Suspense Date (Aircraft).** Upon entering requirements of this message/TB on DA Form 2408-13-1 on all subject MDS aircraft, forward a priority message, datafax or e-mail to CDR, AMCOM, ATTN: AMSAM-SF-A (SOF Compliance Officer), Redstone Arsenal, AL 35898-5222, IAW AR 95-1. Datafax number is DSN 897-2111 or (256) 313-2111. E-mail address is <safeadm@redstone.army.mil>. The report will cite this message/TB number, date of entry in DA Form 2408-13-1, the aircraft MDS and serial numbers of aircraft in numerical order.

b. **Task/Inspection Reporting Suspense Date (Aircraft).** No special report of this inspection is required.

c. **Reporting message/TB Receipt (Spares).** N/A.

d. **The Following Forms are Applicable and are to be Completed in Accordance with DA Pamphlet 738-751, dated 15 Mar 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 (Engine).

(2) DA Form 2408-13, Aircraft Status Information Record.

(3) DA Form 2408-13-1, Aircraft Inspection and Maintenance Record.

(4) DA Form 2408-14, Uncorrected Fault Record.

(5) DA Form 2408-15, Historical Record for Aircraft.

**15. Weight and Balance.** N/A.

**16. Points of Contact.**

a. Technical points of contact for this message/TB are.

(1) Primary – Mr. Mark Heitert, AMSAM-AR-EP, DSN 897-4964 or (256) 313-4964, datafax is 897-4961. E-mail is <heitertm@redstone.army.mil>.

(2) Alternate – Mr. Steve Monaco, AMSAM-AR-E-I-B-U, DSN 645-0078 OR (256) 955-0078, Datafax is 645-6590. E-mail is <steve.monaco@uh.redstone.army.mil>.

b. Logistical point of contact for this message/TB is Mr. Charles Elkins, AMSAM-DSA-UH-U, DSN 645-0073 or (256) 955-0073; Datafax is DSN 645-6590 OR (256) 955-6590; E-mail is <charlie.elkins@uh.redstone.army.mil>.

c. Wholesale materiel point of contact for this message/TB is Ms. Bonnie Winfrey, AMSAM-MMC-VS-UN, DSN 897-1080 or (256) 313-1080, Datafax is (256) 313-1558, E-mail is <winfrey-bj@exchange1.redstone.army.mil>.

d. Forms and records point of contact for this message/TB is Ms. Ann Waldeck, AMSAM-MMC-RE-FF, DSN 746-5564 or (256) 876-5564; Datafax is DSN 746-4904 or (256) 876-4904; E-mail is <waldeck-ab@redstone.army.mil>.

e. Safety point of contact for this message/TB is Mr. Robert D. Brock, AMSAM-SF-A, DSN 788-8632 or (256) 842-8632; Datafax is DSN 897-2111 or (256) 313-2111; E-mail is <brock-rd@redstone.army.mil>.

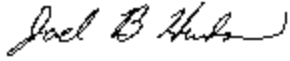
f. Foreign Military Sales (FMS) recipients requiring clarification of action advised by this message/TB should contact either CW5 Joseph L. Wittstrom, Security Assistance Management, AMSAM-SA, DSN 897-0681 or commercial (256) 313-0681; E-mail is <wittstrom-jl@redstone.army.mil>. Alternate POC is Mr. Ronnie W. Sammons, AMSAM-SA-CS-NF, DSN 897-0869 or (256) 313-0869; Datafax is DSN 897-0411 or (256) 313-0411; E-mail is <sammons-rw@redstone.army.mil>. Huntsville, Alabama is GMT minus 6 hrs.

g. After hours contact 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-LS-LP, Redstone Arsenal, Alabama 35898-5230. A reply will be furnished to you. You may also send in your comments electronically to our E-mail address at <ls-lp@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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Distribution:

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