

# URGENT

\*TB 1-1520-243-20-30

## DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

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### ONE TIME INSPECTION OF PILOT AND CO-PILOT SAFETY BELT, ALL UH-1 SERIES AIRCRAFT

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Headquarters, Department of the Army, Washington, D. C.  
7 December 2001

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#### NOTE

THIS PUBLICATION IS EFFECTIVE UNTIL RESCINDED OR SUPERSEDED.

#### 1. Priority Classification. URGENT.

#### NOTE

IAW AR 95-1, paragraph 6-14.a., MACOM commanders may authorize temporary exception from ASAM message 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 consequences of continued aircraft operation.

**a. Aircraft in Use.** Upon receipt of subject message/Technical Bulletin (TB) make the following entry on the DA Form 2408-13-1. Enter a **RED HORIZONTAL DASH //--//** status symbol with the following statement: "Inspect Pilot and Co-pilot Safety Lap Belts IAW UH-1-02-ASAM-01 (TB 1-1520-243-20-30) NLT 14 Nov 01." Clear the **RED HORIZONTAL DASH //--//** entry when the procedures IAW paragraph 8 are completed. Commanders who are unable to comply with the requirements of this message within the time frame specified will upgrade the affected aircraft status symbol to a red **//X//**.

**b. Aircraft in Depot Maintenance Facility.** Same as paragraph 1a.

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

(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 1a.

(2) **Ferry Status.** Inspection at final destination.

\*This TB supersedes USAAMCOM Aviation Safety Action Message (ASAM) UH-1-02-ASAM-01, 071230Z Nov 01.

**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, depot and materiel activity commander will ensure the material condition tags of all items in all condition codes listed in paragraphs 7 shall be annotated to read "UH-1-02-ASAM-01 (TB 1-1520-243-20-30), Inspection of Safety Belts, not complied with".

**(1) Wholesale Stock.** Not Applicable.

**(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 on suspect materiel. Dispose of discrepant materiel IAW paragraph 10.

**f. Components/Parts in Work. (Depot Level and Others).** Not applicable.

**2. Task/Inspection Suspense Date.** Complete the inspection IAW paragraph 8 NLT 14 Nov 2001.

**3. TAMMS Reporting Compliance Suspense Date.** Report compliance IAW paragraph 14.a. NLT 16 Nov 2001.

**4. Summary of the Problem.**

**a.** Field reports indicates there are aircraft that have incorrect pilot/co-pilot Safety Lap Belts installed. The approved design has a perforated "V" shaped latch that was designed to provide improved access and quicker release during an emergency egress. Non-compliant belts, with a straight latch, were inadvertently mixed in with the approved design belt at the wholesale level storage facility. This mixture of two differently designed safety belts has resulted in units receiving non-compliant safety belts. Wholesale stock has been inspected and purged to eliminate future deliveries to the wrong belt.

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

**c. The Purpose of this TB is to inspect all UH-1 pilot and co-pilot aircraft safety belts for the approved configuration and to replace non-conforming belts.**

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

**6. Assembly Components to be Inspected.** Not applicable.

**7. Parts to be Inspected.**

NOMENCLATURE	PART NUMBER	NATIONAL STOCK NUMBER
Belt, Aircraft Safety	205-070-749-1	1680-00-967-1831
Belt, Aircraft Safety	64D2160	1680-00-967-1831
Belt, Aircraft Safety	SK8200	1680-00-967-1831

**8. Inspection Procedures.**

- a. Gain access to the pilot/co-pilot Safety Belt assemblies.

**NOTE**

The following is provided as information only. TM 1-1500-204-23-1, paragraph 11-21, defines the required finger clearance for the perforated latch. Some Safety Belts assemblies may have been modified with an extension to the perforated (V-Shaped) latch. This modification was added (prior to the instructions of TM 1-1500-204-23-1) to increase the clearance of the latch. Not all perforated latches have this extension; however, if it is installed, the extension is acceptable.

- b. Inspection the pilot/co-pilot seat belts for the presence of the perforated (V-shaped) latch mechanism.
- c. If the perforated (V-shaped) latch is installed, the inspection is complete.
- d. If the straight latch is installed, accomplished the correction procedures in paragraph 9.

**9. Corrective Procedures.**

- a. If the straight latch is installed, clear the **RED HORIZONTAL DASH //--//** entry from paragraph 1.a and make the following entry on the DA form 2408-13-1. Enter a **RED DIAGONAL \\\ /\\** status symbol with the following statement: "Replace pilot/co-pilot safety belts IAW UH-1-02-ASAM-01 (TB 1-1520-243-20-30) NLT 18 Jan 2002."

- b. Place a copy of this message in the aircrew information reading files. This is to ensure crews are aware of the potential that non-compliant seat belts may be installed. The message may be removed from the reading files once all aircraft in that unit no longer contain non-compliant seat belts.

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

- a. **Parts Required.** Items cited in paragraph 7 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) "X18" (X-RAY-ONE-EIGHT).

**NOTE**

Project Code "X18" is required to track and establish a data base of stock fund expenditures incurred by the field as a result of message actions.

- (1) Units may request reimbursement for non-compliant lap belts by submitting an SF-364 supply discrepancy report (SDR) (formerly report of discrepancy) in accordance with AR 735-11-2. Units may submit the SDR by mail to: Defense Logistics Agency, DSCR-JKR, 8000 Jefferson Davis Highway, Richmond, VA 23897-5762.

- (2) Units may also phone in the SDR to the DSCR customer call center, (804) 279-4865, DSN 695-4865, submit through the DSCR website, "www.dscr.dla.mil", customer information, customer assistance, supply discrepancy report; or fax report to (804) 279-3329, DSN 695-3329.

- c. **Bulk and Consumable Materials.** Not applicable.

- d. **Disposition.**

- (1) If reimbursement request will be submitted, hold any discrepant part/component pending disposition instructions from the DSCR customer call center.

(2) If reimbursement request will not be submitted, demilitarize/mutilate IAW TM 1-1500-328-23 any part/component which does not meet inspection criteria.

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 correction IAW this message/TB.

b. **Estimated Time Required.**

(1) Time to complete inspection. Total of 0.5 man-hours using 1 person.

(2) Time for replacement.

(a) Total of 1 man-hour using 1 person.

(b) Total of 1 hour downtime for one end item.

c. **Estimated Cost Impact to the Field.**

**NOTE**

Units may request reimbursement for non-compliant belts IAW with paragraph 10b.

NOMENCLATURE	PART NUMBER	NATIONAL STOCK NUMBER	QTY	COST EA	TOTAL
Belt, Aircraft Safety	205-070-749-1	1680-00-967-1831	2	\$86.42	\$172.84

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.** Not applicable.

13. **References.**

a. DA PAM 738-751, 15 Mar 99.

b. TM 1-1500-204-23-1.

c. TM 1-1500-328-23.

d. TM 1-1520-210-23.

e. TM 1-1520-210-23P.

14. **Recording and Reporting Requirements.**

a. Aircraft.

(1) **TAMMS Reporting Compliance Suspende.** Upon entering requirements of this message/TB on DA Form 2408-13-1 for all effected aircraft, commanders will forward a priority message/TB, 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-ASAM-01 (TB 1-1520-243-20-30), date of entry on DA Form 2408-13-1, the aircraft MDS, and serial numbers of aircraft in numerical order.

- (2) **Task/Inspection Reporting Suspense.** Not applicable.
- b. **Wholesale Spare Parts/Assemblies.** Not applicable.
- c. **Retail Spare Parts/Assemblies.** 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 2408-13, Aircraft Status Information Record.
- (2) DA Form 2408-13-1, Aircraft Inspection and Maintenance Record.
- (3) DA Form 2408-15, Historical Record for Aircraft.
- (4) DD Form 1577/DD Form 1577-1, Unserviceable (Condemned) Tag/Label - Materiel (Color Red). Annotate remarks block with "Condemned IAW UH-1-02-ASAM-01 (TB 1-1520-243-20-30) and Mutilated IAW TM 1-1500-328-23".

**15. Weight and Balance.** Not applicable.

**16. Points of Contact.**

a. Technical points of contact for this TB is Mr. Ralph Vemer, AMSAM-RD-AE-I-D-U, DSN 645-0663 (alternate DSN 897-0758) or (256) 955-0663, Fax is (256) 955-6590. E-mail is "ralph.vemmer@uh.redstone.army.mil".

b. Logistical points of contact for this TB is Mr. Mike Haragan, AMSAM-DSA-UH-U, DSN 645-0211 or (256) 955-0211, Fax is (256) 313-3770. E-mail is "mike.haragan@uh.redstone.army.mil".

c. Wholesale Materiel point of contact (Spares) is Ms. Sandy Moore, DLA Defense Supply Center Richmond, DSA 695-3252 or (804) 279-3252. Datafax is DSN 695-5695. E-mail is "srmoore@dscr.dla.mil".

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 (256) 876-4904. E-mail is <ann.waldeck@redstone.army.mil>.

e. Safety points of contact for this TB are:

(1) Primary - Mr. Randall Rushing, (SAIC), AMSAM-SF-A, DSN 897-2092 or Commercial (256) 313-2092. Datafax is DSN 897-2111 or (256) 313-2111. E-mail is "randall.rushing@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 (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:

(1) Primary - Mr. Ronnie W. Sammons, AMSAM-SA-CS-NF, DSN 897-6856 or Commercial (256) 313-6856. Datafax is DSN 897-6630 or (256) 313-6630. E-mail is "ronnie.sammons@redstone.army.mil".

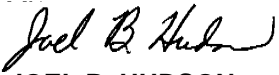
(2) Alternate – Mr. Paul W. Tarr, AMSAM-SA-CS-NF, DSN 897-6861 or (256) 313-6861. Datafax is DSN 897-6630 or (256) 313-6630. E-mail "tarrpw@redstone.army.mil".

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 35898-5230. 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:

Official:

  
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DOPE ABOUT IT ON THIS FORM.  
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# THE METRIC SYSTEM AND EQUIVALENTS

## WEIGHT MEASURE

1 Centimeter = 10 Millimeters = 0.01 Meters = 0.3937 Inches  
 1 Meter = 100 Centimeters = 1000 Millimeters = 39.37 Inches  
 1 Kilometer = 1000 Meters = 0.621 Miles

## WEIGHTS

Gram = 0.001 Kilograms = 1000 Milligrams = 0.035 Ounces  
 1 Kilogram = 1000 Grams = 2.2 lb.  
 1 Metric Ton = 1000 Kilograms = 1 Megagram = 1.1 Short Tons

## LIQUID MEASURE

1 Milliliter = 0.001 Liters = 0.0338 Fluid Ounces  
 1 Liter = 1000 Milliliters = 33.82 Fluid Ounces

## SQUARE MEASURE

1 Sq. Centimeter = 100 Sq. Millimeters = 0.155 Sq. Inches  
 1 Sq. Meter = 10,000 Sq. Centimeters = 10.76 Sq. Feet  
 1 Sq. Kilometer = 1,000,000 Sq. Meters = 0.386 Sq. Miles

## CUBIC MEASURE

1 Cu. Centimeter = 1000 Cu. Millimeters = 0.06 Cu. Inches  
 1 Cu. Meter = 1,000,000 Cu. Centimeters = 35.31 Cu. Feet

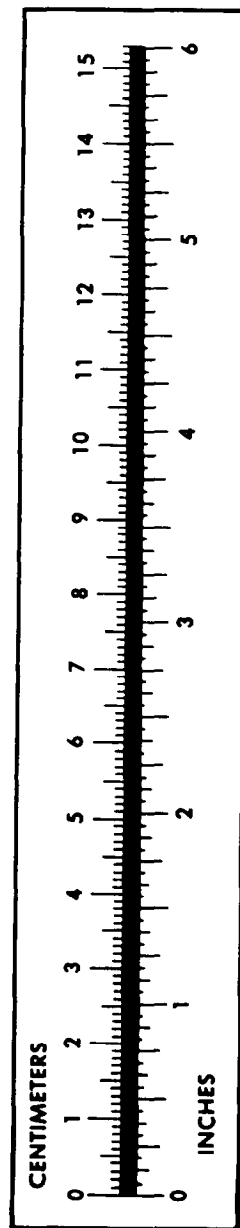
## TEMPERATURE

$5/9(^{\circ}\text{F} - 32) = ^{\circ}\text{C}$   
 212° Fahrenheit is equivalent to 100° Celsius  
 90° Fahrenheit is equivalent to 32.2° Celsius  
 32° Fahrenheit is equivalent to 0° Celsius  
 $9/5^{\circ}\text{C} + 32 = ^{\circ}\text{F}$

## APPROXIMATE CONVERSION FACTORS

TO CHANGE	TO	MULTIPLY BY
Inches	Centimeters	2.540
Feet	Meters	0.305
Yards	Meters	0.914
Miles	Kilometers	1.609
Square Inches	Square Centimeters	6.451
Square Feet	Square Meters	0.093
Square Yards	Square Meters	0.836
Square Miles	Square Kilometers	2.590
Acres	Square Hectometers	0.405
Cubic Feet	Cubic Meters	0.028
Cubic Yards	Cubic Meters	0.765
Fluid Ounces	Milliliters	29.573
its	Liters	0.473
arts	Liters	0.946
allons	Liters	3.785
Ounces	Grams	28.349
Pounds	Kilograms	0.454
Short Tons	Metric Tons	0.907
Pound-Feet	Newton-Meters	1.356
Pounds per Square Inch	Kilopascals	6.895
Miles per Gallon	Kilometers per Liter	0.425
Miles per Hour	Kilometers per Hour	1.609

TO CHANGE	TO	MULTIPLY BY
Centimeters	Inches	0.394
Meters	Feet	3.280
Meters	Yards	1.094
Kilometers	Miles	0.621
Square Centimeters	Square Inches	0.155
Square Meters	Square Feet	10.764
Square Meters	Square Yards	1.196
Square Kilometers	Square Miles	0.386
Square Hectometers	Acres	2.471
Cubic Meters	Cubic Feet	35.315
Cubic Meters	Cubic Yards	1.308
Milliliters	Fluid Ounces	0.034
Liters	Pints	2.113
Liters	Quarts	1.057
ers	Gallons	0.264
ms	Ounces	0.035
ograms	Pounds	2.205
Metric Tons	Short Tons	1.102
Newton-Meters	Pounds-Feet	0.738
Kilopascals	Pounds per Square Inch	0.145
ometers per Liter	Miles per Gallon	2.354
ometers per Hour	Miles per Hour	0.621





**PIN: 079436-000**