

URGENT

TB 1-1520-238-20-125

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

RESTRAINT SYSTEM INSPECTION FOR ALL AH-64 AIRCRAFT

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

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

NOTE

THIS PUBLICATION IS EFFECTIVE UNTIL RESCINDED OR SUPERSEDED.

1. Priority Classification. Urgent.

a. Aircraft in Use. Upon receipt of this 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 all restraint systems IAW AH-64-02-ASAM-02 (TB 1-1520-238-20-125) NLT 29 Mar 02 ." Clear the red horizontal dash //--// entry when the procedures IAW paragraphs 8 and 9 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 Maintenance Facility.

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

(2) Aircraft at Contractor Facility - Same as paragraph 1a.

c. Aircraft in Transit.

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

(2) Ferry Status -

(a) Same as paragraph 1a. Inspect at final destination.

(b) Boeing will inspect DD 250 aircraft prior to those aircraft departing for ferry to final destination.

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

e. Component/Parts in Stock at All Levels (Depot and Others) Including War Reserves. Upon receipt of this message, depot and materiel activity commanders will ensure the materiel condition tags of all items in all condition codes listed in paragraph 7 are annotated to read: "AH-64-02-ASAM-02, (TB 1-1520-238-20-125) Restraint System recall not complied with."

This TB supersedes USAAMCOM Message 151602Z Mar 02 (AH-64-02-ASAM-02)

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(1) Wholesale Stock – Upon receipt of this message, depot and materiel activity commanders will ensure all items in condition codes //A//, //B//, //C//, //D//, and //E//, listed in paragraph 7, 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 code tags. Report compliance with this message IAW paragraph 14b(2) NLT 29 Mar 02.

(2) Retail Stock – Upon receipt of this message, commanders and facility managers maintaining retail stock at installation level and below shall contact the supported aviation unit to perform the procedures required IAW paragraph 8 and 9 on suspect materiel. Report compliance with this message IAW paragraph 14c(2) NLT 29 Mar 02.

f. Components/Parts in Work (Depot Level and Others). N/A.

2. Task/Inspection Suspense Date. Complete the inspection IAW paragraph 8 NLT 29 Mar 02 and report IAW paragraph 14a(2) NLT 3 Apr 02.

3. TAMMS Reporting Compliance Suspense Date. Report compliance IAW paragraph 14a NLT 4 Apr 02.

4. Summary of the Problem.

a. Testing of aircraft aircrew restraint system has revealed a potential for the Pacific-Scientific manufactured restraint system adjusters to fail (slip) at high loads but below those designated in the military specification, MIL-S-58095A. The adjusters' failure (slipping) may allow the seat occupant to make contact with surrounding equipment or structure during an accident sequence. As such, replacement assets will be provided to the applicable and appropriate facilities in direct exchange for the subject items.

b. For manpower/downtime and funding impacts – See paragraph 12.

c. The purpose of this TB is to identify Pacific-Scientific Restraint Systems for recall items.

5. End Items To Be Inspected. All AH-64 series aircraft.

6. Assembly Components To Be Inspected. N/A.

7. Parts To Be Inspected.

NOTE

All affected parts will have cage code of 45402.

Piece Parts for the Restraint System Pilot and Co-pilot

Nomenclature	Part Number	NSN
Harness, Aircraft Safety	0101667-01	1680-01-106-2214
Belt, Aircraft Safety	1101730-01	1680-01-172-8207

8. Inspection Procedures.

NOTE

Supplemental information regarding this message is available on the AMCOM Safety and AH-64 websites:
(<http://www.redstone.army.mil/sof/suppl/u60a0204.pdf>) and
(<https://www.peoavn.redstone.army.mil/aah/new/homepage/sof/index.html>)

a. Inspect assembly identification tags for discrepant Pacific-Scientific manufactured items with heavy duty webbing adjusters. Heavy duty adjusters can be identified by two key characteristics:

(1) The center bar that the webbing wraps around is a knurled cylinder.

(2) The side plates have a wedge shaped profile and have patent number 3872550 stamped into them. Suspect dates of manufacture are between 6-95 and 3-01 are printed on the back of the adjuster in white ink.

b. Inventory subject parts and report, by part number, in accordance with paragraph 14. Replacement assets, when available, will be direct exchanged for the subject parts. A precise and accurate count is required to insure that each organization receives the correct part and the correct number of parts. Proceed to paragraph 9.

9. Correction Procedures.

a. The red horizontal dash //--// on the DA Form 2408-13-1 may be cleared when the inspection and reporting requirements of this ASAM have been completed.

b. If discrepant Pacific-Scientific restraint system components are installed, make the following entry on the DA Form 2408-13-1. Enter a red diagonal \\ status symbol with the following statement: "Discrepant (as applicable) pilot/co-pilot seat restraint system components require replacement based upon DA priority."

c. Contact the appropriate logistical POC listed in paragraph 16b for replacement parts for all aircraft systems.

10. Supply/Parts and Disposition.

NOTE

HQDA will prioritize units and repair parts distribution.

a. Parts Required – Conforming replacement restraints will be provided on a one for one exchange based upon the report provided to the logistics POC listed at paragraph 16b. No requisitioning actions are required by the unit.

b. Requisitioning Instructions – N/A.

c. Bulk and Consumable Materials – N/A.

d. Disposition – N/A.

e. Disposition of Hazardous Material – N/A.

11. Special Tools and Fixtures Required. N/A.

12. Application.

a. Category of Maintenance – AVUM. Aircraft downtime will be charged to AVUM.

b. Estimated Time Required –

(1) Total of 1 man-hour 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 Inspection – N/A.

13. References. DA Pam 738-751, 15 Mar 1999, Functional Users Manual for the Army Maintenance Management System – Aviation (TAMMS-A).

14. Recording and Reporting Requirements.

a. Aircraft –

(1) TAMMS Reporting Compliance Suspense – Upon entering requirements of this TB on DA Form 2408-13-1 on all subject MDS aircraft, commanders will forward a priority message, datafax or email to: CDR, AMCOM, ATTN: AMSAM-SF-A (ASAM Compliance Officer), Redstone Arsenal, AL 35898-5000, 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 and TB number, date of entry in DA Form 2408-13-1, the aircraft mission design series and serial numbers of aircraft in numerical order.

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(2) Task/Inspection Reporting Suspense – Upon completion of inspection, commanders will forward a priority message to the logistical point of contact listed in paragraph 16b. The report will cite this message number, date of inspection, aircraft serial number, and results of the inspection. Include type, NSN (pilot/co-pilot) and number of discrepant restraints found. Also provide a summary report of required items per unit. Inspection and reports will be completed NLT date specified in paragraph 2. Any unit not providing a report will not be scheduled and will not receive replacement assets.

b. Wholesale Spare Parts/Assemblies –

(1) Reporting Message Receipt – N/A.

(2) Task/Inspection Reporting Suspense – Depot and materiel activity commanders will provide a DD Form 1225 to the wholesale materiel point of contact (spares) listed in paragraph 16c NLT date specified in paragraph 1e(1). Provide an estimate of the cost reimbursable funding required to move serviceable items on-hand listed in paragraph 7 to a work area, unpack the materiel, repack the materiel after inspection by AMCOM inspectors, and to return the materiel to storage, as appropriate. Report, by original serviceable condition code, the quantity of materiel placed in condition code //J//. Report by e-mail or datafax and provide local point of contact.

c. Retail Spare Parts/Assemblies –

(1) Reporting Message Receipt – N/A.

(2) Task/Inspection Reporting Suspense – Commanders and facility managers will report inspection results to the logistical point of contact in paragraph 16b NLT date specified in paragraph 1e(2). Report the quantity inspected by condition code and the resulting condition code. Report by e-mail or datafax and provide local point of contact.

d. The following forms are applicable and are to be completed IAW DA PAM 738-751, 15 Mar 1999 – (as applicable)

NOTE

ULLS-A users will use applicable "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) DA Form 1575/DD Form 1575-1, Suspended Tag/Label – materiel (color brown). (Annotate remarks block with "Suspended IAW AH-64-02-ASAM-02 (TB1-1520-238-20-125)."

15. Weight and Balance. N/A.

16. Points of Contact.

a. Technical points of contact are:

(1) Primary – Mr. Ananta Tosh, AMSAM-RD-AE-I-P-A, DSN 897-2350, ext 9865 or commercial (256) 705-9865, datafax is DSN 897-9918 or commercial (256) 705-9918. E-mail is "Ananta.Tosh@rdec.redstone.army.mil".

(2) Alternate – Ms. Yen Fuqua, AMSAM-RD-AE-I-P-A, DSN 897-2350, ext 9827 or commercial (256) 705-9827, datafax is DSN 897-9918 or commercial (256) 705-9918. E-mail is "Yen.Fuqua@rdec.redstone.army.mil".

b. Logistical points of contact are –

(1) Primary – Mr. Steve Hayes, SFAE-AV-AAH-LF, DSN 897-4245 or commercial (256) 313-4245, datafax is DSN 897-4343 or commercial (256) 313-4343. E-mail is "Steve.Hayes@peoavn.redstone.army.mil".

(2) Alternate – Mr. Mike Sharp, SFAE-AV-AAH-LF, DSN 897-4236 or commercial (256) 313-4236, datafax is DSN 897-4343 or commercial (256) 313-4343. E-mail is "Mike.Sharp@peoavn.redstone.army.mil".

c. Wholesale point of contact (Spares) is Mr. Dan Delao, AMSAM-MMC-AV-UB, DSN 897-1303 or commercial (256) 313-1303, datafax is DSN 897-4769 or commercial (256) 313-4769. E-mail is "Daniel.Delao@redstone.army.mil".

d. Forms and Records point of contact 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 are -

(1) Primary - Mr. Frank Rosebery (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.Rosebery@redstone.army.mil".

(2) Alternate - Mr. Ron Price, AMSAM-SF-A, DSN 788-8636 or commercial (256) 842-8636, datafax is DSN 897-2111 or commercial (256) 313-2111. E-mail is "Ron.Price@redstone.army.mil".

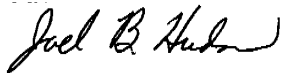
f. Foreign Military Sales (FMS) recipients requiring clarification of action advised by this TB should contact Mr. Ronnie W. Sammons, AMSAM-SA-CS-NF, DSN 897-6856 or commercial (256) 313-6856, datafax is DSN 897-6630 or commercial (256) 313-6630. E-mail is "Ronnie.Sammons@redstone.army.mil".

g. After hours, contact the AMCOM Command Operations Center (COC) DSN 897-2066/7 or commercial (256) 313-2066/7.

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 the following address: Commander, US Army Aviation and Missile Command, ATTN: AMSAM-MMC-MA-NP, Redstone Arsenal, AL 35898-5230. You may also submit your recommended changes by e-mail directly to "2028@redstone.army.mil". A reply will be furnished directly to you. Instructions for sending an electronic 2028 may be found at the back of this manual.

By Order of the Secretary of the Army:

Official: _____



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DISTRIBUTION:

To be distributed in accordance with Initial Distribution Number (IDN) 314040 requirements for TB 1-1520-238-20-125.

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The following format must be used if submitting an electronic 2028. The subject line must be exactly the same and all fields must be included; however only the following fields are mandatory: 1, 3, 4, 5, 6, 7, 8, 9, 10, 13, 15, 16, 17, and 27.

From: "Whomever" <whomever@avma27.army.mil>

To: <2028@redstone.army.mil>

Subject: DA Form 2028

1. **From:** Joe Smith
2. *Unit:* home
3. **Address:** 4300 Park
4. **City:** Hometown
5. **St:** MO
6. **Zip:** 77777
7. **Date Sent:** 19--OCT--93
8. **Pub no:** 55--2840--229--23
9. **Pub Title:** TM
10. **Publication Date:** 04--JUL--85
11. *Change Number:* 7
12. *Submitter Rank:* MSG
13. **Submitter FName:** Joe
14. *Submitter MName:* T
15. **Submitter LName:** Smith
16. **Submitter Phone:** 123--123--1234
17. **Problem: 1**
18. *Page:* 2
19. *Paragraph:* 3
20. *Line:* 4
21. *NSN:* 5
22. *Reference:* 6
23. *Figure:* 7
24. *Table:* 8
25. *Item:* 9
26. *Total:* 123
27. **Text:**

This is the text for the problem (below line 27).