

URGENT

*TB 1-1520-248-20-63

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

REPLACEMENT OF MA-6/8 CREW SEAT INERTIA REEL ALL OH-58D HELICOPTERS

Headquarters, Department of the Army, Washington, D. C.
7 February 2002

REPORTING OF ERRORS AND RECOMMENDED IMPROVEMENTS

You can help improve this manual. If you find mistakes or know of any way to improve procedures, please let us know. Mail your letter, DA Form 2028 (recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual, direct to: Commander U. S. Army Aviation and Missile Command, ATTN: AMSAM-MMC-MA-NP. Redstone Arsenal, AL. 35898-5230. A reply will be furnished to you. You may also send your comments electronically to our e-mail address: 2028@redstone.army.mil or by fax 256-842-6546/DSN 788-6546. Instructions for sending an electronic 2028 may be found at the back of this manual.

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THIS PUBLICATION IS EFFECTIVE UNTIL RESCINDED OR
SUPERSEDED.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 DA Form 2408-13-1. Enter a Red Horizontal Dash status symbol with the following statement: "Inspect crew seat inertia reel in accordance with OH-58-02-ASAM-05 (TB 1-1520-248-20-63) within the next 20 flight hours, but no later than 7 February 2002". Clear the Red Horizontal Dash entry when procedures in accordance with paragraph 8. are completed. Affected aircraft shall be inspected as soon as practical but no later than 7 February 2002. Commanders who are unable to comply with the requirements of this TB within the time frame specified will upgrade affected aircraft status symbol to a Red X.

b. Aircraft in Maintenance Facility:

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

(2) Aircraft at contractor Facility. Bell Helicopter TEXTRON, Inc. will inspect DD 250 aircraft prior to those aircraft departing for ferry to final destination.

c. Aircraft in Transit.

(1) Surface/Air Shipment. Within 20 flight hours or 14 days of arrival.

(2) Ferry Status. Inspect at final destination.

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

*This TB supersedes OH-58-02-ASAM-05 242130Z Jan. 02.

- e. Component/Parts in Stock Including War Reserves at All Levels (Depot and Others). Not applicable.
- f. Components/Parts in Work (Depot Level and Others). Not applicable.

2. Task/Inspection Suspense Date. Complete inspection in accordance with paragraph 8. within the next 20 flight hours but no later than 7 February 2002 and report in accordance with paragraph 14. a. (2) no later than 12 February 2002.

3. TAMMS Reporting Compliance Suspense Date. Report compliance in accordance with paragraph 14. a. (1) no later than 12 February 2002.

4. Summary of Problem.

a. The standard inertia reel (MA-6/8) presently in use on crew seats for OH-58 series aircraft may not be performing to original design specifications. Current field methods for determining serviceability are not an accurate/effective means of determining impending reel failure (Fail to Lock).

b. For manpower/downtime and funding impacts, see paragraph 12.

c. The purpose of this TB is to determine the type of inertia reel installed and to replace the MA-6/8, if installed with the MA-16 inertia reel.

5. End Items to be Inspected. All OH-58 series aircraft.

6. Assembly/Component(s) to be Inspected. Not applicable.

7. Parts to be Inspected.

NOMENCLATURE	PART NUMBER	NATIONAL STOCK NUMBER
Reel Assembly, Inertia	0101385-01	1680-00-775-4182
Reel Assembly, Inertia	015-870145-1-16	1680-01-437-0396

8. Inspection Procedures.

- a. Gain access to inertia reel in accordance with procedures contained in TM 1-1520-248-23.
- b. Conduct visual inspection to determine part number of inertia reel.

(1) If a MA-16 inertia reel P/N 015-870145-3-16 is installed, inspection is complete. Clear Red Horizontal Dash entry from paragraph 1. a.

(2) If a MA-6/8 inertia reel is installed, replace in accordance with paragraph 9.

9. Correction Procedures.

a. If a MA-6/8 inertia reel is installed, make the following entry on DA Form 2408-13-1. Enter a Red Diagonal status symbol with the following statement: "PI/CP inertia reel requires replacement in accordance with OH-58-02-ASAM-05 (TB 1-1520-248-20-63) no later than 31 January 2003." Clear Red Horizontal Dash entry from paragraph 1. a.

NOTE

Damage to new reel can result if turned in wrong direction when installing webbing (strap).

NOTE

When replacing inertia reel on OH-58D, substitute bolt, P/N NAS6603H4 in place of MS27039-1-10.

- b. Replace MA-6/8 inertia reel with MA-16 inertia reel in accordance with procedures contained in TM 1-1520-248-23.

10. Supply/Parts and Disposition.

a. Parts Required. Items cited in paragraph 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) "X11" (X-RAY-ONE-INDIA)

NOTE

Project code "X11" is required to track and establish a data base of stock fund expenditures incurred by the field as a result of TB actions.

c. Bulk and Consumable Materials.

NOMENCLATURE	PART NUMBER	NSN
Washer, Flat (4)	NAS1149D0363J	5310-01-381-9601
Screw, Machine (2)	MS27039-1-40	5305-00-925-7865
Bolt, Shear (2)	NAS6603H4	5306-01-168-5628

d. Disposition. Demilitarize/Mutilate in accordance with TM 1-1500-328-23 any parts/components removed in accordance with this TB.

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. Report aircraft Non-Mission Capable Maintenance (NMCM) while undergoing inspection and correction in accordance with this TB.

b. Estimated Time Required.

(1) Time to complete inspection. Total of 1.0 man-hours using one person.

(2) Time for Repair/Replacement:

(a) Total of 1.0 man-hours using one person.

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

c. Estimated Cost Impact of Stock Fund Items to the Field.

NOMENCLATURE	PART NUMBER NATIONAL STOCK NUMBER	QTY.	COST EACH	TOTAL \$
			\$	\$
Reel, Inertia	015-870145-3-16	2	\$1266.64	\$2533.28
	1680-01-437-0396			

Maximum total cost per aircraft = \$2533.28

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 1-1520-248-23P shall be changed to reflect this TB. A copy of this TB shall be inserted in the appropriate TM as authority to implement the change until printed change is received.

13. Reference.

- a. DA PAM 738-751, 15 March 1999
- b. TM 1-1500-328-23, 30 July 1999
- c. TM 1-1520-248-23, 28 February 2000
- d. TM 1-1520-248-23P, 3 March 2000

14. Recording and Reporting Requirements.

a. Aircraft.

(1) TAMMS Reporting Compliance Suspense. Upon entering requirements of this TB on a DA Form 2408-13-1 for all effected aircraft, Commanders will forward a priority message, fax or e-mail to Commander AMCOM, ATTN: AMSAM-SF-A (SOF Compliance Officer), Redstone Arsenal, AL 35989-5000, in accordance with AR 95-1, not later than date specified in paragraph 3. Fax number DSN 897-2111 or 256-313-2111. E-Mail safeadm@redstone.army.mil. Report will cite OH-58-02-ASAM-05 and this TB, date of entry on DA Form 2408-13-1, aircraft mission design and series and serial number of aircraft in numerical order.

(2) Task Inspection Reporting Suspense. Upon completion of inspection, Commanders will forward a priority message to Logistics Point of Contact listed in paragraph 16. b. Report will cite OH-58-02-ASAM-05 and this TB, date of inspection, aircraft serial number, aircraft hours, and results of inspection. Inspection and reports will be completed no later than date specified in paragraph 2.

- 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 PAM 738-751, 15 March 1999:

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) DD Form 1577/DD Form 1577-1, Unserviceable (Condemned) Tag/Label, Materiel (color red). Annotate remarks block with "Condemned in accordance with OH-58-02-ASAM-05 and TB 1-1520-248-20-63 and mutilate in accordance with 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. Thaddeus Baranowski, AMSAM-RD-AE-I-D-O, DSN 645-9625 or 256-955-9625, fax DSN 645-9536. E-Mail thaddeus.baranowski@redstone.army.mil.
- b. Logistical Point of Contact for this TB is SSG Tim Hardin, AMSAM-DSA_AS-ASH-L, DSN 645-7934 or 256-955-7934, fax DSN 645-7125. E-Mail timothy.hardin@redstone.army.mil.
- c. Wholesale Materiel Point of Contact (Spares) is Ms. Sandy Moore, Defense Supply Center Richmond (DCSR), DSN 695-3252 or 804-279-3252, fax DSN 695-5695. E-Mail 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 256-876-5564, fax DSN 746-4904. E-Mail ann.waldeck@redstone.army.mil.
- e. Safety Points of Contact:

(1) Primary. Mr. Randall Rushing (SAIC), AMSAM-SF-A, DSN 897-2092 or 256-313-2092, fax DSN 897-2111 or 256-313-2111. E-Mail randall.rushing@redstone.army.mil.

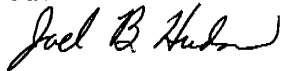
(2) Alternate. Mr. Ron Price AMSAM-SF-A, DSN 788-8636 or 256-842-8636, fax DSN 897-2111 or 256-313-2111. E-Mail ron.price@redstone.army.mil.

f. Foreign Military Sales (FMS) recipients requiring clarification of action advised by this TB should contact: Ronnie W. Sammons, AMSAM-SA-CS-NF, DSN 897-6856 or 256-313-6856, fax DSN 897-6630 or 256-313-6630. E-Mail ronnie.sammons@redstone.army.mil.

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

By Order of the Secretary of the Army:

Official:



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*Administrative Assistant to the
Secretary of the Army*

0203202

ERIC K. SHINSEKI
*General, United States Army
Chief of Staff*

DISTRIBUTION:

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These are the instructions for sending an electronic 2028

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@some.where.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. Louis:** 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 F Name:** Joe
14. **Submitter M Name:** T
15. **Submitter L Name:** 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.