

# URGENT

TB 1-1520-237-20-196

## DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

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### MAINTENANCE MANDATORY, RCS CSGLD-1860(R1) ALL H-60 AIRCRAFT WITH BEARING ROD END P/N 70101-08282-101 MANUFACTURED BY ISLAND ENGINEERING, CAGE CODE 40137

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Headquarters, Department of the Army, Washington, D. C.  
8 August 1997

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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THIS PUBLICATION IS EFFECTIVE UNTIL RESCINDED OR SUPERSEDED.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

a. Aircraft in Use. Upon receipt of this Technical Bulletin (TB) the condition status symbol of the cited aircraft will be changed to a red horizontal "-". The red horizontal "-" may be cleared when the inspection of paragraph 8 below is completed. The affected aircraft shall be inspected as soon as practical but no later than the task/inspection suspense date. Failure to comply with the requirements of this TB within the time frame will cause the status symbol to be upgraded to red "X".

b. Aircraft in Depot Maintenance. Same as paragraph 1.a. Aircraft will not be issued until compliance with this TB has been completed.

c. Aircraft Undergoing Maintenance. Same as paragraph 1.a. Aircraft will not be released until compliance with this TB has been completed.

d. Aircraft in Transit. Same as paragraph 1.a. Inspect at final destination.

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

f. Component/Parts in Stock Including War Reserves at All Levels (Depot and Others) Including War Reserves. Use package markings and specified contract number to identify whether component is a part specified in paragraph 7. All components of paragraph 7 were procured under contract number DAAJ09-90-P-0889. Opening the package is only necessary if sufficient information is not available on the package to identify the source of the component.

(1) Wholesale Stock. Upon receipt of this TB all items listed in paragraph 7 located in wholesale depot storage shall be demilitarized and destroyed in accordance with paragraph 10.d. Report compliance with this TB IAW paragraph 14.d.(1).

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(2) Retail Stock. Upon receipt of this TB commanders and others maintaining retail stock at installation level and below shall contact the supported aviation unit to perform the inspection required by paragraph 8. Any paragraph 7 components found in retail stock are to be disposed of IAW paragraph 10. Report compliance with this TB IAW paragraph 14.d.(2).

g. Components/Parts In Work (Depot Level and Others). N/A.

**2. Task/Inspection Suspense Date.** During the next 10 flight hours/14 day inspection.

**3. Reporting Compliance Suspense Date.** No later than 15 August 1997 per paragraph 14.a of this TB.

**4. Summary of the Problem.**

a. The lower pitch change link bearing, rod end, P/N 70101-08202-101, manufactured by Island Engineering (CAGE code 48137) has recently completed required engineering testing, the results indicate that the fatigue strength is significantly below that of the original equipment manufactured component and as such, must be removed from the aircraft. Engineering estimates that 100 hrs of additional service is acceptable without incurring a significant risk due to this component.

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

c. The purpose of this TB is to remove all bearing rod end, P/N 70101-08202-101, manufactured by Island Engineering (CAGE 40137), in accordance with paragraph 9.

**5. End Items to be Inspected.** All H-60 aircraft.

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

NOMENCLATURE	PART NUMBER	NATIONAL STOCK NUMBER
Rod End Assy	70101-08202-043	3120-01-244-6423

**7. Parts to be Inspected.**

NOMENCLATURE	PART NUMBER	NATIONAL STOCK NUMBER
Bearing Rod End	70101-08202-101	3120-01-276-5992

**8. Inspection Procedures.** Verify visually that bearing, rod end, P/N 70101-08202-101 manufactured by Island Engineering (CAGE 40137) is installed on the aircraft. CAGE number should be located on crown of bearing. If the specified bearing rod end is not identified, the inspection is completed (report per paragraph 14.b.). If specified bearing rod end is identified, it must be removed IAW paragraph 9.

**9. Correction Procedures.** Remove all bearing rod end P/N 70101-08202-101, TM I-I 520-237-23, paragraph 5.10.4 and TM 1-1520-250-23, paragraph 5.9.3 manufactured by Wand Engineering (CAGE 40137) at or before the next scheduled maintenance but no later than the next 100-hours from the date of the superseded message or 30 December 1997 whichever comes first. Dispose of IAW paragraph 10.d.

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

a. Parts Required. Bearing rod end assy, P/N 70101-08202-043, NSN 3120-01-244-6423,4 each, may be required to replace paragraph 7 items.

b. Requisitioning Instructions. Contact logistical POC in paragraph 16.b. for requisitioning instructions. Requisition replacement parts using project code XDL.

c. Bulk and Consumable Materials. N/A.

d. Disposition. Demilitarize/mutilate any paragraph 7 part/component manufactured by island engineering (CAGE 40137) and dispose of using normal procedures.

e. Disposition of Hazardous Material. In accordance with environmental protection agency directives as implemented by your servicing environmental coordinator (AR 200-1).

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

**12. Application.**

a. Category of Maintenance. AVUM.

b. Estimated Time Required.

(1) Inspection: Total of 0.5 man-hours each using 1 person.

(2) On-aircraft Replacement: Total of 2 man-hours using 1 person and 2 hours downtime for one end item.

c. Estimated Cost Impact of Stock Fund Items to the Field. \$1164.09 cost per aircraft.

d. TBMWOs 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.**

a. TM 1-1520-237-23

b. TM 1-1520-250-23

**14. Recording and Reporting Requirements.**

a. Reporting Compliance Suspense Date (Aircraft). Upon entering requirements of this TB on DA Form 2408-13-1 on all subject MDS aircraft forward a priority message, datafax or e-mail to commander, ATCOM, ATTN: AMSAT-R-X (SOF compliance officer), per AR 95-3. Datafax number is DSN 693-2064 or commercial 314/263-2064. E-mail address is "amsatrxs@emh4.stl.army.mil". The report will cite this TB number, date of entry in DA Form 2488-13-1, the aircraft mission design series and serial numbers of aircraft in numerical order.

b. Task/Inspection Reporting Suspense Date (aircraft). Upon completion of inspection, units will forward a priority message to the logistical POC identified in paragraph 16.b. The report will cite this TB number, date of inspection, aircraft serial number, aircraft hours and results of the inspection. Inspection and reports will be completed no later than 14 days after task/inspection suspense date.

c. Reporting Message Receipt (Spares). N/A.

d. Task/Inspection Reporting Suspense date (Spares).

(1) Material In Wholesale Depot Storage. Report compliance with this TB to the wholesale material point of contact (spares) listed in paragraph 16.c. within 14 days of the date of the superseded message on DD Form 1225. Provide the cost of compliance with this TB to include 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 if necessary to identify, verify CAGE code, repack the materiel if not to be disposed of, and to return the materiel to storage, as appropriate. Report, by original serviceable condition code, the quantity of components to be disposed of. Report by e-mail or datafax and provide local POC.

(2) Material In Retail Storage. Report compliance with this TB to the logistical POC in paragraph 16.b within 14 days of the date of the superseded message. Report quantity inspected by condition code and the resulting condition code. Report by e-mail or datafax and provide local POC.

e. The following forms are applicable and are to be completed in accordance with DA PAM 738-751, 15 June 1992:

(1) DA Form 2488-13, Aircraft Status Information Record.

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

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

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

**16. Points of Contact.**

- a. Technical point of contact for this TB is Mr. William Brooks, AMSAT-R-ECU, DSN 693-1688 or commercial (314)263-1688, e-mail is "brooksw@stl.army.mil".
- b. Logistical point of contact for this TB is Mr. Joe Hoover, SFAE-AV-BH-L, DSN 645-8929 or commercial (205)955-8929, datafax DSN 788-7663 or commercial 205/842-7663. E-mail is "hoover-jl@redstone.army.mil".
- c. Wholesale material point contact (Spares) is Mr. Dan Delao. AMSAT-I-SABA, DSN 693-6058 or commercial 314/263-6058, datafax is DSN 693-6050 e-mail is "ddelao@stl.army.mil".
- d. Forms and records point of contact for this TB is Mr. Bernard Dawdy, AMSAT-I-MDM, DSN 693-2314 or commercial 314/260-2314, e-mail is "bdawdy@stl.army.mil".
- e. Safety point of contact for this TB is Mr. Dave Scott. AMSAM-SF-AV, DSN 788-8620 or commercial (205)842-8620. Datafax 205/842-8643, email is "scott-dc@redstone.army.mil".
- f. Foreign Military Sales (FMS) recipients requiring clarification of action advised by this TB should contact Mr. Ronnie Sammons, AMSAM-SA-CS-NF, DSN 897-0916 or 205/313-0916. (Huntsville is GMT minus 6 hours).
- g. After hours contact ATCOM Command Operations Center (COC) DSN 693-2066/7 or commercial (314)263-2066/7.

**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: Commander, US Army Aviation and Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. You may also submit your recommended changes by E-Mail directly to <mpmt%avma28@st-louis-emh7.army.mil>. A reply will be furnished directly to you.

By Order of the Secretary of the Army:

Official:



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03870

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Chief of Staff

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

To: <mpmt%avma28@st-louis-emh7.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.

