

## DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

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# MAINTENANCE MANDATORY RCS CSGLD-1860 (R1) ALL H-60 AIRCRAFT REVISED RETIREMENT LIFE OF BELLCRANK SUPPORT ASSEMBLY P/N 70400-08162-042/043/045, MANUFACTURED BY AIR INDUSTRIES (CAGE 8L513)

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Headquarters, Department of the Army, Washington, D. C.  
30 July 1999

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### NOTE

THIS PUBLICATION IS EFFECTIVE UNTIL RESCINDED OR SUPERSEDED.

#### 1. Priority Classification. Routine

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 dash // - //. The red horizontal dash // - // may be cleared when the inspection of paragraph 8 below is completed. The affected aircraft shall be inspected as soon as possible 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 a red "X".

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

c. Aircraft Undergoing Maintenance. Aircraft will not be issued until compliance with this TB has been completed.

d. Aircraft in Transit.

(1) Surface/Air Shipment. Prior to first flight or within 14 days of arrival.

(2) Ferry Status.

(a) Same as paragraph 1a.

(b) Those aircraft that have a DD 250 and are at a contractor facility or Sikorsky Aircraft will be inspected prior to ferry to final destination.

\*This TB supersedes USAAMCOM Aviation Safety Action Message 091620Z JUN 99, UH-60-99-ASAM-08

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

f. Component/Parts in Stock at All Levels (Depot and Others) Including War Reserves . Upon receipt of this TB, the material condition tags of all items in all condition codes listed in paragraph 6 shall be annotated to read UH-60-99-ASAM-08 Air Industries Bellcrank Support Assembly not complied with.

(1) Wholesale Stock. Upon receipt of this message all serviceable items (condition codes "A", "B", "C", "D", and "E"), identified through the paragraph 8 inspection shall be 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 tags. Only those paragraph 6 components that have more than 500 hours useful life remaining, based on the life specified in paragraph 9, will be issued. Report compliance with this TB in accordance with paragraph 14.d.(1).

(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 and the correction procedures of paragraph 9. Only those paragraph 6 parts that are known to have more than 500 useable hours remaining, based on the life specified in paragraph 9, may be installed on aircraft. Disposition of materiel will be IAW paragraph 10. Report compliance with this TB IAW paragraph 14.d.(2).

g. Component/Parts In Work (Depot Levels and Others). N/A.

**2. Task/Inspection Suspense Date.** Within next 10 flight hours/14 days.

**3. Reporting Compliance Suspense Date.** No later than 30 June 1999 per paragraph 14.a of this TB.

**4. Summary of the Problem.**

a. The Bellcrank Support Assembly, being delivered under production and spares contracts through Sikorsky Aircraft Company, was manufactured by Air Industries, an untested source. A reduced life of 5,000 hours must be set on Bellcrank Support Assemblies, P/N 70400-08162-042/045, and a reduced life of 2,200 hours on Bellcrank Support Assembly P/N 70400-08162-043, from Air Industries, CAGE 8L513. These reduced lives will hold until the required engineering tests are complete. The subject part is also known as the main support bridge and/or bridge support.

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

c. This TB has three purposes.

(1) Require a one time inspection to locate Bellcrank Support Assemblies, P/N 70400-08162-042/043/045, manufactured by Air Industries, CAGE 8L513 which are installed on aircraft or in supply.

(2) Establish an interim retirement life of 5,000 hours for Bellcrank Support Assembly, P/N 70400-08162-042/045, manufactured by Air Industries, CAGE 8L513.

(3) Establish an interim retirement life of 2,200 hours for Bellcrank Support Assembly, P/N 70400-08162-043, manufactured by Air Industries, CAGE 8L513.

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

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

NOMENCLATURE	PART NUMBER	NATIONAL STOCK NUMBER
Support Assembly, Bellcrank	70400-08162-045	3040-01-450-4841
Support Assembly, Bellcrank	70400-08162-042	1560-01-221-2619
Support Assembly, Bellcrank	70400-08162-043	N/A

**7. Parts to be Inspected.** N/A.

**8. Inspection Procedures.**

- a. Physically inspect the subject component installed on the MH-60K aircraft. If the part shows any part number other than P/N 70400-08162-043, mark out the old part number and add part number 70400-08162-043.
- b. Visually inspect each paragraph 6 component to determine whether the Bellcrank Support Assembly was manufactured by Air Industries, CAGE 8L513. The manufacturer's data plate containing the manufacturer's CAGE code and part SN is attached to the web of the bridge.
- c. If the manufacturer cannot be determined (no CAGE code and no serial number) then remove the part and contact the logistical POC in paragraph 16b for further instructions.
- d. If the the support assembly does not show the Air Industries code, CAGE 8L513, the inspection is complete.
- e. If the support assembly shows CAGE 8L513 as the manufacturer, correct IAW paragraph 9.

**9. Correction Procedures.**

- a. Inspect the aircraft time change DA Form 2408-16 for the subject part. ULLS-A users that do not have a line in their component legitimate code file for a Bellcrank Support Assembly, P/N 70400-08162-042/043/045 with a CAGE code of 8L513, contact Mr. Al Burleson, commercial 256-876-4468, DSN 746-4468, or E-MAIL BURLESON-AE@EXCHANGE1.REDSTONE.ARMY.MIL.
- b. For P/N 70400-08162-042/043, if total time since new is 5,000 hours or more, or the total time since new cannot be determined, remove the part, and store locally IAW paragraph 10d(1). Report IAW paragraph 14b.
- c. For P/N 70400-08162-043, if the total time since new is 2,200 hours or more, remove the part, and store locally IAW paragraph 10d. If the total time since new cannot be determined, remove the part and destroy IAW paragraph 10d(2).
- d. If the total time since new is less than 5,000 hours for P/N 70400-08162-042/045, or less than 2,200 hours for P/N 70400-08162-043, annotate the reduced retirement life of the aircraft time, DA Form 2408-16. Store locally any parts that reach the retirement IAW paragraph 10D(1). Report IAW paragraph 14b.
- e. A copy of this message shall be inserted in the appropriate publications as authority to implement the changes in retirement life until testing of the subject part is completed.

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

- a. Parts Required. If the inspected assembly must be replaced, the following items will be required.

NOMENCLATURE	PART NUMBER	NATIONAL STOCK NUMBER
Bellcrank Support Assembly	70400-08162-045	3040-01-450-4851

- b. Requisitioning Instructions. Requisition replacement parts using normal supply procedures. All requisitions shall use project code "CC 57-59" "XFI" .

**NOTE**

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

- c. Bulk and Consumable Materials. N/A.
- d. Disposition.
  - (1) Tag each paragraph 6 component with a suspended tag/label-materiel, DD Form 1576-1 and store locally pending completion of tests and final disposition instructions.
  - (2) Demil: Demil the part IAW TM 1-1500-328-23.
- e. Disposition of Hazardous Material. IAW Environmental Protective Agency directives as implemented by your servicing environmental coordination (AR 200-1).

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

**12. Application.**

- a. Category of Maintenance. AVUM. Aircraft downtime will be charged to AVUM.
- b. Estimated Time Required.
  - (1) For Inspection.
    - (a) Total of 0.3 man-hours using 1 person.
    - (b) Total of 0.3 hours downtime for one end item.
  - (2) For Replacement.
    - (a) Total of 16 man-hours using 2 persons to replace each bellcrank support assembly plus 2 hours using 1 person to complete maintenance check of one aircraft.
    - (b) Total of 10 hours downtime for one end item.
- c. Estimated Cost Impact of Stock Fund Items to the Field.

NOMENCLATURE	PART NUMBER	NATIONAL STOCK NUMBER	QTY	COST EA.
Bellcrank Support Assembly	70400-08162-045	3040-01-450-4841	1	\$4.38610
TOTAL COST PER AIRCRAFT				\$4.386.10

- 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.**

- a. TM 1-1520-237-23
- b. TM 1-1500-328-23
- c. DMWR 55-1520-237

**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, AMCOM, ATTN: AMSAM-SF-A (SOF Compliance Officer), Redstone Arsenal, AL 35898-5000, IAW AR 95-1. Datafax number is DSN 897-2111 or commercial (256) 313-2111. E-Mail address is "SAFEADM@REDS-TONE.ARMY.MIL". The report will cite this TB number, date of entry in DA Form 2408-13-1, 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 forward a priority message to the logistical POC listed in paragraph 16b. The report will cite this TB number, date of inspection, aircraft serial number and hours, assembly serial number and hours, and results of the inspection. Inspection reports will be received no later than 14 days after task/inspection suspense date. Negative reports are required.

c. Reporting Message Receipt (Spares).

(1) Materiel In Wholesale Depot Storage. Report receipt of this TB to the wholesale material POC (spares) listed in para 16c NLT 7 days after receipt of TB. Report by email or datafax and provide local POC.

(2) Materiel in Retail Storage. N/A.

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

(1) Materiel In Wholesale Depot Storage. Report compliance with this TB to the wholesale material POC (SPARES) listed in paragraphs 16c NLT 15 March 1999 on DD Form 1225. Provide the cost of com-

pliance with this TB to include an estimate of the cost reimbursable funding required to move serviceable items on hand listed in paragraph 6 to a work area, unpack the materiel, repack the materiel after inspection by AMCOM inspectors, and 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 local point contact. In the report include the serial number of each suspect support assembly and the total in-service time accumulated. A negative report is required.

(2) Materiel In Retail Storage. Report compliance with this TB to the logistical POC in paragraph 16b NLT 9 July 1999. Report the quantity inspected by condition code and the resulting condition code. In the report include the serial number of each suspect support assembly and the total in-service time accumulated. Report by email 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 March 1999.

### **NOTE**

ULLS-A Users will use the applicable "E" Forms.

(1) DA Form 2408-5-1, Equipment Modification Record (Bellcrank Support Assembly).

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

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

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

(5) DA Form 2408-16, Aircraft Component Historical Record.

(6) DA Form 2410, Component Removal and Repair Overhaul Record (Only if the 70400-08162-042 Bellcrank Support Assembly is removed and/or replaced).

(7) DD Form 1574/DD Form 1574-1, Serviceable Tag/Label - Materiel (Color Yellow). Annotate remarks block with "Inspected serviceable IAW UH-60-99-ASAM-08."

(8) DD Form 1575/DD Form 1575-1, Suspended Tag/LAbeL - Materiel (Color Brown). Annotate remarks block with "Suspended IAW UH-60-99-ASAM-08."

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

### **16. Points of Contact.**

a. Technical point of contact for this TB is Mr. Jay Merkel, AMSAM-DSA-UT-T, DSN 897-4914 or commercial (256) 313-4914, E-Mail is AMSAM-AR-EICU@redstone.army.mil. Datafax is DSN 897-4923 or (256) 313-4923. Alternate phone number is DSN 645-0750 or (256) 955-0750.

b. Logistical point of contact for this TB is Mr. Joe Hoover, AMSAM-DSA-UH-L, DSN 645-7898 or commercial (256) 955-7898, Datafax is DSN 645-6590. E-mail is hoover-jl@redstone.army.mil or j.hoover@uh.redstone.army.mil.

c. Wholesale materiel POC (Spares) is Mr. Dan Delao, AMSAM-MMC-VS-UB, DSN 897-1303 or (256) 313-1303, Datafax is DSN 897-1572. E-mail is delao-dt@exchange1.redstone.army.mil.

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

e. Safety point of contact for this TB is Mr. Ron Price, AMSAM-SF-A, DSN 788-8636 or commercial (256) 842-8636, Datafax is (256) 313-2111. E-mail is ron.price@redstone.army.mil.

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f. Foreign Military Sales (FMS) recipients requiring clarification of action advised by this TB should contact CW5 Joseph L. Wittstrom, Security Assistance Management, AMSAM-SA, DSN 8978-0681 or (256) 313-0681. E-mail is wittstrom-jl@redstone.army.mil or 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 sammons-rw@redstone.army.mil. Huntsville, Alabama is GMT minus 6 hours.

g. After hours contact AMCOM Command Operations Center (COC) DSN 897-2066/7 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 Missile Command, ATTN: AMSAM-MMC-LS-LP, Redstone Arsenal, AL 35898-5000. You may also submit your recommended changes by E-Mail directly to LS-LP@redstone.army.mil. A reply will be furnished directly to you.

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: ls-lp@redstone.army.mil

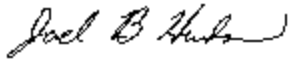
Subject: DA Form 2028

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.

**By Order of the Secretary of the Army:**

Official:



JOEL B. HUDSON  
*Administrative Assistant to the  
Secretary of the Army*

9919601

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

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