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**DEPARTMENT OF THE ARMY TECHNICAL BULLETIN**

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**ONE TIME INSPECTION FOR  
REMOVAL AND REWORK OF  
CERTAIN VISCOUS DAMPER BEARING  
SUPPORT ASSEMBLIES  
UH-60A/EH-60A/UH-60L AIRCRAFT**

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Headquarters, Department of the Army, Washington, D. C.  
6 January 1997

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**NOTE**

THIS PUBLICATION IS EFFECTIVE UNLESS SOONER RESCINDED OR SUPERSEDED.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 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 released until compliance with this TB has been completed.

d. Aircraft in Transit.

- (1) Surface/Air Shipment. Prior to first flight.
- (2) Ferry Status. 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). N/A.

(1) Retail Stock. Upon receipt of this TB the materiel condition tags of all items in all condition codes listed in paragraph 6 shall be annotated to read "UH-60-97-ASAM-05, One Time Inspection for Removal and Rework of Certain Viscous Damper Bearing Support Assemblies not complied with".

This TB supersedes USAATCOM Message 3013412 Dec 96 (UH-60-97-ASAM-05).

(2) Wholesale Stock. Report receipt of this TB in accordance with paragraph 14.c.(1). Inspect all serviceable items condition codes "A", "B", "C", "D", and "E" listed in paragraph 6 in wholesale depot storage. Inspect for contract DAAJ0995C0298, CAGE code 65273. All assets forwarded from this contract are to be placed in condition code "J" unless the serial number is LMCXXXXR or LMC2XXXX. These serial numbers were corrected prior to delivery and are condition code "A". Assets not from this contract can be returned to condition code "A". Do not remove original condition tags. Report compliance with this TB in accordance with paragraph 14.d.(1).

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

**3. Reporting Compliance Suspense Date.** No later than 22 January 1997 per paragraph 14.a of this TB.

**4. Summary of the Problem.**

a. Viscous damper bearing support assemblies, part number 70361-05060-042, manufactured by Laumann Manufacturing, were manufactured incorrectly. The manufacturer mislocated the viscous tube filler neck access slot in the outer housing of the support assembly. This prevents the inner housing from being properly seated inside the outer housing, and also prevents the snap ring from being properly seated in its groove.

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

c. The purpose of this TB is to require an inspection for viscous damper bearing support assemblies, Part number 70361 -05060-042, manufactured by Laumann Manufacturing, and to remove them at the next one hundred hour inspection. The TB directs that the discrepant assemblies either be sent to the manufacturer for rework, or be reworked locally at the intermediate level of maintenance.

**5. End Items to be inspected.** All UH-60A/EH-60AAJH-60UMH-60K aircraft, serial numbers 77-22716 through 96-26680. Aircraft serial numbers 96-26681 and subsequent will be inspected/corrected by contractor during production and therefore records for aircraft serial numbers 96-26681 and subsequent will not require identification of this action.

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

NOMENCLATURE	PART NUMBER	NATIONAL STOCK NUMBER
Viscous Damper Bearing	70361-05060-042	1560-01-158-9519
Support Assembly		

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

**8. Inspection Procedures.**

a. Open APU Access doors and tail rotor drive shaft covers required to gain access to all four (4) viscous damper bearing support assemblies. These assemblies are located at the end of the oil cooler assembly (station 410.54), and at the end of each of the three section 11 drive shaft assemblies (at stations 470.9,531, and 591.8).

b. Inspect the viscous damper bearing support assembly to determine if it was manufactured by Laumann manufacturing. These assemblies can be identified in two ways.

(1) The viscous damper tube is black in color.

(2) The markings on the part (located on the outer housing) include MFR65273 and LMC XXXX, where XXXX is a four-digit serial number.

**NOTE**

If the viscous damper bearing support assembly is manufactured by Laumann and the damper tube is black in color, but the support has already been reworked, a suffix of "R" will be rubber stamped in permanent ink or etched at the end of the serial number.

c. If the viscous damper bearing support assembly is not identified as being manufactured by Laumann Manufacturing, or has a suffix of "R" after the serial number, the inspection is complete. If the viscous damper bearing support assembly was manufactured by Laumann perform the correction procedures, paragraph 9.

**9. Correction Procedures.** If the viscous damper bearing support assembly is identified as being manufactured by Laumann Manufacturing, perform the following.

a. Not later than the next scheduled one hundred hour inspection remove the viscous damper bearing support assembly (reference 13.a, paragraph 6.14.1.1 and reference 13.b paragraph 6.14.1.1).

b. The support assembly may either be returned to the manufacturer for rework, or reworked locally at AVIM (intermediate) level of maintenance. If the support assembly is to be returned to the manufacturer, a SF 368, category II deficiency report must be endorsed by the local ATCOM logistics assistance representative as an initial failure and submitted to ATCOM. The defective assets may be shipped immediately to: Laumann MFG. Corporation, 155 Comac Street, Ronkonkoma, NY 11779 (Cage 65278) ATTN: Chris Henke 516-737-1111 and a replacement asset requisitioned using normal supply procedures. If the support assembly is to be reworked locally, contact the technical point of contact for detailed instructions.

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

a. Parts Required. Items cited in paragraph 6 may be required to replace defective items.

b. Requisitioning Instructions. Requisition replacement parts through normal supply channels using normal supply procedures. All requisitions shall use project code "XCZ" per this TB.

**NOTE**

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

c. Bulk and Consumable Materials. N/A.

d. Disposition. Defective items may be reworked locally by AVIM or shipped immediately to: Laumann Manufacturing Corporation 155 Comac Street, Ronkonoma, NY 11779 ATTN: Chris Henke (Cage 65278) and a SF 368 submitted. Hold any unserviceable part/component pending disposition instructions from logistical point of contact per paragraph 16.b below.

e. Disposition of Hazardous Material. N/A.

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

**12. Application.**

a. Category of Maintenance. AVIM. Aircraft downtime will be charged to AVIM.

b. Estimated time required (Inspection).

(1) Total of 2 man-hours using 1 person.

(2) Total of 2 hours downtime for one end item.

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

NOMENCLATURE	PART NUMBER/ NATIONAL STOCK NUMBER	QUANTITY	COST EACH	TOTAL \$
Support Structural,	70361-05060-042/			
Viscous Damper	1560-01-158-9519	1	\$501.00	\$2004.00
Bearing				

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 1-1520-250-23.

**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 mission design series (MDS) aircraft, forward a priority message, data fax 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.mir. The report will cite this TB number, date of entry in DA Form 2408-13-1, the aircraft MDS and serial numbers of aircraft in numerical order.

b. Task/Inspection reporting suspense date (Aircraft). N/A.

c. Reporting compliance suspense date (Spares). Materiel in wholesale depot storage. Report receipt of this TB by E-Mail or data fax to the whole materiel (Spares) point of contact listed in paragraph 16.d within 3 working days from the date of this TB. Provide local point of contact.

d. Task/Inspection reporting suspense data (SPARES). Materiel in wholesale depot storage. Report compliance with this message to the wholesale materiel point of contact (SPARES) listed in paragraph 16.d within 7 days of the date of this TB. 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 material after inspection by ATCOM inspectors, and to return the materiel to storage. Report on DD Form 1225, by original serviceable condition code, the quantity of materiel placed in condition code J. Report by data FAX and provide local point of contact.

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

- (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.

**15. Weight and Balance. N/A.****16. Points of Contact.**

a. Technical point of contact for this TB is Mr. Mark Jeude, AMSAT-R-EPD, DSN 693-0308 or commercial (314)263-0308.

b. Logistical point of contact for this TB is Mr. Joe Hoover, SFAE-AV-BH-L, DSN 693-0484 or commercial (314)263-0484. E-mail address is "hooverj@peo2.stl.army.mil".

c. Forms and records point of contact for this TB is Ms. Ann Waldeck, AMSAT-I-MDM, DSN 490-2318 or commercial (314)260-2318.

d. Material management (spares) point of contact for this TB is Ruth Edwards, AMSAT-I-SABA, DSN 693-6045 or commercial (314)263-6045. Fax is DSN 693-6050 or commercial (314)263-6050.

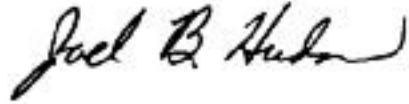
e. Safety point of contact for this TB is Mr. Jim Wilkins. AMSAT-R-X, DSN 693-2258 or commercial (314)263-2258.

f. Foreign Military Sales (FMS) recipients requiring clarification of action advised by this TB should contact CW5 Jay Nance or Mr. Ron Van Rees, AMSAT-D-S, DSN 693-7844/3216 or commercial (314)263-7844/3216. Datafax is 2917.

g. After hours contact ATCOM Command Operations Center (COC) DSN 693-2066/7 or commercial (314)263-2066/7.

By Order of the Secretary of the Army:

Official:



JOEL B. HUDSON

*Administrative Assistant to the  
Secretary of the Army*

03011

DENNIS J. REIMER  
*General, United States Army  
Chief of Staff*

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3. **Address:** 4300 Park
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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
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15. **Submitter LName:** Smith
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18. **Page:** 2
19. **Paragraph:** 3
20. **Line:** 4
21. **NSN:** 5
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23. **Figure:** 7
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