

REPLACEMENT OF MAIN DRIVESHAFT CLAMP BOLTS (UH-1-96-ASAM-01)
(TB 1-1520-210-20-30).

NOTE

THIS IS AN AVIATION SAFETY ACTION MESSAGE ISSUED PER AR 95-3, CHAPTER 5 REVISION VIA MESSAGE HQ AVSCOM, AMSAV-XSOF, 181900Z SEP 90, SUBJECT: CHANGE TO AR 95-3, CHAPTER 5, SAFETY OF FLIGHT MESSAGES. THIS MESSAGE HAS NOT BEEN TRANSMITTED TO UNITS SUBORDINATE TO ADDRESSEES. ADDRESSEES SHOULD IMMEDIATELY RETRANSMIT THIS MESSAGE TO ALL SUBORDINATE UNITS, ACTIVITIES OR ELEMENTS AFFECTED OR CONCERNED. THE RETRANSMITTAL SHALL REFERENCE THE MESSAGE. ACTION ADDRESSEES WILL IMMEDIATELY VERIFY THIS RETRANSMISSION TO COMMANDER, ATCOM, ATTN - AMSAT-C-KS (SOF COMPLIANCE OFFICER).

Priority Classification

A. AIRCRAFT IN USE - UPON RECEIPT OF THIS MESSAGE 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 INN THE TASK/INSPECTION SUSPENSE DATE. FAILURE TO COMPLY WITH THE REQUIREMENTS OF THIS MESSAGE WITHIN THE TIME FRAME WILL CAUSE THE STATUS SYMBOL TO BE UPGRADED TO A RED //X//.

B. AIRCRAFT IN DEPOT MAINTENANCE - SAME AS PARA 1A.

C. AIRCRAFT UNDERGOING MAINTENANCE - SAME AS PARA 1A.

D. AIRCRAFT IN TRANSIT -

(1) SURFACE/AIR SHIPMENT - SAME AS PARA 1A.

(2) FERRY STATUS - SAME AS PARA 1A.

E. MAINTENANCE TRAINERS (CATEGORY A, B) - N/A.

F. COMPONENT/PARTS IN STOCK INCLUDING WAR RESERVES AT ALL LEVELS (DEPOT AND OTHERS) - N/A.

Task/Inspection Suspense Date

- WITHIN 50 FLIGHT HOURS

OR 90 CALENDAR DAYS, WHICHEVER OCCURS FIRST.

Reporting Compliance Suspense Date

- NO LATER THAN 20

MAR 96 PER PARA 14A OF THIS MESSAGE.

Summary of Problem

A. A RECENT INCIDENT OCCURRED IN WHICH THE CLAMP BOLT TO THE MAIN DRIVESHAFT FAILED CAUSING AN EMERGENCY LANDING. ANALYSIS OF THE BOLT REVEALED THAT IT FAILED DUE TO FATIGUE OR OLD AGE. IT IS UNKNOWN HOW LONG THE BOLT HAD BEEN INSTALLED OR WHO THE MANUFACTURER WAS. IT IS LIKELY THAT OTHER OF THESE BOLTS IN THE UH-1 FLEET MAY BE AT RISK OF FAILING DUE TO AGE AND/OR CONDITION.

B. FOR MANPOWER/DOWNTIME AND FUNDING IMPACTS SEE PARA 12.

C. THE PURPOSE OF THIS MESSAGE IS TO REQUIRE REPLACEMENT OF THE DRIVESHAFT CLAMP BOLTS ON ALL UH-1H/V AIRCRAFT AND TO ESTABLISH A MANDATORY PHASE INSPECTION REPLACEMENT FOR THESE BOLTS.

End Items To Be Inspected

- ALL UH-1H/V AIRCRAFT.

Assembly Components to be Inspected

- N/A.

Parts to be Inspected

-

NONMENCLATURE	PART NO.	NSN
BOLT	204-040-624-1	5306-00-724-3593

Inspection Procedures

- N/A.

Correction Procedures

-

- A. GAIN ACCESS TO MAIN DRIVESHAFT CLAMPS.
- B. REMOVE BOLTS, P/N 204-040-624-1, IAW MAINTENANCE INSTRUCTIONS IN TM 55-1520-210-23-1.
- C. INSTALL NEW BOLTS, P/N 204-040-624-1, FROM STOCK, IAW MAINTENANCE INSTRUCTIONS.
- D. ESTABLISH PHASE INSPECTION CHANGEOUT OF THE DRIVESHAFT BOLTS. ANNOTATE AIRCRAFT RECORDS TO REQUIRE THE REPLACEMENT OF THE MAIN DRIVESHAFT BOLTS AT THE SIXTH PHASE INSPECTION (EVERY 900 HOURS) OF THE PHASE INSPECTION CYCLE. THE PHASE MAINTENANCE CHECKLIST, TM 55-1520-210-PM, WILL BE CHANGED TO REFLECT THIS REQUIREMENT.

Supply/Parts and Disposition

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- A. PARTS REQUIRED - ITEMS CITED IN PARA 7 MAY BE REQUIRED TO REPLACE DEFECTIVE ITEMS.
 - B. REQUISITIONING INSTRUCTIONS - REQUISITION REPLACEMENT PARTS THROUGH NORMAL SUPPLY CHANNELS USING NORMAL SUPPLY PROCEDURES. DUE TO LIMITED QUANTITY OF BOLTS CURRENTLY ON HAND, ALL REQUISITIONS WILL BE BACKORDERED AND RELEASED PER PRIORITY: KWAJALEIN ATOLL, SINAI, USAAVNC, MEDEVAC, EUSA, USSOCOM, USAREUR, FORSCOM, ARMG/USAR, AMC, OTHER. STOCK SUFFICIENT TO MEET FLEET REQUIREMENTS IS EXPECTED TO BE ON HAND IN 60 DAYS (15 APR 96). ALL REQUISITIONS SHALL USE PROJECT CODE "XB3" PER THIS MESSAGE.
 - NOTE
PROJECT CODE "XB3" IS REQUIRED TO TRACK ASAM COSTS.
 - C. BULK AND CONSUMABLE MATERIALS - N/A.
 - D. DISPOSITION - DISPOSE OF REMOVED PARTS/COMPONENTS IN ACCORDANCE WITH NORMAL SUPPLY PROCEDURES. A QDR IS NOT REQUIRED.
 - E. DISPOSITION OF HAZARDOUS MATERIAL - N/A.
11. SPECIAL TOOLS, JIGS AND FIXTURES REQUIRED - N/A.

Application

- A. CATEGORY OF MAINTENANCE - AVUM. AIRCRAFT DOWNTIME WILL BE CHARGED TO AVUM.
- B. ESTIMATED TIME REQUIRED TO CHANGE BOLTS -
 (1) TOTAL OF 1 MAN HOUR USING 1 PERSON.
 (2) TOTAL OF 1 HOUR DOWNTIME FOR ONE END ITEM.
- C. ESTIMATED COST IMPACT OF STOCK FUND ITEMS TO THE FIELD -
- | NOMENCLATURE | PART NO./NSN | QTY | COST EA. | TOTAL \$ |
|---------------------------|---------------|------------------|----------|----------|
| BOLT | 204-040-624-1 | 5306-00-724-3593 | 4 | 8.63 |
| TOTAL COST PER AIRCRAFT = | | | | 34.52 |
- 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 - TM 55-1520-210-PM.

References

- A. TM 55-1520-210-23-1

Recording and Reporting Requirements

- A. REPORTING COMPLIANCE SUSPENSE DATE (AIRCRAFT) - UPON ENTERING REQUIREMENTS OF THIS MESSAGE 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 (AT SIGN) EMH4.STL.ARMY.MIL". THE REPORT WILL CITE THIS MESSAGE NUMBER, DATE OF ENTRY IN DA FORM 2408-13-1, THE AIRCRAFT MISSION DESIGN SERIES AND SERIAL NUMBERS OF AIRCRAFT IN NUMERICAL ORDER.
- B. THE FOLLOWING FORMS ARE APPLICABLE AND ARE TO BE COMPLETED IN ACCORDANCE WITH DA PAM 738-751, 15 JUN 92 -
- (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 2408-18, EQUIPMENT INSPECTION LIST. (ACCORDANCE WITH THIS ASAM.)

Weight and Balance

- N/A.

Points of Contact

- A. TECHNICAL POINT OF CONTACT FOR THIS MESSAGE IS MR. FRED KERSHAW, AMSAT-R-ECH, DSN 693-1684 OR COMMERCIAL 314/263-1684.
- B. LOGISTICAL POINT OF CONTACT FOR THIS MESSAGE IS MR. CHARLES ELKINS, AMSAT-D-WAO, DSN 693-2004 OR COMMERCIAL

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*UH-1-96-ASAM-01
main drive shaft
clamp bolts*

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: FROM :CDRATCOM ST LOUIS MO//AMSAT-R-X// TO :AIG 8881 :AIG 9004 :AIG 9042 :AIG 8708 :AIG 7515 :AIG 7471 :AIG 12124 :DCM APMO OZARK AL//DCMDS-RCQA// :ASF42 81ST ARCOM DOBBINS AFB GA :102DARMY SCOTT AFB IL//AFRC-AMO-ASF-IL// :CDRAPGSA ABERDEEN PROVING GROUND MD//STEAP-PF-V// :CDRCBDCOM ABERDEEN PROVING GROUND MD//AMSCB-CMA// :JOHNSON CONWORLD SVC INC KWAJALEIN MH//PAT2// :CDR WHITE SANDS MISSILE RANGE NM//STEWNS-NS-AA-MQA// :USCS CNAC OKLAHOMA CITY OK//AMI// :USDOC LANDSOUTHEAST IZMIR TU//AV// :FAA SOUTHWEST RGN HQ FORT WORTH TX//ASW-AEG// :DPRO BELL HELICOPTER FORT WORTH TX//DCMDS-RBOB/RBP// :CDRDCO12THAVNBN DAVIDSON ARMY AIRFIELD FT BELVOIR VA ://CBD-ANAV// :WALLOPS FLIGHT FACILITY NASA WALLOPS ISLAND VA ://CODE 831.2 AIRCRAFT QA// INFO :HQAFSPC PETERSON AFB CO//LGM// :CDRMDW WASHINGTON DC//ANLG-LS// :CDRUSASDC WASHINGTON DC//CSSD-ZA// :SEC STATE WASHINGTON DC//NEA/MFO// :US CUSTOMS SERVICE WASHINGTON DC//AVIATION : OPERATIONS// :AFSOC HURLBURT FIELD FL//LGMW// :HQ PACAF HICKAM AFB HI//DO/LGM// :HQ AMC SCOTT AFB IL//LG/LGF/LGQ/SEF/DO/DOT/DOV// :DOX// :89AW ANDREWS AFB MD//LG// :CDR FT BRAGG NC//AFZA-GT-OM// :CDR HQ 1ST COSCOM FT BRAGG NC//LOGOPS AVN SECT : AFVH-DC-L// :DISC PHILADELPHIA PA//QEBB-JU// :CDR LSE AVIATION IZMIR TU//LSE// :PMSW VHFS WARRENTON VA//SFAE-IEW-SG// XMT :USDAO DHAKA BG :USDAO RANGOON BM :USCINCPAC REP PHNOM PENH CB :USDAO COLOMBO CE :USDAO SUVA FJ :DSA NEW DELHI IN :AMEMBASSY ANTANANARIVO MA :AMEMBASSY PORT LOUIS :SAO KUALA LUMPUR MY :AMEMBASSY KATHMANDU NP//POL-MIL// :AMEMBASSY VICTORIA ACCT : TEXT

Subject

AVIATION SAFETY ACTION MESSAGE, MAINTENANCE

MANDATORY, RCS CSGLD-1860(R1), UH-1H/V AIRCRAFT, MANDATORY