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*UH-1-94-ASAM-05
T/R D/S longer
bearings*

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: FROM :CDRATCOM ST LOUIS MO//AMSAT-C-XS// TO :AIG 6713 :AIG 9004 :AIG 9042 :AIG 8708 :AIG 7515 :DCM APMO OZARK AL//DCMDS-RCQA// :CDR4THBN228THAVN SOTO CANO HO//AVN-AMO// :102DARMY SCOTT AFB IL//AFRC-AMO-ASF-IL// :AMEMBASSY ROME IT//ODC/PASS TO HQ MFO// :DIRAAOD HOLLOWAN AFB NM//STEW-AA/GE GS// :CDRAMCCOM PICATINNY ARSENAL NJ//AMSMC-AV-D// :JOHNSON CONWORLD SVC INC KWJALEIN NQ//PAR2// :USCS CNAC OKLAHOMA CITY OK//AMI// :FORCE COMMANDER SINAI MFO HQ IL TELEX 606342535 ://PASS TO SSO AVSM/SO AIR// :USDOCO LANDSOUTHEAST IZMIR TU//AV// :DPRO BELL HELICOPTER FORT WORTH TX//DCMDS-RBQ/RBDF// :CDROSAC FT BELVOIR VA//ANAV-OS/ANAV-RW-M/ANAV-CR// :WALLOPS FLIGHT FACILITY NASA WALLOPS ISLAND VA//CODE : 831.2 AIRCRAFT QA// INFO :TSM ATK HEL FT RUCKER AL//ATZQ-TSM-A// :CDRUSASDC WASHINGTON DC//CSSD-ZA// :SEC STATE WASHINGTON DC//NEA/MFO// :US CUSTOMS SERVICE WASHINGTON DC//AVIATION : OPERATIONS// :AFSOC HURLBURT FIELD FL//LGMW// :NAVAIRSYS COM DET PMA PENSACOLA FL//PMA225// :NAVAVNDEPOT PENSACOLA FL//310B// :WR-ALC ROBINS AFB GA//LUHA// :HQ AMC SCOTT AFB IL//LG/LGA/LGQ/SEF/XO/XOT/XOV/XOX// :CDR FT BRAGG NC//AFZA-GT-OM// :CDR HQ 1ST COSCOM FT BRAGG NC//LOGOPS AVN SECT : AFVH-DC-L// :CDR WHITE SANDS MISSILE RANGE NM//STEW-AA// :DISC PHILADELPHIA PA//QEBB-JU// :CDR LSE AVIATION IZMIR TU//LSE// :HQ ACC LANGLEY AFB VA//DOH/LGRC// :PMSW VHFS WARRENTON VA//SFAE-IEW-SG// XMT :USDAO DHAKA BG :USDAO RANGOON BM :USDAO COLOMBO CE :USDAO SUVA FJ :DSA NEW DELHI IN :USDAO ROME IT :USDAO ANTANANARIVO MA :CDRATCOM ST LOUIS MO//AMSAT-C-XS// :SAO KUALA LUMPUR MY :USDAO KATHMANDU NP//SAO// ACCT : TEXT

Subject

AVIATION SAFETY ACTION MESSAGE, MAINTENANCE

MANDATORY, RCS CSGLD-1860(R1), ALL UH-1 AND AH-1 SERIES

AIRCRAFT, TAIL ROTOR DRIVE SHAFT HANGER BEARING PART NUMBER (P/N) 204-040-623-005 ONE TIME INSPECTION (UH-1-94-ASAM-05) (TB 1-1520-242-20-56) (AH-1-94-ASAM-06) (TB 1-1520-236-20-10).
 NOTE - THIS IS AN AVIATION SAFETY ACTION MESSAGE ISSUED PER AR 95-3, CHAPTER 5 REVISION VIA MESSAGE HQ AVSCOM, AMSAV XSOP, 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 RE TRANSMIT THIS MESSAGE TO ALL SUBORDINATE UNITS, ACTIVITIES OR ELEMENTS AFFECTED OR CONCERNED. THE RE TRANSMITTAL SHALL REFERENCE THE MESSAGE. ACTION ADDRESSES WILL IMMEDIATELY VERIFY THIS RE TRANSMISSION TO COMMANDER, ATCOM, ATTN - AMSAT-C-XS (SOP 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 INSPECTION OF PARA 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 MESSAGE 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 ASAM HAS BEEN COMPLETED.

C. AIRCRAFT UNDERGOING MAINTENANCE - AIRCRAFT WILL NOT BE RELEASED UNTIL COMPLIANCE WITH THIS ASAM MESSAGE HAS BEEN COMPLETED.

D. AIRCRAFT IN TRANSIT -

(1) SURFACE/AIR SHIPMENT - PRIOR TO FIRST FLIGHT.

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

E. MAINTENANCE TRAINERS (CATEGORY A, B AND C) - SAME AS PARA 1A.

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

Task/Inspection Suspense Date

- WITHIN 25 FLIGHT HOURS

OR 30 DAYS AFTER RECEIPT OF THIS MESSAGE.

Reporting Compliance Suspense Date

- REPORT COMPLIANCE

TO COMMANDER, ATCOM, ATTN: AMSAT-C-XS NO LATER THAN 15 WORKING DAYS OF THE DATE OF THIS MESSAGE PER PARA 14A OF THIS MESSAGE.

Summary of Problem

A. BELL HELICOPTER TEXTRON HAS RECENTLY BEEN INFORMED OF A SUPPLIER/MAINTENANCE CONTRACTOR WHO FURNISHED INDUSTRIAL GRADE BEARINGS WHICH WERE MARKED AS THE BELL 204-040-623-005 BEARINGS. THERE IS A POSSIBILITY THAT THESE SUSPECT BEARINGS MAY HAVE BEEN INSTALLED ON ARMY AIRCRAFT. THE INTENT OF THIS ASAM IS TO ADVISE OPERATORS THAT AN INSPECTION MUST BE

ACCOMPLISHED TO ENSURE THAT THE UNAPPROVED TAIL ROTOR HANGER BEARINGS ARE NOT INSTALLED ON UH-1 OR AH-1 AIRCRAFT.

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

C. THE PURPOSE OF THIS MESSAGE IS TO ALERT THE OPERATORS OF UH-1 AND AH-1 AIRCRAFT THAT THESE UNAPPROVED BEARINGS MAY HAVE BEEN INSTALLED ON THEIR AIRCRAFT.

End Items To Be Inspected

- ALL UH-1 AND AH-1 AIRCRAFT.

Assembly Components to be Inspected

NOMENCLATURE	PART NO.	NSN
HANGER ASSEMBLY	212-040-600-7	1615-01-014-6008
HANGER ASSEMBLY	209-961-406-1	1615-01-008-7744
NOTE - USAGE, 3 PER AH-1 AIRCRAFT		
HANGER ASSEMBLY	204-040-600-11	1615-01-056-5365
NOTE - 4 PER UH-1 AIRCRAFT		

Parts to be Inspected

NOMENCLATURE	PART NO.	NSN
BEARING, BALL, ANNULA	204-040-623-5	3110-01-030-4306
NOTE - 1 PER HANGER ASSEMBLY		

Inspection Procedures

WARNING

THE ANNULAR BALL BEARING (HANGER BEARING), P/N 204-040-623-5 IS A FLIGHT SAFETY PART - LOCAL PROCUREMENT OF THESE BEARINGS IS NOT AUTHORIZED.

A. GAIN ACCESS TO TAIL ROTOR HANGER BEARING AND SUPPORT ASSEMBLIES BY OPENING THE RINGED COVERS ALONG THE TOP OF TAILBOOM AND ON THE FRONT OF THE VERTICAL FIN. OPEN ENGINE COMING.

B. INSPECT TAIL ROTOR BEARING P/N 204-040-623-5 FOR GREEN COLOR SEAL. IF SEAL IS GREEN IT SHOULD BE CONSIDERED SUSPECT AND REMOVED FROM SERVICE PRIOR TO NEXT FLIGHT AND REPLACED WITH A SERVICEABLE HANGER BEARING P/N 204-040-623-5 FROM SUPPLY.

C. IF SUSPECT BEARINGS ARE FOUND INSTALLED ON THE AIRCRAFT, INSPECT UNIT STOCK FOR ADDITIONAL UNAPPROVED BEARINGS. BEARINGS WHICH HAVE A GREEN COLOR SEAL SHOULD BE REMOVED FROM SUPPLY AND DISPOSED OF IN ACCORDANCE WITH PARAGRAPH 10.D.

Correction Procedures

SEE PARAGRAPHS 8B AND 8C ABOVE.

Supply/Parts and Disposition

A. PARTS REQUIRED - ITEMS CITED IN PARAGRAPHS 6 AND 7 MAY BE REQUIRED TO REPLACE DEFECTIVE ITEMS.

B. REQUISITIONING INSTRUCTIONS -
WARNING

THE ANNULAR BALL BEARING (HANGER BEARING), P/N 204-040-623-5 IS A FLIGHT SAFETY PART - LOCAL PROCUREMENT OF THESE BEARINGS IS NOT AUTHORIZED. REQUISITION REPLACEMENT PARTS THROUGH NORMAL SUPPLY CHANNELS USING NORMAL SUPPLY PROCEDURES. ALL REQUISITIONS SHALL USE PROJECT CODE "XAE" PER THIS MESSAGE.

NOTE

PROJECT CODE "XAE" IS REQUIRED TO TRACK ASAM COSTS IN AN ATTEMPT TO ESTABLISH A FUTURE FUND TO REIMBURSE UNITS FOR STOCK FUND EXPENDITURES CREATED BY ASAMS.

C. BULK AND CONSUMABLE MATERIALS - N/A.

D. DISPOSITION - REMOVED PARTS/COMPONENTS SHALL BE RENDERED UNSERVICEABLE VIA MUTILATION IN ACCORDANCE WITH DA PAM 738-751.

E. DISPOSITION OF HAZARDOUS MATERIAL - N/A.

11. SPECIAL TOOLS, JIGS AND FIXTURES REQUIRED - N/A.

Application

A. CATEGORY OF MAINTENANCE - AVUM OR AVIM OR DEPOT OR CONTRACTOR TEAM. AIRCRAFT DOWNTIME WILL BE CHARGED TO AVUM MAINTENANCE.

B. ESTIMATED TIME REQUIRED -

(1) TOTAL OF 1 MAN-HOURS USING 1 PERSON.

(2) TOTAL OF 1 HOUR DOWNTIME FOR ONE END ITEM.

C. ESTIMATED COST IMPACT OF STOCK FUND ITEMS TO THE FIELD - \$ 103.30 PER HANGER ASSEMBLY.

D. TB/MMOS TO BE APPLIED TO OR CONCURRENTLY WITH THIS INSPECTION - N/A.

E. PUBLICATIONS WHICH REQUIRE CHANGE AS A RESULT OF THIS INSPECTION - N/A.

References

A. TM 55-1520-234-23-1.

B. TM55-1520-234-23P.

C. TM55-1520-236-23-1.

D. TM 55-1520-236-23P-1.

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

F. TM 55-1520-210-23P-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: AMSATC-XS (SOF COMPLIANCE OFFICER), PER AR 95-3. DATAFAX NUMBER IS DSN 693-2064 OR COMMERCIAL 314/263-2064. E-MAIL ADDRESS IS "AMSATCKS (AT SIGN) ST-LOUIS-EMH4.ARMY.MIL". THE REPORT WILL CITE THIS MESSAGE NUMBER, DATE OF ENTRY IN DA FORM 2408-13-1, THE AIRCRAFT MISSION DESIGN AND SERIES NUMBERS OF AIRCRAFT IN NUMERICAL ORDER.