Flight Safety Message: uh1/9405.asm

Contents

1. Subject
2. Priority Classification
3. Task/Inspection Suspension Date
4. Reporting Compliance Suspension Date
5. Summary of Problem
6. Items To Be Inspected
7. Assembly Components to be Inspected
8. Parts to be Inspected
9. Inspection Procedures
10. Correction Procedures
11. Supply/Parts and Disposition
12. Special Tools and Fixtures Required
13. References
14. Recording and Reporting Requirements
15. Weight and Balance
16. Points of Contact

Display Without Table Of Contents


Subject

AVIATION SAFETY ACTION MESSAGE, MAINTENANCE

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

http://www.redstone.army.mil/cgi-bin/atcom1.sh?uh1/9405.asm

07/11/2000
AIRCRAFT, TAIL ROTOR DRIVE SHAFT HANGER BEARING PART NUMBER
(FIM) 204-040-623-005 ONE TIME INSPECTION (GR-1-94-ASAN-05)
(TB 1-1520-242-20-56) (AM-1-94-ASAN-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
KSOF, 1819001 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 ADDRESSEES WILL IMMEDIATELY VERIFY THIS
RE TRANSMISSION TO COMMANDER, ATCOM, ATTN - AMSAT-C-XS (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 INSPECTION OF PARA 8
BELLOW 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

http://www.redstone.army.mil/cgi-bin/atcom1.sh?uhl/9405.asm
07/11/2000
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

<table>
<thead>
<tr>
<th>NOMENCLATURE</th>
<th>PART NO.</th>
<th>NSN</th>
</tr>
</thead>
<tbody>
<tr>
<td>HANGER ASSEMBLY</td>
<td>212-040-600-7</td>
<td>1615-01-014-6008</td>
</tr>
<tr>
<td>HANGER ASSEMBLY</td>
<td>209-961-406-1</td>
<td>1615-01-008-7744</td>
</tr>
<tr>
<td>NOTE - USAGE: 3 PER AH-1 AIRCRAFT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HANGER ASSEMBLY</td>
<td>204-040-600-11</td>
<td>1615-01-056-5365</td>
</tr>
<tr>
<td>NOTE - 4 PER UH-1 AIRCRAFT</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Parts to be Inspected

<table>
<thead>
<tr>
<th>NOMENCLATURE</th>
<th>PART NO.</th>
<th>NSN</th>
</tr>
</thead>
<tbody>
<tr>
<td>BEARING, BALL, ANNULA</td>
<td>204-040-623-5</td>
<td>3110-01-030-4306</td>
</tr>
<tr>
<td>NOTE - 1 PER HANGER ASSEMBLY</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 HINGED COVERS ALONG THE TOP OF TAILBOOM AND ON THE FRONT OF THE VERTICAL FIN OPEN ENGINE COWLINGS.

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

http://www.redstone.army.mil/cgi-bin/atcom1.sh?uh1/9405.asm
07/11/2000
A. PARTS REQUIRED - ITEMS CITED IN PARAGRAPHS 6 AND 7
MAY BE REQUIRED TO REPLACE DEFECTIVE ITEMS.
B. REQUISITIONING INSTRUCTIONS -
WARNING
THE ANNUAL 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 MUTATION 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 - AVOM OR AVIM OR DEPOT OR
CONTRACTOR TEAM. AIRCRAFT DOWNTIME WILL BE CHANGED TO AVOM
MAINTENANCE.
B. ESTIMATED TIME REQUIRED -
(1) TOTAL OF 1 MAN-HOURS USING 1 PERSON.
(2) TOTAL OF 1 HOURS DOWNTIME FOR ONE END ITEM.
C. ESTIMATED COST IMPACT OF STOCK FUND ITEMS TO THE
FIELD - $ 103.30 PER HANGER ASSEMBLY.
D. TB/OMS 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

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 MS AIRCRAFT, FORWARD A PRIORITY
MESSAGE, DATAXOR OR E-MAIL TO COMMANDER, ATCOM, ATTN: AMATC-
XS (SOF COMPLIANCE OFFICER), PER AR 95-3. DATAXOR NUMBER IS
DSN 693-2064 OR COMMERCIAL 314/263-2064. E-MAIL ADDRESS IS
"AMATCXS (AT SIGN) ST-LOUIS-EN64.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.

http://www.redstone.army.mil/cgi-bin/atcom1.sh?uh1/9405.asm
07/11/2000