Subject

SAFETY OF FLIGHT, TECHNICAL, RCS CSGLD-1860(R1).

AH-1 SERIES, INSPECTION OF TAIL ROTOR HUB ASSEMBLY (AH-1-96-02)

(7R 1-1520-244-20-41)

NOTE - THIS IS A SAFETY OF FLIGHT MESSAGE ISSUED PER AR 95-3, CHAPTER 5 REVISION VIA MESSAGE HQ AVSCOM, AMSEV-XSOF, 181906Z 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 ADDRESSES WILL IMMEDIATELY VERIFY THIS RETRANSMISSION TO COMMANDER, ATCOM, ATTN: - AMSAT-R-X (SOF COMPLIANCE OFFICER).

Priority Classification

http://www.redstone.army.mil/cgi-bin/atcom1.sh?ah1/9602.msg

02/28/2001
A. AIRCRAFT IN USE - UPON RECEIPT OF THIS MESSAGE THE CONDITION STATUS SYMBOL OF THE CITED AIRCRAFT WILL BE CHANGED TO A RED DASH //-. THE RED 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 SOF HAS BEEN COMPLETED.

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

D. AIRCRAFT IN TRANSIT -
   (1) SURFACE/AIR SHIPMENT - WITHIN 10 HOURS OR 14 DAYS OF ARRIVAL.
   (2) FERRY STATUS - SAME AS PARA 1A.

E. MAINTENANCE TRAINERS (CATEGORY A, B) - 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 16 HOURS/14 DAYS.

Reporting Compliance Suspense Date
- NO LATER THAN 4 DEC 95

PER PARA 14A OF THIS MESSAGE.

Summary of Problem

A. AN INSPECTION CONDUCTED ON A TAIL ROTOR HUB ASSEMBLY MANUFACTURED BY SPACE CRAFT INCORPORATED (CAGE 0B383), WAS DIMENSIONALLY OUT OF TOLERANCE.

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

C. THE PURPOSE OF THIS MESSAGE IS TO CONDUCT A ONE TIME INSPECTION OF THE TAIL ROTOR HUB ASSEMBLY TO FIND AND REMOVE ANY SUSPECT ASSEMBLIES.

End Items To Be Inspected
- ALL AH-1S/F/E/F AIRCRAFT.

Assembly Components to be Inspected

<table>
<thead>
<tr>
<th>NOMENCLATURE</th>
<th>PART NO.</th>
<th>NSN</th>
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<tbody>
<tr>
<td>TAIL ROTOR HUB ASSEMBLY</td>
<td>212-010-701-9</td>
<td>1615-00-316-0610</td>
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</tbody>
</table>

Parts to be Inspected
- N/A

http://www.redstone.army.mil/cgi-bin/atcom1.sh?ahl/9602.msg

02/28/2001
Inspection Procedures
- INSPECT ASSEMBLIES AT ALL LEVELS

TO INCLUDE ASL/KSL. THE INSPECTION WILL BE OF THE DATA PLATES ON THE TAIL ROTOR HUB ASSEMBLY FOR SERIAL NUMBER, CAGE CODE, AND MANUFACTURER'S NAME.

Correction Procedures
- TAIL ROTOR HUB ASSEMBLY -

   A. IF THE MANUFACTURER OF THE TAIL ROTOR HUB ASSEMBLY IS BELL HELICOPTER Textron Incorporated (CAGE 97499), THEN THE TAIL ROTOR HUB IS FULLY SERVICEABLE.

   B. IF THE MANUFACTURER OF THE TAIL ROTOR HUB ASSEMBLY IS SPACECRAFT Incorporated (CAGE 0B583), THEN REMOVE THE HUB AND REPLACE WITH A SERVICEABLE ASSEMBLY PER REFERENCE 13A OR 13B. THESE ASSEMBLIES WERE PURCHASED UNDER CONTRACT NUMBER DAAJ09-90-C-1352. MUTATE THE TAIL ROTOR HUB ASSEMBLY PER REFERENCE 13C.

Supply/Parts and Disposition

   A. PARTS REQUIRED - ITEMS CITED IN PARA 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 "KBL" PER THIS MESSAGE.

   NOTE

   PROJECT CODE "KBL" IS REQUIRED TO TRACK AND ESTABLISH A DATA BASE OF STOCK FUND EXPENDITURES INCURRED BY THE FIELD AS A RESULT OF ASAM/SOF ACTIONS.

   C. BULK AND CONSUMABLE MATERIALS - N/A.

   D. DISPOSITION - DEMILITARIZE ANY PART WHICH DOES NOT MEET INSPECTION CRITERIA IN ACCORDANCE WITH REF TM 1-1500-327-23.

   E. DISPOSITION OF HAZARDOUS MATERIAL - N/A.

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

Application

   A. CATEGORY OF MAINTENANCE - AVAM. AIRCRAFT DOWNTIME WILL BE CHARGED TO AVAM MAINTENANCE.

   B. ESTIMATED TIME REQUIRED FOR INSPECTION -

      (1) TOTAL OF .5 MANHOURS USING 1 PERSON.

      (2) TOTAL OF .5 HOURS DOWNTIME FOR ONE END ITEM.

   C. ESTIMATED COST IMPACT OF STOCK FUND ITEMS TO THE FIELD -

   NOMENCLATURE PART NO. NSN COST

   T/R HUB ASSY 212-010-701-9  1615-00-316-0610  2114.00

   D. TB/WDTS 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.
References

A. TM 55-1520-234-23 SERIES
B. TM 55-1520-236-23 SERIES
C. TM 1-1500-328-23

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 NDS AIRCRAFT, FORWARD A PRIORITY MESSAGE, DATAPAX OR E-MAIL TO COMMANDER, ATCOM, ATTN: AMSAT-R-X (SOF COMPLIANCE OFFICER), PER AN 95-3. DATAPAX NUMBER IS DSN 693-2064 OR COMMERCIAL 314/263-2064. E-MAIL ADDRESS IS "AMSATX (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 2408-3-1, EQUIPMENT MODIFICATION RECORD (COMPONENT)
   (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.

Weight and Balance
- N/A.

Points of Contact

A. LOGISTICAL POINT OF CONTACT FOR THIS MESSAGE IS CMS BOB KENTNER, AMCPM-CO-T, DSN 693-2565 OR COMMERCIAL 314/263-2565.
B. TECHNICAL POINT OF CONTACT FOR THIS MESSAGE IS MR. MARTIN ORENBERG/LOY STANGER, AMSAT-R-EIS, DSN 693-1659/9891 OR COMMERCIAL 314/263-1659/9891.
C. FORMS AND RECORDS POINT OF CONTACT FOR THIS MESSAGE IS MS. ANN WALDOCK, AMSAT-1-MDC, DSN 490-2318 OR COMMERCIAL 314/260-2318.
D. SAFETY POINT OF CONTACT FOR THIS MESSAGE IS MR. LYELL MYERS, AMSAT-R-X, DSN 693-2438 OR COMMERCIAL 314/263-2438.
E. FOREIGN MILITARY SALES (FMS) RECIPIENTS REQUIRING CLARIFICATION OF ACTION ADVISED BY THIS MESSAGE SHOULD CONTACT CMS JAY RANCE OR MR. RON VAN REES, AMSAT-1-IAF, DSN 693-3826/3659 OR COMMERCIAL 314/263-3826/3659.
F. AFTER HOURS CONTACT ATCOM COMMAND OPERATIONS CENTER (COC) DSN 693-2066/7 OR COMMERCIAL 314/263-2066/7.