AVIATION SAFETY ACTION MESSAGE, MAINTENANCE

MANDATORY, RCS CSGLD-1860(R1), ALL UN-1 H/V AIRCRAFT, MODIFICATION TO LEFT CYCLIC RIGID CONNECTING LINK (UN-1-94-ASAM-03) (TB 1-1520-210-20-23) NOTE - THIS IS AN AVIATION SAFETY ACTION MESSAGE ISSUED FOR AR 95-3, CHAPTER 5 REVISION VIA MESSAGE HQ AVSCOM, AMSYXSO, 191900Z 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. ADDRESSES WILL IMMEDIATELY VERIFY THIS RETRANSMISSION TO COMMANDER, ATCOM, ATTN - AMSYX-XSOF (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 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 - WITHIN 50 HOURS OR 60 DAYS OF ARRIVAL.
   2. FERRY STATUS - INSPECT AT FINAL DESTINATION.

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

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

Task/Inspection Suspense Date
- WITHIN 50 HOURS/60 DAYS.

Reporting Compliance Suspense Date
- NO LATER THAN 23 MAR 94

PER PARA 14A OF THIS MESSAGE.

Summary of Problem

A. SEVERAL DOCUMENTED CASES HAVE BEEN REPORTED OF INTERFERENCE BETWEEN THE NEW IMPROVED SERVO-CYLINDER (INSTALLED IN THE LEFT CYCLIC POSITION) AND THE LEFT MAIN BEAM BULGEHEAD. THE INTERFERENCE OCCURS DURING EXTREME

MOVEMENTS OF THE CYCLIC STICK; USUALLY FROM THE LEFT-FORWARD
QUADRANT TO THE RIGHT-AFT QUADRANT. THE CONTACT HAS BEEN
SEVERE ENOUGH TO SENT THE BULKHEAD AND COULD RESULT IN THE
SERVO-CYLINDER GETTING CAUGHT UP, JAMMING THE CYCLIC
CONTROLS. A CORRECTION/ MODIFICATION HAS BEEN DEVELOPED
WHICH ALLOWS AVIM PERSONNEL TO REPOSITION THE SERVO-CYLINDER
AND ALLEVIATE THIS SITUATION.

B. THE PURPOSE OF THIS MESSAGE IS TO REQUIRE A
MODIFICATION TO THE LEFT CYCLIC SERVO-CYLINDER RIGID
CONNECTING LINK OF ALL UH-1H/V AIRCRAFT.

End Items To Be Inspected
- ALL UH-1/V AIRCRAFT.

Assembly Components to be Inspected

<table>
<thead>
<tr>
<th>Nomenclature</th>
<th>Part No.</th>
<th>NSN</th>
</tr>
</thead>
<tbody>
<tr>
<td>SERVO ASSEMBLY</td>
<td>205-076-056-101</td>
<td>NONE</td>
</tr>
</tbody>
</table>

Parts to be Inspected

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<tbody>
<tr>
<td>SERVO-CYLINDER</td>
<td>205-076-056-107</td>
<td>1650-01-187-9395</td>
</tr>
<tr>
<td>RIGID CONNECTING</td>
<td>204-076-267-1</td>
<td>3040-00-982-8221</td>
</tr>
</tbody>
</table>

Inspection Procedures

A. GAIN ACCESS TO LEFT CYCLIC SERVO-CYLINDER.
IDENTIFY THE SERVO-CYLINDER INSTALLED IN THIS POSITION BY
PART NUMBER. A RECORDS CHECK IS NOT ADEQUATE FOR THIS
INSPECTION, A VISUAL IDENTIFICATION IS REQUIRED.
NOTE
IT IS POSSIBLE THAT DASH NUMBERS OTHER THAN
THE -107 MAY APPEAR ON THE 205-076-056
SERVO-CYLINDER DATA PLATE. ALL PART NUMBERS
BEGINNING WITH 205-076-056 ARE REQUIRED TO BE
MODIFIED PER THIS MESSAGE.
B. IF SERVO-CYLINDER, P/N 205-076-056, IS
INSTALLED, CONTINUE WITH CORRECTION PROCEDURE OF PARA 9. IF
ANOTHER P/N IS INSTALLED, NO FURTHER ACTION IS REQUIRED.

Correction Procedures

A. OBTAIN A COPY OF THE MODIFICATION PROCEDURES FOR
THE RIGID CONNECTING LINK, P/N 204-076-267-1, FROM YOUR
LOGISTICS ASSISTANCE REPRESENTATIVE (LAR). PERFORM
MODIFICATION AND REINSTALL RIGID CONNECTING LINK PER THE
INSTRUCTIONS. IF YOU DO NOT HAVE A LAR, THE MODIFICATION
INSTRUCTIONS CAN BE OBTAINED BY CONTACTING THE LOGISTICS
ASSISTANCE REPRESENTATIVE (LAR) IN PARA 14A.
B. UNTIL THE MODIFICATION CAN BE ACCOMPLISHED, PERFORM
DAILY VISUAL INSPECTION FOR SIGNS OF INTERFERENCE WITH THE
TRANSMISSION BULKHEAD. IF CONTACT IS EVIDENT, THE AIRCRAFT
SHALL NOT BE OPERATED UNTIL THE MODIFICATION TO THE RIGID
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CONNECTING LINK IS COMPLETE.

Supply/Parts and Disposition

A. PARTS REQUIRED - N/A.
B. REQUISITIONING INSTRUCTIONS - N/A.
C. BULK AND CONSUMABLE MATERIALS - AS REQUIRED BY MODIFICATION PROCEDURES.
D. DISPOSITION - N/A.
E. DISPOSITION OF HAZARDOUS MATERIAL - N/A.
11. SPECIAL TOOLS, JIGS AND FIXTURES REQUIRED - N/A.

Application

A. CATEGORY OF MAINTENANCE - AVIM. AIRCRAFT DOWNTIME WILL BE CHARGED AVIM.
B. ESTIMATED TIME REQUIRED -
   (1) TOTAL OF 4 MANHOURS USING 1 PERSON.
   (2) TOTAL OF 4 HOURS DOWNTIME FOR ONE END ITEM.
C. ESTIMATED COST IMPACT OF STOCK FUND ITEMS TO THE FIELD - N/A.
D. TB/MWO5 TO BE APPLIED PRIOR TO OR CONCURRENTLY WITH THIS INSPECTION - N/A.
E. PUBLICATION WHICH REQUIRE CHANGE AS A RESULT OF THIS INSPECTION - TM 55-1520-210-23-2 SHALL BE CHANGED TO REFLECT THE MODIFICATION PERFORMED PER THIS MESSAGE. A COPY OF THIS MESSAGE SHALL BE INSERTED IN THE APPROPRIATE TM AS AUTHORITY TO IMPLEMENT THE CHANGE UNTIL THE PRINTED CHANGE IS RECEIVED.

References

- N/A.

Recording and Reporting Requirements

A. REPORTING COMPLIANCE SUSTAIN DATE (AIRCRAFT) - UPON ENTERING REQUIREMENTS OF THIS MESSAGE ON DA FORM 2408-13-1 ON ALL SUBJECT MOS AIRCRAFT, FORWARD A PRIORITY MESSAGE, DATAFAX OR E-MAIL TO COMMANDER, ATCOM, ATTN: AMSAT-C-XS (SOF COMPLIANCE OFFICER), PER AN 95-3. DATAFAX NUMBER IS DSN 693-2064 ON COMMERCIAL 314/263-2064. E-MAIL ADDRESS IS "AMSAT-CXS (AT SIGN) ST-LOUIS-EM4.ARMY.MIL". THE REPORT WILL CITE THIS MESSAGE NUMBER, DATE OF ENTRY IN DA FORM 2408-13, THE AIRCRAFT MISSION DESIGN SERIES AND SERIAL NUMBERS OF AIRCRAFT IN NUMERICAL ORDER.
B. TASK/INSPECTION REPORTING SUSPENSE DATE (AIRCRAFT) - N/A.
C. REPORTING COMPLIANCE SUSPENSE DATE (SPARES) - N/A.
D. TASK/INSPECTION REPORTING SUSPENSE DATE (SPARES) - N/A.
E. THE FOLLOWING FORMS ARE APPLICABLE AND ARE TO BE COMPLETED IN ACCORDANCE WITH DA PAM 738-751, 15 JUN 92 -
   (1) DA FORM 2408-5-1, EQUIPMENT MODIFICATION RECORD (RIGID CONNECTING LINK)
   (2) DA FORM 2408-13, AIRCRAFT STATUS INFORMATION RECORD.

http://www.redstone.army.mil/cgi-bin/atcom1.sh?uh1/9403.asm

07/11/2000

Subject

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MANDATORY, RCS CSGLD-1860(R1), ALL UH-1 H/V AIRCRAFT, MODIFICATION TO LEFT CYCLIC RIGID CONNECTING LINK (UH-1-94-ASAM-03) (TB 1-1520-210-20-23)

NOTE - THIS IS AN AVIATION SAFETY ACTION MESSAGE ISSUED PER AR 95-3, CHAPTER 5 REVISION VIA MESSAGE HQ AVSOM, AMSAT-XDRF, 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 SHE WILL REFERENCE THE MESSAGE. ACTION ADDRESSES WILL IMMEDIATELY VERIFY THIS RETRANSMISSION 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 //F//. THE RED HORIZONTAL DASH //F// 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 - WITHIN 50 HOURS OR 60 DAYS OF ARRIVAL.
   2. FERRY STATUS - INSPECT AT FINAL DESTINATION.

E. MAINTENANCE TRAINING (CATEGORY A, B AND C) - N/A.

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

Task/Inspection Suspension Date
- WITHIN 50 HOURS/60 DAYS.

Reporting Compliance Suspension Date
- NO LATER THAN 20 MAR 94

PER PARA 14A OF THIS MESSAGE.

Summary of Problem

A. SEVERAL DOCUMENTED CASES HAVE BEEN REPORTED OF INTERFERENCE BETWEEN THE NEW IMPROVED SERVO-CYLINDER (INSTALLED IN THE LEFT CYCLIC POSITION) AND THE LEFT MAIN BEAM BULKHEAD. THE INTERFERENCE OCCURS DURING EXTREME
MOVEMENTS OF THE CYCLIC STICK; USUALLY FROM THE LEFT-FORWARD QUADRANT TO THE RIGHT-AFT QUADRANT. THE CONTACT HAS BEEN SEVERE ENOUGH TO BEND THE BULKHEAD AND COULD RESULT IN THE SERVO-CYLINDER GETTING CAUGHT UP, JAMMING THE CYCLIC CONTROLS. A CORRECTION/MODIFICATION HAS BEEN DEVELOPED WHICH ALLOWS AVIM PERSONNEL TO REPOSITION THE SERVO-CYLINDER AND ALLEVIATE THIS SITUATION.

A. THE PURPOSE OF THIS MESSAGE IS TO REQUIRE A MODIFICATION TO THE LEFT CYCLIC SERVO-CYLINDER RIGID CONNECTING LINK OF ALL UH-1H/V AIRCRAFT.

End Items To Be Inspected
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IDENTIFY THE SERVO-CYLINDER INSTALLED IN THIS POSITION BY PART NUMBER. A RECORDS CHECK IS NOT ADEQUATE FOR THIS INSPECTION. A VISUAL IDENTIFICATION IS REQUIRED.

NOTE
IT IS POSSIBLE THAT DASH NUMBERS OTHER THAN THE -107 MAY APPEAR ON THE 205-076-056 SERVO-CYLINDER DATA PLATE. ALL PART NUMBERS BEGINNING WITH 205-076-056 ARE REQUIRED TO BE MODIFIED PER THIS MESSAGE.

B. IF SERVO-CYLINDER, P/N 205-076-056, IS INSTALLED, CONTINUE WITH CORRECTION PROCEDURE OF PARA 9. IF ANOTHER P/N IS INSTALLED, NO FURTHER ACTION IS REQUIRED.

Correction Procedures


B. UNTIL THE MODIFICATION CAN BE ACCOMPLISHED, PERFORM DAILY VISUAL INSPECTION FOR SIGNS OF INTERFERENCE WITH THE TRANSMISSION BULKHEAD. IF CONTACT IS EVIDENT, THE AIRCRAFT SHALL NOT BE OPERATED UNTIL THE MODIFICATION TO THE RIGID
CONNECTING LINK IS COMPLETE.

Supply/Parts and Disposition

A. PARTS REQUIRED - N/A.
B. REQUISITIONING INSTRUCTIONS - N/A.
C. BULK AND CONSUMABLE MATERIALS - AS REQUIRED BY MODIFICATION PROCEDURES.
D. DISPOSITION - N/A.
E. DISPOSITION OF HAZARDOUS MATERIAL - N/A.
11. SPECIAL TOOLS, JIGS AND FIXTURES REQUIRED - N/A.

Application

A. CATEGORY OF MAINTENANCE - AVIM. AIRCRAFT DOWNTIME WILL BE CHARGED AVIM.
B. ESTIMATED TIME REQUIRED -
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C. ESTIMATED COST IMPACT OF STOCK UND ITEMS TO THE FIELD - N/A.
D. TB/MWOS TO BE APPLIED PRIOR TO OR CONCURRENTLY WITH THIS INSPECTION - N/A.
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- N/A.

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