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*UH-1-98-ASAM-03  
T/E control tubes  
PN 209-010-742-9*

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FROM CDRAMCOM REDSTONE ARSENAL AL//AMSAM-SF-A// TO AIG 8881

**Subject**

AVIATION SAFETY ACTION MESSAGE, MAINTENANCE MANDATORY.

RCS CSGLD-1860(R1), ALL UH-1 SERIES AIRCRAFT, MANDATORY INSPECTION OF TAIL ROTOR CONTROL TUBES, UH-1-98-ASAM-03 (TB 1-1520-210-20-40). NOTE - THIS IS AN AVIATION SAFETY ACTION MESSAGE ISSUED IAW AR 95-1, CHAPTER 6, 1 SEP 97. 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 TRANSMISSION TO CDR, AMCOM, ATTN: AMSAM-SF-A (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 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 - SAME AS PARA 1A. AIRCRAFT WILL NOT BE RELEASED UNTIL COMPLIANCE WITH THIS ASAM HAS BEEN COMPLETED.
- D. AIRCRAFT IN TRANSIT -
  - (1) SURFACE/AIR SHIPMENT - SAME AS PARA 1A.
  - (2) FERRY STATUS - SAME AS PARA 1A.

E. MAINTENANCE TRAINERS - N/A.

F. COMPONENT/PARTS IN STOCK AT ALL LEVELS (DEPOT AND OTHERS) INCLUDING WAR RESERVES - UPON RECEIPT OF THIS MESSAGE THE MATERIAL CONDITION TAGS OF ALL ITEMS IN ALL CONDITION CODES LISTED IN PARAGRAPH 7 SHALL BE ANNOTATED TO READ "UH-1-98-ASAM-03 (TB 1-1520-210-20-40) T/R CONTROL TUBE INSPECTION NOT COMPLIED WITH."

(1) WHOLESALE STOCK - REPORT RECEIPT OF THIS MESSAGE IAW PARAGRAPH 14C(1). UPON RECEIPT OF THIS MESSAGE ALL SERVICEABLE ITEMS (CONDITION CODES //A//, //B//, //C//, //D//, AND //E//) LISTED IN PARAGRAPH 7 LOCATED IN WHOLESALE DEPOT STORAGE SHALL BE PLACED IN CONDITION CODE //J// AND TAGGED WITH A SUSPENDED TAG/LABEL - MATERIAL, DD FORM 1576/DD FORM 1576-1. DO NOT REMOVE ORIGINAL CONDITION TAGS. REPORT COMPLIANCE WITH THIS MESSAGE IAW PARAGRAPH 14D(1).

(2) RETAIL STOCK - REPORTING RECEIPT OF THIS MESSAGE IS NOT REQUIRED. UPON RECEIPT OF THIS MESSAGE COMMANDERS AND OTHERS MAINTAINING RETAIL STOCK AT INSTALLATION LEVEL AND BELOW SHALL CONTACT THE SUPPORTED AVIATION UNIT TO PERFORM THE INSPECTION REQUIRED BY PARAGRAPH 8 AND THE CORRECTION PROCEDURES OF PARAGRAPH 9 ON DISCREPANT MATERIEL. DISPOSITION OF DISCREPANT MATERIEL WILL BE IAW PARAGRAPH 10. REPORTING COMPLIANCE WITH THIS MESSAGE IS NOT REQUIRED.

G. COMPONENTS/PARTS IN WORK (DEPOT LEVEL AND OTHERS) - ITEMS LISTED IN PARAGRAPH 7 IN WORK WILL NOT BE ISSUED UNTIL COMPLIANCE WITH THIS MESSAGE IS COMPLETE.

#### **Task/Inspection Suspense Date**

- AT NEXT PHASE INSPECTION OR

BY 31 DEC 1998, WHICHEVER OCCURS FIRST.

#### **Reporting Compliance Suspense Date**

- NO LATER THAN 15 APR 98

PER PARA 14A OF THIS MESSAGE.

#### **Summary of Problem**

A. THE UH-1 TAIL ROTOR CONTROL TUBE, PART NUMBER 204-010-742-9, IS A FLIGHT SAFETY PART WHICH HAS BEEN UNDERGOING FATIGUE TESTING TO ENSURE THAT ALL VENDORS PARTS MEET THE STRENGTH REQUIREMENTS OF THE ORIGINALLY QUALIFIED DESIGN. EVALUATION OF TEST DATA HAS SHOWN THAT PARTS MANUFACTURED BY MASTER SWAGING (CAGE 05056) DO NOT CONFORM TO THE DRAWING REQUIREMENTS. THESE PARTS WILL BE REMOVED FROM SERVICE. ALTHOUGH TESTING OF SOME VENDORS IS CURRENTLY ON GOING, NOT ALL VENDORS PARTS WILL BE TESTED. ONLY VENDORS WHO HAVE EITHER PASSED TESTING OR ARE CURRENTLY IN TESTING SHALL REMAIN IN SERVICE.

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

C. THE PURPOSE OF THIS MESSAGE IS TO REQUIRE A ONE-TIME MANDATORY INSPECTION OF ALL TAIL ROTOR CONTROL TUBES.

#### **End Items To Be Inspected**

- ALL UH-1 SERIES AIRCRAFT.

#### **Assembly Components to be Inspected**

- N/A

## Parts to be Inspected

NOMENCLATURE	PART NO.	NSN
CONTROL TUBE, T/R	204-010-742-9	1615-00-886-5998

## Inspection Procedures

A. AT THE NEXT SCHEDULED PHASE MAINTENANCE INSPECTION OR NLT FIGURE 145, ITEM 40) IAW NORMAL MAINTENANCE PROCEDURES OF TM 55-1520-210-23. NEAR THE CENTER OF THE TUBE SECTION OF THE PART, IDENTIFY THE FIVE DIGIT MANUFACTURERS CAGE CODE.

### NOTE

MANY PARTS WILL HAVE TWO DIFFERENT FIVE DIGIT CODES MARKED ON THE PART. THE FIVE DIGIT CODE 81996 IS NOT THE MANUFACTURERS CAGE CODE. IF FOUND, THE NUMBER 81996 IDENTIFIES THE PART AS HAVING BEEN MADE IAW A GOVERNMENT TDP. USE THE OTHER FIVE-DIGIT CODE.

B. IF THE MANUFACTURERS CAGE CODE ON THE CONTROL TUBE IS 58822, 22524, 27604, OR 97499 PROCEED WITH THE CORRECTION PROCEDURES IN PARAGRAPH 9A.

C. IF THE MANUFACTURERS CAGE CODE ON THE CONTROL TUBE IS 05056, OR ANYTHING OTHER THAN THE FOUR CAGE CODES IDENTIFIED IN PARAGRAPH 8B, OR THE CAGE CODE CANNOT BE DETERMINED PROCEED WITH THE CORRECTION PROCEDURES IN PARAGRAPH 9B.

## Correction Procedures

A. FOR CONTROL TUBES WITH CAGE CODE 58822, 22524, 27604, OR 97499 REINSTALL IAW NORMAL MAINTENANCE PROCEDURES AND ANNOTATE THE DA FORM 2408-15 WITH THE FOLLOWING STATEMENT: "COMPLIANCE WITH ASAM UH-1-98-ASAM-03 (TB 1-1520-210-20-40) COMPLETED, TAIL ROTOR CONTROL TUBE WITH CAGE CODE (ENTER APPROPRIATE CAGE CODE) INSTALLED."

### NOTE

NO LATER THAN FEB 99, AMCOM WILL TRANSMIT A FOLLOW-UP ASAM ON THE UH-1 T/R CONTROL TUBE IN ORDER TO REPORT THE RESULTS OF THE ON-GOING FATIGUE TESTING. IN ORDER TO PREVENT A FUTURE INSPECTION, IT IS IMPORTANT TO CAREFULLY DOCUMENT THE RESULTS OF THIS ASAM INSPECTION AND ANY OTHER T/R CONTROL TUBE MAINTENANCE ACTION UNTIL THE FOLLOW-UP ASAM IS TRANSMITTED.

B. FOR CONTROL TUBES WITH CAGE CODE 05056, OR ANYTHING OTHER THAN THOSE LISTED IN PARAGRAPH 8B, OR WHERE THE CAGE CODE CANNOT BE DETERMINED, REMOVE THE CONTROL TUBE FROM SERVICE AND DISPOSE OF IAW PARAGRAPH 100. INSTALL A SERVICEABLE PART IAW TM 55-1520-210-23. ANNOTATE THE DA FORM 2408-15 WITH THE FOLLOWING STATEMENT: "COMPLIANCE WITH ASAM UH-1-98-ASAM-03 (TB 1-1520-210-20-40) COMPLETED, TAIL ROTOR CONTROL TUBE WITH CAGE CODE (ENTER APPROPRIATE CAGE CODE) INSTALLED."

## Supply/Parts and Disposition

- A. PARTS REQUIRED - ITEMS CITED IN PARAGRAPH 7 MAY BE REQUIRED TO REPLACE DEFECTIVE ITEMS.
- B. REQUISITIONING INSTRUCTIONS - REQUISITION REPLACEMENT PARTS USING NORMAL SUPPLY PROCEDURES. ALL REQUISITIONS SHALL USE PROJECT CODE (CC 57-59) "XDV" X-RAY-DELTA-VICTOR.
- NOTE
- PROJECT CODE "XDV" IS REQUIRED TO TRACK AND ESTABLISH A DATA BASE OF STOCK FUND EXPENDITURES INCURRED BY THE FIELD AS A RESULT OF ASAM ACTIONS.
- C. BULK AND CONSUMABLE MATERIALS - N/A.
- D. DISPOSITION - DEMILITARIZE/MUTILATE IAW TM 1-1500-328-23 ANY PART/COMPONENT WHICH DOES NOT MEET INSPECTION CRITERIA.
- E. DISPOSITION OF HAZARDOUS MATERIAL - N/A.

### Special Tools and Fixtures Required

- N/A.

### Application

- A. CATEGORY OF MAINTENANCE - AVUM. AIRCRAFT DOWNTIME WILL BE CHARGED TO AVUM.
- B. ESTIMATED TIME REQUIRED -  
 (1) TOTAL OF 2.5 MAN-HOURS USING 2 PERSONS.  
 (2) TOTAL OF 3 HOURS DOWNTIME FOR ONE END ITEM.
- C. ESTIMATED COST IMPACT TO THE FIELD -
- | NOMENCLATURE              | PART NO./NSN     | QTY | COST EA. | TOTAL \$ |
|---------------------------|------------------|-----|----------|----------|
| CONTROL TUBE              | 204-010-742-9    |     |          |          |
|                           | 1615-00-886-5998 | 1   | \$136.00 | \$136.00 |
| TOTAL COST PER AIRCRAFT = |                  |     |          | \$136.00 |
- D. TB/MNOS 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 55-1520-210-23.  
 B. TM 55-1520-210-23P.  
 C. TM 1-1500-328-23.

### Recording and Reporting Requirements

- A. REPORTING COMPLIANCE SUSPENSE DATE (AIRCRAFT) - IAW AR 95-1 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 CDR, AMCON, ATTN: AMSAM-SF-A (SOF COMPLIANCE OFFICER), REDSTONE ARSENAL, AL 35898-5222. DATAFAX NUMBER IS DSN 897-2111 OR (256) 313-2111. E-MAIL ADDRESS IS "SAFEACM@REDSTONE.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. TASK/INSPECTION REPORTING SUSPENSE DATE (AIRCRAFT) - N/A
- C. REPORTING MESSAGE RECEIPT (SPARES) -  
 (1) MATERIEL IN WHOLESALE DEPOT STORAGE - REPORT RECEIPT OF THIS MESSAGE BY E-MAIL OR DATAFAX TO THE WHOLESALE MATERIEL