UNCLASSIFIED

MSG Dtg 0700302 DEC 01

FROM CORAMCOM, REDSTONE ARSENAL, AL /AMSAM-SF-A/

SUBJECT - SAFETY OF FLIGHT, TECHNICAL, RCS CSDL-1860(R1), UH-1 SERIES AIRCRAFT, INSPECTION OF ROTOR CONTROLS PARTS KIT, UH-1-02-01 (TB 1-1520-210-20-58). NOTE

THIS MESSAGE PROVIDES SUPPLEMENTAL INSPECTION PROCEDURES TO UH-1-01-06 (TB 1-1520-210-20-56/TB 1-1520-210-20-57).

NOTE

THIS MESSAGE IS ISSUED IAW AR 95-1, 1 SEP 97, CHAPTER 6. 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 ADDRESSEES WILL IMMEDIATELY VERIFY THIS TRANSMISSION TO COR, ANCOM, ATTN: AMSAM-SF-A (SOF COMPLIANCE OFFICER).

1. PRIORITY CLASSIFICATION -

NOTE

IAW AR 95-1, PARAGRAPH 6-6A, MACOM COMMANDERS MAY AUTHORIZE TEMPORARY EXCEPTION FROM MESSAGE REQUIREMENTS. EXCEPTION MAY ONLY OCCUR WHEN COMBAT OPERATIONS OR MATTER OF LIFE OR DEATH IN CIVIL DISASTERS OR OTHER EMERGENCIES ARE SO URGENT THAT THEY OVERRIDE THE CONSEQUENCES OF CONTINUED AIRCRAFT OPERATION.


B. AIRCRAFT IN MAINTENANCE -

(1) AIRCRAFT IN AVAM, AVIM OR DEPOT LEVEL MAINTENANCE - COMMANDERS AND FACILITY MANAGERS WILL NOT ISSUE AIRCRAFT UNTIL THEY ARE IN COMPLIANCE WITH THIS MESSAGE.

(2) AIRCRAFT AT CONTRACTOR FACILITY - U.S. HELICOPTERS WILL INSPECT DD 250 AIRCRAFT PRIOR TO THOSE AIRCRAFT DEPARTING FOR FERRY TO FINAL DESTINATION.

C. AIRCRAFT IN TRANSIT -

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

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

D. MAINTENANCE TRAINERS (CATEGORY A AND B) - N/A.

E. COMPONENT/PARTS IN STOCK AT ALL LEVELS (DEPOT AND OTHERS) INCLUDING WAR RESERVES - UPON RECEIPT OF THIS MESSAGE, COMMANDERS WILL ENSURE THE MATERIAL CONDITION TAGS OF ALL ITEMS IN PARA. 7 ARE ANNOTATED TO READ: UH-1-02-01 (TB 1-1520-210-20-58), ROTOR CONTROLS PARTS KIT, NOT COMPLIED WITH.

(1) WHOLESALE STOCK - N/A.

(2) RETAIL STOCK - UPON RECEIPT OF THIS MESSAGE, COMMANDERS AND FACILITY MANAGERS MAINTAINING RETAIL STOCK AT INSTALLATION LEVEL AND BELOW SHALL CONTACT THE SUPPORTED AVIATION UNIT TO PERFORM THE PROCEDURES REQUIRED IAW PARAGRAPHS 8 AND 9 ON SUSPECT MATERIAL. DISPOSE OF DISCREPANT MATERIAL IAW PARA. 10D.

F. COMPONENT/PARTS IN WORK (DEPOT LEVEL AND OTHERS) - N/A.


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4. SUMMARY OF PROBLEM -
   A. SAFETY OF FLIGHT MESSAGE UN-1-01-06 (TB 1-1520-210-20-56/TB 1-1520-210-20-57) SPECIFIED THAT BOLTS CONTAINED IN THE ROTOR CONTROLS PARTS KIT ARE PERMANENTLY MARKED WITH A SERIAL NUMBER ON ONE OF THE WRENCHING FLATS. PERMANENT MARKINGS ARE IMPRESSED (ETCHED) INTO THE SURFACE OF THE WRENCHING FLAT.
   DURING COMPLIANCE WITH UN-1-01-06 (TB 1-1520-210-20-56/TB 1-1520-210-20-57), UNITS DISCOVERED THAT SOME BOLT KITS HAVE SERIAL NUMBERS THAT WERE INK STAMPED ON THE WRENCHING FLAT, WHICH ARE NOT CONSIDERED PERMANENTLY MARKED. AMCOM ENGINEERING HAS APPROVED THE INTERIM USE OF KITS WITH INK STAMPED SERIAL NUMBERS UNTIL THEY ARE REPLACED WITH PERMANENT (ETCHED) SERIALIZED KITS.
   ADDITIONALLY, BOLTS WERE DISCOVERED WITHOUT THE REQUIRED COTTER PIN HOLES.
   B. MANPOWER/DOWNTIME AND FUNDING IMPACTS - SEE PARA 12.
   C. THE PURPOSE OF THIS MESSAGE IS TO -
      (1) REQUIRE INSPECTION OF BOLT KITS TO DETERMINE THE METHOD USED TO MARK THE SERIAL NUMBERS (ETCHED OR INK STAMP).
      (2) ALLOW THE INTERIM INSTALLATION/USE OF INK STAMPED BOLT KITS UNTIL 31 OCT 02.
      (3) VERIFY PRESENCE OF THE COTTER PIN HOLE IN REPLACEMENT BOLT KITS.
5. END ITEMS TO BE INSPECTED - ALL UN-1 SERIES AIRCRAFT.
6. ASSEMBLY COMPONENTS TO BE INSPECTED - N/A.
7. PARTS TO BE INSPECTED -
   Nomenclature: PART NO. NSN
   ROTOR CONTROLS PARTS KIT 204-1629-2 1615-00-225-5111
8. INSPECTION PROCEDURES -
   A. CONDUCT RECORD CHECK OF DA FORM 2408-15 TO ENSURE COMPLIANCE WITH SAFETY OF FLIGHT UN-1-01-06 (TB 1-1520-210-20-56/TB 1-1520-210-20-57) PRIOR TO COMPLETION OF THE INSPECTION REQUIREMENTS OF THIS SOF.
   B. GAIN ACCESS TO INSTALLED ROTOR CONTROLS PARTS KIT.
   NOTE
   SOME BOLTS MAY BE PAINTED. IT MAY BE NECESSARY TO REMOVE PAINT TO READ THE SERIAL NUMBERS ON THE BOLTS. INSPECTION OF ONLY ONE BOLT IS SUFFICIENT TO DETERMINE METHOD OF SERIAL NUMBER MARKING FOR THE ENTIRE KIT.
   C. INSPECT INSTALLED BOLT TO DETERMINE THE METHOD USED TO MARK THE SERIAL NUMBER ON THE WRENCHING FLATS OF THE BOLT.
      (1) IF SERIAL NUMBER IS PERMANENTLY MARKED (ETCHED), THE AIRCRAFT INSPECTION IS COMPLETE. CLEAR THE RED DASH /// Entry FROM PARAGRAPH 1A.
      (2) IF SERIAL NUMBER IS INK STAMPED, PERFORM CORRECTION PROCEDURES IN PARAGRAPH 9.
      (3) IF SERIAL NUMBER CANNOT BE FOUND, PERFORM ADDITIONAL RECORDS CHECK OF DA FORMS 2408-13-1 AND 2408-13-2 USED FOR THE INSTALLATION OF BOLT KIT IAW UN-1-01-06. IF THE RECORDS CANNOT VERIFY THAT A TECHNICAL INSPECTOR CONFIRMED THE INSTALLATION OF THE SPECIFIC UNMARKED BOLT(S) REPLACE THE BOLT KIT IAW PARA. 9B.
   D. INSPECT REPLACEMENT ROTOR CONTROLS PARTS KITS IN SUPPLY
   AS FOLLOWS -
   NOTE
   DO NOT OPEN THE SHRINK WRAP. THIS INSPECTION MAY BE COMPLETED BY VIEWING THE PARTS THROUGH THE CLEAR


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1. INSPECT THE BOLTS FOR THE PRESENCE OF COTTER PIN HOLES. IF THE COTTER PIN HOLE IS MISSING, THE ENTIRE KIT IS UNSERVICEABLE. DISPOSE OF IAW PARAGRAPH 10D.  

NOTE

PARTS KITS WITH INK STAMPED SERIAL NUMBERS MAY NOT BE ISSUED/USED AFTER 31 OCT 02. DISPOSE OF DISCARDANT PARTS IAW PARAGRAPH 10D.

(2) INSPECT FOR PERMANENT (ETCHED) SERIAL NUMBERS ON THE WRENCHING FLATS.

(A) IF THE BOLT SERIAL NUMBER IS PERMANENTLY MARKED (ETCHED), THE INSPECTION IS COMPLETE.

(B) IF THE BOLT SERIAL NUMBER IS ETCHED, USE A PERMANENT MARKER TO MARK THE KIT PACKAGING (SHRINK WRAP) WITH "DESTROY AFTER 31 OCT 02" BEFORE RETURNING TO RETAIL STOCK. INK STAMPED KITS MAY BE USED ON AN INTERIM BASIS IAW PARAGRAPH 9.

9. CORRECTION PROCEDURES - WARNING

THE ROTOR CONTROLS PARTS KIT, P/N 204-1629-2, MUST BE REPLACED AS A KIT WITH ALL BOLTS HAVING THE SAME SERIAL NUMBER. REPLACEMENT OF INDIVIDUAL BOLTS WITHIN THE KIT IS NOT AUTHORIZED.


B. IF THE RECORDS CANNOT VERIFY THAT A TECHNICAL INSPECTOR CONFIRMED THE INSTALLATION OF THE SPECIFIC UNMARKED BOLT(S), ENTER A RED \\ / / STATUS SYMBOL WITH THE FOLLOWING STATEMENT: "ROTOR CONTROLS PARTS KIT REQUIRES REPLACEMENT IAW NH-1-02-01 (TB 1-1520-210-20-58)."

C. ROTOR CONTROLS PARTS KITS IN SUPPLY THAT HAVE INK STAMPED SERIAL NUMBERS MAY BE USED TO REPLACE UNSERVICEABLE KITS ONLY AS AN INTERIM MEASURE. COMPLY WITH PROCEDURES IAW PARAGRAPH 9A.

10. SUPPLY/PARTS AND DISPOSITION -  
A. PARTS REQUIRED - ITEMS CITED IN PARAGRAPHS 12C 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) "X10" (X-RAY-ONE-ZERO).

NOTE

PROJECT CODE "X10" IS REQUIRED TO TRACK AND ESTABLISH A DATA BASE OF STOCK FUND EXPENDITURES INCURRED BY THE FIELD AS A RESULT OF MESSAGE ACTIONS.

C. BULK AND CONSUMABLE MATERIALS - N/A

D. DISPOSITION - DEMILITARIZE/WITELATE IAW TM 1-1500-328-23

ANY PART/COMPONENT WHICH DOES NOT MEET INSPECTION CRITERIA.

E. DISPOSITION OF HAZARDOUS MATERIAL - IAW ENVIRONMENTAL PROTECTION AGENCY DIRECTIVES AS IMPLEMENTED BY YOUR SERVICING ENVIRONMENTAL COORDINATOR (AR 200-1).

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

12. APPLICATION -  
A. CATEGORY OF MAINTENANCE - AVAM. AIRCRAFT DOWNTIME WILL BE CHARGED TO AVAM. REPORT AIRCRAFT NON-MISSION CAPABLE MAINTENANCE (NMC) WHILE UNDERGOING INSPECTION AND CORRECTION IAW THIS MESSAGE.

B. ESTIMATED TIME REQUIRED -  
(1) TIME TO COMPLETE INSPECTION - TOTAL OF 1 MAN-HOUR

http://www.redstone.army.mil/sof/sofmag/uhl/0201.sof

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USING 1 PERSON.

(2) TIME FOR REPAIR/REPLACEMENT -
A. TOTAL OF 4 MAN-HOURS USING 1 PERSON.
B. TOTAL OF 4 HOURS DOWN TIME FOR ONE END ITEM.

C. ESTIMATED COST IMPACT TO THE FIELD -
NOMENCLATURE: PART NO./SNS QTY COST EA. TOTAL $
PARTS KIT: 204-1629-2 1 $442.53 $442.53
MOTOR CONTROLS: 1615-00-225-5111
TOTAL COST PER AIRCRAFT = $442.53

D. TB/MMGS TO BE APPLIED PRIOR TO OR CONCURRENTLY WITH THIS
E. PUBLICATIONS WHICH REQUIRE CHANGE AS A RESULT OF THIS
INSPECTION - N/A.

13. REFERENCES -
A. DA PAM 738-751, 15 MAR 99.
B. TM 55-1520-210-23-1.
C. TM 55-1520-210-23P-1.
D. TM 1-1500-328-23.

14. RECORDING AND REPORTING REQUIREMENTS -
A. AIRCRAFT -

(1) REPORTING COMPLIANCE SUSPENSE - UPON ENTERING
REQUIREMENTS OF THIS MESSAGE ON DA FORM 2408-13-1 FOR ALL
EFFECTED AIRCRAFT, COMMANDERS WILL FORWARD A PRIORITY MESSAGE,
DATAPAX OR E-MAIL TO CDR, ARCON. ATTN: AMSAM-SP-A (SOF
COMPILATION OFFICER), REDSTONE ARSENAL, AL 35898-5000, IAM AR
95-1, NLT DATE SPECIFIED IN PARAGRAPH 3. DATAPAX NUMBER IS DSN
897-2111 OR (256) 313-2111. E-MAIL ADDRESS IS
"SAFEDAM@REDSTONE.AMY.MIL". THE REPORT WILL CITE THIS MESSAGE
AND TB NUMBER, DATE OF ENTRY IN DA FORM 2408-13-1, THE AIRCRAFT
MISSION DESIGN SERIES AND SERIAL NUMBERS OF AIRCRAFT IN NUMERICAL
ORDER.

(2) TASK/INSPECTION REPORTING SUSPENSE - NO SPECIAL
REPORT OF THE RESULTS OF THIS INSPECTION IS REQUIRED.
B. WHOLESALE SPARE PARTS/ASSEMBLIES - N/A.
C. RETAIL SPARE PARTS/ASSEMBLIES - N/A.
D. THE FOLLOWING FORMS ARE APPLICABLE AND ARE TO BE
COMPLETED IAM DA PAM 738-751, 15 MAR 99 -
NOTE: ULLS-A USERS WILL USE APPLICABLE "E" FORMS.
1. DA FORM 2408-13, AIRCRAFT STATUS INFORMATION
RECORD.
2. DA FORM 2408-13-1, AIRCRAFT INSPECTION AND
MAINTENANCE RECORD.
3. DA FORM 2408-15, HISTORICAL RECORD FOR AIRCRAFT.
4. DA FORM 2408-16, AIRCRAFT COMPONENT HISTORICAL
RECORD.
5. DA FORM 2410, COMPONENT REMOVAL AND REPAIR/OVERHAUL
RECORD (ONLY IF KIT IS REMOVED/REPLACED, FOR LOCAL USE ONLY).
6. DD FORM 1577/DD FORM 1577-1, UNSERVICEABLE
(CONDEMNED) TAG/LABEL - MATERIAL (COLOR RED). ANNOTATE REMARKS
BLOCK WITH "CONDEMNED IAM UN-1-01-06 (TB 1-1520-210-20-56/TB 1-
1520-210-20-57) AND MITIGATED IAM TM 1-1500-328-23.*
15. WEIGHT AND BALANCE - N/A.
16. POINTS OF CONTACT -
A. TECHNICAL POINT OF CONTACT FOR THIS MESSAGE IS MR. RALPH
VEMMER, AMSAM-SP-AE-I-D-0, DSN 897-2350 EXT. 9719 OR (256) 705-
9719, DATAPAX IS (256) 705-9896. E-MAIL IS
"RALPH.VEMMER@REDSTONE.AMY.MIL".
B. LOGISTICAL POINT OF CONTACT FOR THIS MESSAGE IS MR.
HOWARD REEVES, AMSAM-DSA-CH-U, DSN 645-0624 OR (256) 955-0624,
DATAFAX IS DSN 897-3805 OR (256) 313-3805. EMAIL IS
"HOWARD.REEVES@REDSTONE.ARMY.MIL".

C. WHOLESALE MATERIEL POINT OF CONTACT (SPARES) IS MS SANDY
MOORE, DEFENSE SUPPLY CENTER RICHMOND (DSCR), DSN 695-3252 OR
(804) 279-3252, DATAFAX IS DSN 695-5695. EMAIL IS
SIMOORE@DSCR.DLA.MIL".

D. FORMS AND RECORDS POINT OF CONTACT FOR THIS MESSAGE IS
MS. ANN WALDECK, AMSAM-MMC-HA-RM, DSN 746-5564 OR (256) 876-5564.
DATAFAX IS DSN 746-4904 OR (256) 876-4904. EMAIL IS
"ANN.WALDECK@REDSTONE.ARMY.MIL".

E. SAFETY POINTS OF CONTACT ARE -
(1) PRIMARY - MR. RANDALL RUSHING, (SAIC), AMSAM-SF-A,
DSN 897-2092 OR (256) 313-2092, DATAFAX IS DSN 897-2111 OR (256)
313-2111. EMAIL IS "RANDALL.RUSHING@REDSTONE.ARMY.MIL".
(2) ALTERNATE - MR. SIGNY HERNANDEZ, AMSAM-SF-A, DSN
897-2094 OR (256) 313-2094, DATAFAX IS DSN 897-2111 OR (256) 313-
2111. EMAIL IS "SIGNY.HERNANDEZ@REDSTONE.ARMY.MIL".

F. FOREIGN MILITARY SALES RECIPIENTS REQUIRING
CLARIFICATION OF ACTION ADVISED BY THIS MESSAGE SHOULD CONTACT
(1) PRIMARY - MR. RONNIE W. SAMMONS, AMSAM-SA-SC-NF, DSN
897-6856 OR (256) 313-6856. DATAFAX IS DSN 897-6630 OR (256)
313-6630. EMAIL IS "RONNIE.SAMMONS@REDSTONE.ARMY.MIL".
(2) ALTERNATE - MR. PAUL W. TARR, AMSAM-SA-SC-NF, DSN
897-6861 OR (256) 313-6861. DATAFAX IS DSN 897-6630 OR (256)
313-6630. EMAIL IS "PAUL.TARR@REDSTONE.ARMY.MIL".

G. AFTER HOURS CONTACT THE AMCOM COMMAND OPERATIONS CENTER
(COC) DSN 897-2066/7 OR (256) 313-2066/7.