

*SOI
UH-1-02-01
Rotor a/c control bolts
Supplemental info
to UH-1-01-06*

UNCLASSIFIED

MSG DTG 070030Z DEC 01

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

SUBJECT - SAFETY OF FLIGHT, TECHNICAL, RCS CSGLD-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 CDR, AMCOM, 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.

A. AIRCRAFT IN USE - UPON RECEIPT OF THIS MESSAGE, MAKE THE FOLLOWING ENTRY ON THE DA FORM 2408-13-1. ENTER A RED HORIZONTAL DASH // - // STATUS SYMBOL WITH THE FOLLOWING STATEMENT: "INSPECT ROTOR CONTROLS PARTS KIT IAW UH-1-02-01 (TB 1-1520-210-20-58) NLT 21 DEC 2001." CLEAR THE RED HORIZONTAL DASH // - // ENTRY WHEN THE PROCEDURES IAW PARA 8 ARE COMPLETED. THE AFFECTED AIRCRAFT SHALL BE INSPECTED AS SOON AS PRACTICAL BUT NO LATER THAN 21 DEC 2001. COMMANDERS WHO ARE UNABLE TO COMPLY WITH THE REQUIREMENTS OF THIS MESSAGE WITHIN THE TIME FRAME SPECIFIED WILL UPGRADE THE AFFECTED AIRCRAFT STATUS SYMBOL TO A RED //X//.

B. AIRCRAFT IN MAINTENANCE -

(1) AIRCRAFT IN AVUM, 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 MATERIEL 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 MATERIEL. DISPOSE OF DISCREPANT MATERIEL IAW PARA. 10D.

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

2. TASK/INSPECTION SUSPENSE DATE - COMPLETE THE INSPECTION IAW PARAGRAPH 8 MLT 21 DEC 2001.

3. TAMMS REPORTING COMPLIANCE SUSPENSE DATE - REPORT TAMMS COMPLIANCE IAW PARA 14A(1) 13 DEC 2001.

4. SUMMARY OF PROBLEM -

A. SAFETY OF FLIGHT MESSAGE UH-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 UH-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 FLATS, 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 UH-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 RECORDS CHECK OF DA FORM 2408-15 TO ENSURE COMPLIANCE WITH SAFETY OF FLIGHT UH-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 UH-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

WRAPPING.

(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 DISCREPANT 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 INK STAMPED, 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.

A. IF THE SERIAL NUMBERS WERE INK STAMPED, MAKE THE FOLLOWING ENTRY ON THE DA FORM 2408-13-1: ENTER A RED DIAGONAL \\/\ STATUS SYMBOL WITH THE FOLLOWING STATEMENT: "ROTOR CONTROLS PARTS KIT REQUIRES REPLACEMENT IAW UH-1-02-01 (TB 1-1520-210-20-58) NLT 31 OCT 02."

B. IF THE RECORDS CANNOT VERIFY THAT A TECHNICAL INSPECTOR CONFIRMED THE INSTALLATION OF THE SPECIFIC UNMARKED BOLT(S), ENTER A RED \\X\ STATUS SYMBOL WITH THE FOLLOWING STATEMENT: "ROTOR CONTROLS PARTS KIT REQUIRES REPLACEMENT IAW UH-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/MUTILATE 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 - AVUM. AIRCRAFT DOWNTIME WILL BE CHARGED TO AVUM. REPORT AIRCRAFT NON-MISSION CAPABLE MAINTENANCE (NMCM) WHILE UNDERGOING INSPECTION AND CORRECTION IAW THIS MESSAGE.

B. ESTIMATED TIME REQUIRED -

(1) TIME TO COMPLETE INSPECTION - TOTAL OF 1 MAN-HOUR

USING 1 PERSON.

(2) TIME FOR REPAIR/REPLACEMENT -

(A) TOTAL OF 4 MAN-HOURS USING 1 PERSON.

(B) TOTAL OF 4 HOURS DOWNTIME FOR ONE END ITEM.

C. ESTIMATED COST IMPACT TO THE FIELD -

NOMENCLATURE	PART NO./NSN	QTY	COST EA.	TOTAL \$
PARTS KIT,	204-1629-2	1	8442.53	8442.53
ROTOR CONTROLS	1615-00-225-5111			

TOTAL COST PER AIRCRAFT = \$442.53

D. TB/MMOS TO BE APPLIED PRIOR TO OR CONCURRENTLY WITH THIS INSPECTION - TB 1-1520-210-20-56/TB 1-1520-210-20-57 (UH-1-01-06).

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 55-1520-210-23F-1.

D. TM 1-1500-328-23.

E. UH-1-01-06 (TB 1-1520-210-20-56/TB 1-1520-210-20-57).

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, DATAFAX OR E-MAIL TO CDR, AMCOM, ATTN: AMSAM-SF-A (SOF COMPLIANCE OFFICER), REDSTONE ARSENAL, AL 35898-5000, IAW AR 95-1, NLT DATE SPECIFIED IN PARAGRAPH 3. DATAFAX NUMBER IS DSN 897-2111 OR (256) 313-2111. E-MAIL ADDRESS IS "SAFEADM@REDSTONE.ARMY.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 IAW 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 - MATERIEL (COLOR RED). ANNOTATE REMARKS BLOCK WITH "CONDEMNED IAW UH-1-01-06 (TB 1-1520-210-20-56/TB 1-1520-210-20-57) AND MUTILATED IAW 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-SD-AE-I-D-O, DSN 897-2350 EXT. 9719 OR (256) 705-9719, DATAFAX IS (256) 705-9896. E-MAIL IS "RALPH.VEMMER@DEC.REDSTONE.ARMY.MIL".

B. LOGISTICAL POINT OF CONTACT FOR THIS MESSAGE IS MR. HOWARD REEVES, AMSAM-DSA-DE-U, DSN 645-0624 OR (256) 955-0624, DATAFAX IS DSN 897-3805 OR (256) 313-3805. EMAIL IS "HOWARD.REEVES@UR.REDBSTONE.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. E-MAIL IS SRMOORE@DSCR.DLA.MIL".

D. FORMS AND RECORDS POINT OF CONTACT FOR THIS MESSAGE IS MS. ANN WALDECK, AMSAM-MMC-MA-NM, DSN 746-5564 OR (256) 876-5564. DATAFAX IS DSN 746-4904 OR (256) 876-4904. E-MAIL 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. SIGNEY HERNANDEZ, AMSAM-SF-A, DSN 897-2094 OR (256) 313-2094, DATAFAX IS DSN 897-2111 OR (256) 313-2111. EMAIL IS "SIGNEY.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-CS-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-CS-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.