

07 15 281724Z AGO 01 OO PP UUUU AA ZYUW

FROM
:CDRAMCOM REDSTONE ARSENAL AL//AMSAM-SF-A//
TO
:AIG 8881
:AIG 9004
:AIG 7515
:AIG 7471
:AIG 12124
:CRDATC ABERDEEN PROVING GROUND MD//CSTE-DTC-AT-WC-W//
:CDBSGAD RICHMOND KY//SIOBG-GC//
:RAYTHEON RANGE SYSTEMS ENGINEERING KWAJALEIN MH//PAT2//
:CHIEF ARMY AIR DIV BOLLAMAN AFB NM//CSTE-DTC-WS-NRO-F//
:USDOCC LANDSOUTHEAST IEMIR TU//AV//
:WALLOPS FLIGHT FACILITY NASA WALLOPS ISLAND VA//
: CODE 831.2 AIRCRAFT QR//
INFO
:CDRMCW WASHINGTON DC//ANLG-LS//
:FBI WASHINGTON DC//ISD ASOG AVIATION//
:FAA SOUTHWEST RGN HQ FORT WORTH TX//ASW-100//
:CGUSASMDC ARLINGTON VA//CS8D/ZA//

XMT

:

ACCT

:

TEXT

:UNCLAS

SUBJECT - SAFETY OF FLIGHT, TECHNICAL, RCS CSGLD-1860(R1), ALL UH-1
SERIES AIRCRAFT, ONE TIME INSPECTION OF ROTOR CONTROLS PARTS KIT,
UH-1-01-06 (TB 1-1520-210-20-56).

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, 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.

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-1-01-06 (TB 1-1520-210-20-56) WITHIN THE NEXT 10 FLIGHT HOURS, BUT NLT 27 SEP 2001." CLEAR THE RED HORIZONTAL DASH // - // ENTRY WHEN THE PROCEDURES IAW PARA 8 AND 9 ARE COMPLETED. THE AFFECTED AIRCRAFT SHALL BE INSPECTED AS SOON AS PRACTICAL BUT NO LATER THAN 27 SEP 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

*UH-1-01-06
rotor control parts
kit*

THEY ARE IN COMPLIANCE WITH THIS MESSAGE.

(2) AIRCRAFT AT CONTRACTOR FACILITY - U.S. HELICOPTERS WILL INSPECT DO 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, DEPOT AND MATERIEL ACTIVITY COMMANDERS WILL ENSURE THE MATERIEL CONDITION TAGS OF ALL ITEMS IN ALL CONDITION CODES LISTED IN PARAGRAPHS 6 AND 7 ARE ANNOTATED TO READ: UH-1-01-06 (TB 1-1520-210-20-56), 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 PARAGRAPH 10.

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

2. TASK/INSPECTION SUSPENSE DATE - COMPLETE THE INSPECTION IAW PARAGRAPH 8 WITHIN THE NEXT 10 FLIGHT HOURS BUT NLT 27 SEP 2001.

3. TAMMS REPORTING COMPLIANCE SUSPENSE DATE - REPORT TAMMS COMPLIANCE IAW PARA 14A(1) NLT 31 AUG 2001.

4. SUMMARY OF PROBLEM -

A. AMCOM HAS RECEIVED INFORMATION WHICH INDICATES, IN SEVERAL INSTANCES, THAT THE INTEGRITY OF THE ROTOR CONTROLS PARTS KIT, P/N 204-1629-2, HAS BEEN COMPROMISED. THE ROTOR CONTROLS PARTS KIT IS A FLIGHT SAFETY PART THAT CONSISTS OF NINETEEN BOLTS (AN/NAS SPEC BOLTS), EACH SERIALIZED WITH THE SERIAL NUMBER OF THE KIT. THE BOLTS IN THIS KIT ARE REPLACED AS A KIT AND ARE NOT INTENDED TO BE REPLACED INDIVIDUALLY. INFORMATION HAS BEEN RECEIVED INDICATING THAT DAMAGED, WORN, OR OTHERWISE UNSERVICEABLE BOLTS WITHIN THE KIT ARE BEING REPLACED WITH COMMON AN/NAS BOLTS. ADDITIONALLY, INDIVIDUAL BOLTS ARE BEING BROKEN OUT OF ROTOR CONTROLS PARTS KITS TO REPLACE BOLTS ON THE AIRCRAFT. THIS NOT ONLY CREATES A PROBLEM WITH RECORD KEEPING, IT PREVENTS THE BROKEN OPEN KIT FROM BEING USED AS A COMPLETE KIT IN THE FUTURE.

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

C. THE PURPOSE OF THIS MESSAGE IS TO -

- (1) PERFORM A ONE TIME INSPECTION OF THE ROTOR CONTROLS PARTS KIT FOR UNSERIALIZED BOLTS AND/OR MIXED SERIAL NUMBERED BOLTS.
- (2) EMPHASIZE THE REQUIREMENT TO REPLACE ROTOR CONTROL BOLTS AS A KIT.

(3) PROVIDE INFORMATION CONCERNING INCORRECT PART NUMBER CALL OUTS IN THE TM 55-1520-210-23-1 AND TM 55-1520-210-23P-1 FOR THE ROTOR CONTROLS PARTS KIT.

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. GAIN ACCESS TO THE ROTOR CONTROLS PARTS KIT BOLTS. THE BOLT APPLICATIONS/IDENTIFICATION ARE AS FOLLOWS:

APPLICATION	PART NO.	QTY
MIXING LEVER TO SCISSORS TUBE	NAS1305-27D	2
UNIVERSAL TO MIXING LEVER	NAS1306-34D	2
PITCH LINK TO UNIVERSAL	NAS1306-27D	2

PITCH BORN TO PITCH LINK	NAS1306-32D	2
SCISSORS TUNE TO SCISSORS	NAS1305-27D	2
SCISSORS PIVOT	NAS46478-90	2
SCISSORS TO DRIVE LINK	NAS46478-69	2
CYCLIC TUBES TO SWASHPLATE	AS175-16	2
COLLECTIVE TUBE TO COLLECTIVE LEVER	AS175-16	1
DRIVE LINK TO SWASHPLATE	NAS1305-30D	2

NOTE

THE SERIAL NUMBERS ARE PERMANENTLY MARKED ON EACH BOLT IN THE ROTOR CONTROLS PARTS KIT OR ONE OF THE WRENCHING FLATS.

NOTE

SOME BOLTS MAY BE PAINTED. IT MAY BE NECESSARY TO REMOVE PAINT TO READ THE SERIAL NUMBERS ON THE BOLTS.

B. VISUALLY INSPECT EACH BOLT IN THE ROTOR CONTROLS PARTS KIT FOR THE PRESENCE OF SERIAL NUMBERS. RECORD ALL SERIAL NUMBERS FOUND.

C. REVIEW THE AIRCRAFT DA FORM 2408-16. RECORD THE SERIAL NUMBER OF THE ROTOR CONTROLS PARTS KIT ENTERED AND ASSURE THAT THE ENTRY REFLECTS A RETIREMENT LIFE OF 600 HOURS.

D. IF THE SERIAL NUMBERS ON ALL OF THE BOLTS ARE THE SAME AS THE SERIAL NUMBER LISTED FOR THE ROTOR CONTROLS PARTS KIT IN THE AIRCRAFT DA FORM 2408-16, AND THE 2408-16 ACCURATELY REFLECTS THE APPROPRIATE 600 HOUR LIFE FOR THE KIT, THE INSPECTION IS COMPLETE, PROCEED TO PARAGRAPH 9B.

E. ACCOMPLISH THE CORRECTION PROCEDURES OF PARAGRAPH 9 IF ANY OF THE FOLLOWING CONDITIONS EXISTS -

(1) ANY BOLT IN THE ROTOR CONTROLS PARTS KIT DOES NOT CONTAIN A SERIAL NUMBER.

(2) ALL BOLTS WITHIN THE INSTALLED ROTOR CONTROLS PARTS KIT DO NOT EXHIBIT THE SAME SERIAL NUMBER.

(3) THE SERIAL NUMBER RECORDED IN THE AIRCRAFT DA FORM 2408-16 DOES NOT MATCH THE SERIAL NUMBER OF THE INSTALLED ROTOR CONTROLS PARTS KIT.

(4) THE AIRCRAFT DA FORM 2408-16 DOES NOT ACCURATELY REFLECT THE 600 HOUR REPLACEMENT LIFE FOR THE ROTOR CONTROLS PARTS KIT.

9. CORRECTION PROCEDURES -

CAUTION

ROTOR CONTROLS PARTS KITS FROM OLDER CONTRACTS IN SUPPLY MAY NOT BE SERIALIZED. UNSERIALIZED KITS SHALL NOT BE USED. NEW ROTOR CONTROLS PARTS KITS ARE CONSIDERED SERVICEABLE ONLY IF THE KIT IS SERIALIZED AND ALL BOLTS IN THE KIT HAVE THE SAME SERIAL NUMBER.

WARNING

LOCAL PROCUREMENT OF FLIGHT SAFETY PARTS IS NOT AUTHORIZED. PROCURE REPLACEMENT PARTS THROUGH NORMAL SUPPLY CHANNELS.

NOTE

CONTROLLED EXCHANGE OF COMPLETE ROTOR CONTROLS PARTS KITS IS PERMITTED, HOWEVER, KIT MUST PASS INSPECTION REQUIREMENTS OF PARAGRAPH 8 AND NOT EXHIBIT EXCESSIVE WEAR OR DAMAGE TO BE CONSIDERED SERVICEABLE. CARE SHOULD BE TAKEN TO PROPERLY DOCUMENT ALL FORMS AND RECORDS WITH THE APPROPRIATE TIME CHANGE INFORMATION.

A. REPLACE ROTOR CONTROLS PARTS KITS THAT FAIL THE INSPECTION OF PARAGRAPH 8 WITH NEW/SERVICEABLE KITS FROM SUPPLY PER PROCEDURES OF TM 55-1520-210-23-1.

B. WHEN THE INSPECTION PROCEDURES OF PARAGRAPH 8 AND CORRECTION

PROCEDURES (IF REQUIRED) OF PARAGRAPH 9 ARE COMPLETED, THE RED HORIZONTAL DASH --- ENTRY WILL BE SIGNED OFF AND COMPLIANCE WITH THIS MESSAGE WILL BE ENTERED ON THE AIRCRAFT DA FORM 2408-15.

C. TM 55-1520-210-23-1, CHAPTER 5, WILL BE CHANGED TO INCLUDE THE FOLLOWING "WARNING" FOR EACH LOCATION THAT A ROTOR CONTROLS PARTS KIT BOLT IS REFERENCED -

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.

D. THE INFORMATION CONTAINED IN FIG. 1-15, TM 55-1520-210-23-1, CONTAINS SEVERAL ERRORS IN THE PART NUMBERS FOR THE ROTOR CONTROLS PARTS KIT. REFER TO PARA. 8A FOR CORRECT PART NUMBER INFORMATION.

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. REPORT AIRCRAFT NON-MISSION CAPABLE SUPPLY (NMCS) WHILE WAITING FOR PARTS IAW THIS MESSAGE.

B. ESTIMATED TIME REQUIRED -

(1) TIME TO COMPLETE INSPECTION - TOTAL OF 2 MAN-HOURS 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	\$22.66	\$22.66
ROTOR CONTROLS	1615-00-225-5111			

TOTAL COST PER AIRCRAFT = \$22.66

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 - TM 55-1520-210-23-1 AND TM 55-1520-210-23P-1 SHALL BE CHANGED TO REFLECT THIS MESSAGE. A COPY OF THIS MESSAGE SHALL BE INSERTED IN THE FRONT OF THE APPROPRIATE TM AS AUTHORITY TO IMPLEMENT THE CHANGE UNTIL THE PRINTED CHANGE IS RECEIVED.

13. REFERENCES -

A. DA FAM 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, DATAFAX OR E-MAIL TO CDR, AMCOM, ATTN: AMSAM-SF-A (SOF COMPLIANCE OFFICER), REDSTONE ARSENAL, AL 35898-5000, IAW AR 95-1, MLT 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 FAM 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).

(6) DO FORM 1577/DO FORM 1577-1, UNSERVICEABLE (CONDEMNED) TAG/LABEL - MATERIEL (COLOR RED). ANNOTATE REMARKS BLOCK WITH "CONDEMNED IAW US-1-01-06 (TB 1-1520-210-20-56) 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-RD-AE-I-D-U, DSN 645-0663 OR (256) 955-0663, DATAFAX IS (256) 313-3818. E-MAIL IS "RALPH.VEMMER@REDSTONE.ARMY.MIL".

B. LOGISTICAL POINT OF CONTACT FOR THIS MESSAGE IS MR. HOWARD REEVES, AMSAM-DSA-UH-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 MAJ SCOTT WAGGONER, DEFENSE SUPPLY CENTER RICHMOND (DSCR), DSN 695-6389 OR (804) 279-6389, DATAFAX IS DSN 695-5695. E-MAIL IS "SWAGGONER@DSCR.DLA.MIL".

D. FORMS AND RECORDS POINT OF CONTACT FOR THIS MESSAGE IS MS. ANN WALDECK, AMSAM-MMC-MA-MM, 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, FAX 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. ROBBIE W. SAMMONS, AMSAM-SA-CS-WF, DSN 897-6856 OR (256) 313-6856. DATAFAX IS DSN 897-6630 OR (256)