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UNCLASSIFIED

MSG DTG 191602Z MAR 02

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

SUBJECT - SAFETY OF FLIGHT TECHNICAL, RCS CSGLD-1860(R1), ALL UH-1 SERIES AIRCRAFT, INSPECTION AND IMPLEMENTATION OF 1000-HOUR RETIREMENT LIFE FOR THE COLLECTIVE LEVER ASSEMBLY, P/N 204-011-438-1, UH-1-02-03 (TB 1-1520-210-20-61)

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/6-14A, 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 COLLECTIVE LEVER ASSEMBLY IAW UH-1-02-03 PRIOR TO NEXT FLIGHT, BUT NLT 22 MAR 02." 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 22 MAR 02. 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 - SAME AS PARA 1A.
- (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 - SAME AS PARA 1A.
- (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 ALL CONDITION CODES LISTED IN PARAGRAPH 6 ARE ANNOTATED TO READ: "UH-1-02-03 (TB 1-1520-210-20-61) INSPECT COLLECTIVE LEVER ASSEMBLY, P/N 204-011-438-1, 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. REPORT COMPLIANCE WITH THIS MESSAGE IAW PARAGRAPH 14C(2) NLT 26 MAR 02.

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

AND OTHER MAINTENANCE ACTIVITY COMMANDERS WILL ENSURE ITEMS LISTED IN PARAGRAPH 6 NOT ISSUED UNTIL THEY ARE IN COMPLIANCE WITH THIS MESSAGE.

2. TASK/INSPECTION SUSPENSE DATE - COMPLETE THE INSPECTION IAW PARAGRAPH 8 PRIOR TO NEXT FLIGHT BUT NLT 22 MAR 02.
3. TAMMS REPORTING COMPLIANCE SUSPENSE DATE - REPORT COMPLIANCE IAW PARA 14A(1) NLT 26 MAR 02.
4. SUMMARY OF PROBLEM -

A. A RECENT FAILURE OF THE COLLECTIVE LEVER ASSEMBLY (ALSO KNOWN AS THE PYLON LEVER) P/N 204-011-438-1, OCCURRED ON A UH-1H IN TURKEY PRIOR TO THE PART REACHING THE 2400-HOUR RETIREMENT LIFE. BELL HELICOPTER TEXTRON, INCORPORATED (BHTI) INVESTIGATED THIS INCIDENT AND ISSUED MILITARY ALERT BULLETIN USA-UH-1H-02-65 TO REDUCE THE 2400 HOUR LIFE ON THIS PART TO A 1000 HOUR RETIREMENT LIFE. ACCORDING TO BHTI PERSONNEL, THE PART FAILED DUE TO FATIGUE AT 2375 HOURS. THE ARMY IS IMPLEMENTING A 1000-HOUR RETIREMENT LIFE ON THIS PART. COLLECTIVE/PYLON LEVER ASSEMBLY, P/N 212-010-403-5, HAS A 4800-HOUR RETIREMENT LIFE AND IS NOT AFFECTED BY THE REQUIREMENTS OF THIS MESSAGE.

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

C. THE PURPOSE OF THIS MESSAGE IS TO -

(A) REQUIRE INSPECTION OF ALL UH-1H/V COLLECTIVE/PYLON LEVER ASSEMBLIES IAW PARAGRAPH 8.

(B) ESTABLISH A 1000-HOUR RETIREMENT LIFE FOR COLLECTIVE/PYLON LEVER ASSEMBLY, P/N 204-011-438-1.

(C) REQUIRE CORRECTIVE PROCEDURES AND DISPOSITION INSTRUCTIONS IAW PARAGRAPHS 9 AND 10.

5. END ITEMS TO BE INSPECTED - ALL UH-1 SERIES AIRCRAFT.

6. ASSEMBLY COMPONENTS TO BE INSPECTED -

NOMENCLATURE	PART NO.	NSN
PYLON LEVER ASSEMBLY	204-011-438-1	1650-00-830-9754
PYLON LEVER ASSEMBLY	212-010-403-5	1615-00-471-5918

7. PARTS TO BE INSPECTED - N/A.

8. INSPECTION PROCEDURES -

A. GAIN ACCESS TO THE AIRCRAFT COLLECTIVE/PYLON LEVER ASSEMBLY.

B. LOCATE THE PART NUMBER ON THE ASSEMBLY. PART NUMBER MAY BE LOCATED ON A DATA PLATE FASTENED TO THE COLLECTIVE/PYLON LEVER OR PART NUMBER MAY BE ETCHED DIRECTLY ONTO THE PART.

(1) IF THE PART NUMBER ON BOTH ASSEMBLIES IS 212-010-403-5, THE INSPECTION IS COMPLETE AND THE RED DASH // - // ENTRY REQUIRED BY PARAGRAPH 1A MAY BE CLEARED. COLLECTIVE/PYLON LEVER ASSEMBLY, P/N 212-010-403-5, HAS A 4800-HOUR RETIREMENT LIFE AND IS NOT AFFECTED BY THE REQUIREMENTS OF THIS MESSAGE.

(2) IF THE PART NUMBER ON EITHER ASSEMBLY IS 204-011-438-1 AND THE TIME SINCE NEW IS LESS THAN 1000, SEE PARAGRAPH 9D.

(3) IF THE PART NUMBER ON EITHER ASSEMBLY IS 204-011-438-1 AND THE TIME SINCE NEW IS GREATER THAN 1000, PERFORM CORRECTIVE PROCEDURES IAW PARAGRAPHS 9A AND B.

C. INSPECT COLLECTIVE/PYLON LEVER ASSEMBLIES IN SUPPLY AS FOLLOWS -

(1) INSPECT SUPPLY STOCK TO DETERMINE ASSEMBLY PART NUMBER.

(2) IF THE PART NUMBER IS 212-010-403-5 THE INSPECTION IS COMPLETE.

(3) IF THE PART NUMBER IS 204-011-438-1 AND IT HAS LESS THAN 1000 HOURS TIME SINCE NEW, THE INSPECTION IS COMPLETE.

(4) IF THE PART NUMBER IS 204-011-438-1, AND IT HAS MORE THAN 1000 HOURS TIME SINCE NEW, PERFORM CORRECTION PROCEDURES IAW PARAGRAPH 9C.

9. CORRECTION PROCEDURES -

A. REMOVE INSTALLED COLLECTIVE/PYLON LEVER ASSEMBLY IAW TM 55-1520-210-23-1, CHAPTER 5, PARAGRAPH 5-70. DISPOSE OF DISCREPANT MATERIEL IAW PARAGRAPH 10.

B. INSTALL SERVICEABLE COLLECTIVE/PYLON LEVER ASSEMBLY, IAW TM 55-1520-210-23-1, CHAPTER 5, PARAGRAPH 5-73. THE RED DASH //-// ENTRY REQUIRED BY PARAGRAPH 1A MAY BE CLEARED.

C. FOR ALL DISCREPANT MATERIAL IN THE SUPPLY SYSTEM (AT ALL LEVELS) - COMPLETE A DA FORM 2410, COPY 3 TO SHOW A "J" LOSS TO THE ARMY INVENTORY AND SEND TO AMCON, AMSAM-MMC-MA-NC. TAG WITH A MATERIAL CONDITION TAG/LABEL, DD FORM 1577/DD FORM 1577-1, UNSERVICEABLE (CONDEMNED) TAG/LABEL - MATERIEL (COLOR RED). DISPOSE OF DISCREPANT MATERIEL IAW PARAGRAPH 10D.

D. FOR ALL INSTALLED COLLECTIVE/PYLON LEVERS, P/N 204-011-438-1 WITH LESS THEN 1000 HOURS, CHANGE THE DA FORM 2408-16 TO REFLECT THE NEW 1000 HOUR RETIREMENT LIFE AND RECALCULATE THE NEW DUE TIME AND THE RED DASH //-// ENTRY REQUIRED BY PARAGRAPH 1A MAY BE CLEARED.

E. ULLS-A UNITS SHALL USE THIS MESSAGE AS AUTHORITY TO CHANGE THE COMPONENT MASTER FILE.

10. SUPPLY/PARTS AND DISPOSITION -

NOTE

HQQA WILL PRIORITIZE UNITS AND REPAIR PARTS DISTRIBUTION.

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) "X1P" (X-RAY-ONE-PAPA).

NOTE

PROJECT CODE "X1P (X-RAY-ONE-PAPA)" 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

NOMENCLATURE	PART NUMBER	NSN
NUT, SELF-LOCKING	MS21045L8	5310-00-857-5562
WASHER, FLAT	AN960-816	5310-00-167-0823
NUT, SELF-LOCKING	MS21042L4	5310-00-807-1475
WASHER, FLAT	AN960PD416	5310-00-187-2354
NUT, SELF-LOCKING	MS21042L6	5310-00-807-1477
WASHER, FLAT	AN960PD616	5310-00-187-2400

D. DISPOSITION - DISPOSE OF REMOVED PARTS/COMPONENTS USING NORMAL SUPPLY PROCEDURES. ALL TURN-IN DOCUMENTS MUST INCLUDE PROJECT CODE (CC 57-59) "X1P" (X-RAY-ONE-PAPA).

E. DISPOSITION OF HAZARDOUS MATERIAL - N/A.

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

12. APPLICATION -

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

B. ESTIMATED TIME REQUIRED -

- (1) TIME TO COMPLETE INSPECTION -
- (A) TOTAL OF 0.2 MAN-HOURS USING 1 PERSON.
 - (B) TOTAL OF 0 HOURS DOWNTIME FOR ONE END ITEM.
- (2) TIME FOR REPAIR/REPLACEMENT -
- (A) TOTAL OF 3 MAN-HOURS USING 1 PERSON.
 - (B) TOTAL OF 3 HOURS DOWNTIME FOR ONE END ITEM.

C. ESTIMATED COST IMPACT TO THE FIELD -

NOMENCLATURE	PART NO./NSN	QTY	COST EA.	TOTAL \$
PYLON LEVER ASSY	212-010-403-5 1615-00-471-5918	2	\$318.62	637.24
NUT, SELF-LOCKING	MS21045L8 5310-00-857-5562	2	.97	1.94
WASHER, FLAT	AN960-816 5310-00-167-0823	4	.04	.16
NUT, SELF-LOCKING	MS21042L4 5310-00-807-1475	4	.12	.48
WASHER, FLAT	AN960PD416 5310-00-187-2354	8	.03	.24
NUT, SELF-LOCKING	MS21042L6 5310-00-807-1477	1	.42	.42
WASHER, FLAT	AN960PD616 5310-00-187-2400	2	.03	.06

TOTAL COST PER AIRCRAFT = \$640.54

D. TB/MWOS 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 SHALL BE CHANGED TO REFLECT 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.

13. REFERENCES -

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

14. RECORDING AND REPORTING REQUIREMENTS -

A. AIRCRAFT -

(1) TAMMS 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, FAX OR EMAIL TO CDR, ANCOM, ATTN: AMSAM-SF-A (SOF COMPLIANCE OFFICER), REDSTONE ARSENAL, AL 35898-5000, IAW AR 95-1, NLT DATE SPECIFIED IN PARAGRAPH 3. FAX NUMBER IS DSN 897-2111 OR (256) 313-2111. EMAIL 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 - N/A.

B. WHOLESALE SPARE PARTS/ASSEMBLIES -

- (1) REPORTING MESSAGE RECEIPT - N/A.
- (2) TASK/INSPECTION REPORTING SUSPENSE - N/A.

C. RETAIL SPARE PARTS/ASSEMBLIES -

- (1) REPORTING MESSAGE RECEIPT - N/A.
- (2) TASK/INSPECTION REPORTING SUSPENSE - 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 2408-5-1, EQUIPMENT MODIFICATION RECORD (PYLON LEVER ASSEMBLY).

(2) DA FORM 2408-13, AIRCRAFT STATUS INFORMATION RECORD.

(3) DA FORM 2408-13-1, AIRCRAFT INSPECTION AND MAINTENANCE RECORD.

(4) DA FORM 2408-16, AIRCRAFT COMPONENT HISTORICAL RECORD.

(5) DA FORM 2410, COMPONENT REMOVAL AND