SUBJECT - AVIATION MAINTENANCE INFORMATION MESSAGE, UH-1-MIN-03-002, INSPECTION OF THE LIFT LINK ATTACHMENT POINT ON THE LOWER CASE OF THE TRANSMISSION FOR CRACKS.

NOTE - THIS MESSAGE IS NOT TO BE CONSTRUED AS A SAFETY OF FLIGHT MESSAGE OR AN AVIATION SAFETY ACTION MESSAGE AS DEFINED IN AR 95-1.

THIS IS AN AVIATION MAINTENANCE INFORMATION MESSAGE ISSUED PER AMCOM REG 750-3, PERMISSIVE IN NATURE AND HAS NOT, REPEAT, HAS NOT BEEN TRANSMITTED TO UNITS SUBORDINATE TO ADDRESSEES. REQUEST ADDRESSEES RETRANSMIT THIS MESSAGE TO ALL SUBORDINATE UNITS, ACTIVITIES OR ELEMENTS AFFECTED OR CONCERNED. THE RETRANSMITTAL SHALL REFERENCE THE MESSAGE.

1. SUMMARY - THE PURPOSE OF THIS MESSAGE IS TO INFORM ALL UH-1H/V AVIATION UNITS OF A CHANGE TO:

A. TM 55-1520-210-PM, PAGE 2-18, AREA 7, INSPECTION 6 WILL NOW READ, "INSPECT LIFT LINK, BEARINGS. INSPECT TRANSMISSION CLEVIS LUGS (BOTH RIGHT AND LEFT THROUGH ACCESS PANELS 24, FIG 1-4) FOR WEAR AND CRACKS. ON THE OUTBOARD SIDE OF THE LEFT TRANSMISSION CLEVIS LUG, CHECK FOR PROPER GAP BETWEEN WASHER ON LIFT LINK ATTACHING BOLT AND BUSHING SLEEVE".

B. ADD TO TM 55-1520-210-PMD, PAGE 19, SEQUENCE NO. 8.1, "LIFT LINK AND BOTH ATTACHING CLEVIS LUGS ON TRANSMISSION FOR WEAR, CRACKS AND PROPER INSTALLATION OF HARDWARE".

2. UNITS NEED TO VERIFY THE REQUIRED 0.0015 GAP BETWEEN THE WASHER ON THE LIFT LINK ATTACHING BOLT AND BUSHING SLEEVE ON THE LEFT SIDE OF THE LIFT LINK CLEVIS PER TM 55-1520-210-23-1, PAGE 6-56 PARAGRAPH 6-40, E., (1) AND (2). IF THIS GAP CANNOT BE ACHIEVED, UNITS SHOULD SUBMIT A MAINTENANCE ENGINEERING REPAIR AUTHORIZATION (MERA). FOR MORE INFORMATION ON SUBMITTING A MERA, UNITS SHOULD CONTACT THE MAINTENANCE ENGINEERING POINT OF CONTACT.

3. BACKGROUND - AN AVIATION UNIT (SUBMITTING A CAT 1 QDR) HAS IDENTIFIED A CRACK RUNNING FORE AND AFT ON THE LEFT SIDE LIFT LINK LUG ON THE TRANSMISSIONS LOWER CASE.

4. END ITEMS AFFECTED - ALL UH-1H/V AIRCRAFT.

5. COMPONENTS/PARTS AFFECTED BY THIS MESSAGE - TRANSMISSION CASE ASSEMBLY P/N 204-040-354-9 (NSN 1615-00-996-7491).

6. TECHNICAL PUBLICATIONS AFFECTED BY THIS MIM -

A. TM 55-1520-210-PM

B. TM 55-1520-210-PMD

7. A RECOMMENDED CHANGE HAS BEEN ACCEPTED AND WILL APPEAR IN A FUTURE CHANGE OR REVISION TO THE MANUALS:

A. THE FOLLOWING WILL BE CHANGED ON THE PHASE MAINTENANCE CHECKLIST IN TM 55-1520-210-PM, PAGE 2-18, AREA 7, INSPECTION 6:

(1) FROM - "INSPECT LIFT LINK, BEARINGS AND ATTACH POINTS FOR WEAR, CRACKS AND TOLERANCE (ACCESS PANEL 24, FIG 1-4)."

(2) TO - "INSPECT LIFT LINK, BEARINGS. INSPECT TRANSMISSION..."
CLEVIS LUGS (BOTH RIGHT AND LEFT THROUGH ACCESS PANELS 24, FIG 1-4) FOR WEAR AND CRACKS. ON THE OUTBOARD SIDE OF THE LEFT TRANSMISSION CLEVIS LUG, CHECK FOR PROPER GAP BETWEEN WASHER ON LIFT LINK ATTACHING BOLT AND BUSHING SLEEVE."

B. THE FOLLOWING WILL BE CHANGED TO THE DAILY INSPECTION CHECKLIST IN TM 55-1520-210-PMD, PAGE 19, PARA SEQ. NO. 8.1:

(1) FROM - "TRANSMISSION FOR SECURITY, CORROSION, DAMAGE, CHAFING OIL LINES AND OIL LEAKS. CHECK SUMP FOR WATER CONTAMINATION AND FOR OIL LEVEL. EXTERNAL OIL FILTER FOR BY-PASS INDICATION. SIGHT GAGES FOR DAMAGE AND STAINING. AIRCRAFT EQUIPPED WITH ODDS, CHECK PHYSICAL SECURITY OF DEBRIS MONITOR ELECTRICAL CONNECTOR AND CONDITION OF WIRES."

(2) TO - "TRANSMISSION FOR SECURITY, CORROSION, DAMAGE, CHAFING OIL LINES AND OIL LEAKS. CHECK SUMP FOR WATER CONTAMINATION AND FOR OIL LEVEL. EXTERNAL OIL FILTER FOR BY-PASS INDICATION. SIGHT GAGES FOR DAMAGE AND STAINING. LIFT LINK AND BOTH ATTACHING CLEVIS LUGS ON TRANSMISSION FOR WEAR, CRACKS AND PROPER INSTALLATION OF HARDWARE. AIRCRAFT EQUIPPED WITH ODDS, CHECK PHYSICAL SECURITY OF DEBRIS MONITOR ELECTRICAL CONNECTOR AND CONDITION OF WIRES."

8. REQUIRED MATERIALS - FEELER GAGE.

9. RECEIPT OF THIS MESSAGE IS AUTHORIZATION TO USE THE UPDATED INSPECTION UNTIL A PRINTED COPY OF THE CHANGE IS RECEIVED.

10. POINTS OF CONTACT:

A. MAINTENANCE ENGINEERING POINT OF CONTACT FOR THIS MESSAGE IS MR. MORGAN BROOKFIELD, DSN 897-1534 OR COMMERCIAL (256) 313-1534, E-MAIL IS "MORGAN.BROOKFIELD@REDSTONE.ARMY.MIL".

B. LOGISTICAL POINT OF CONTACT IS MR. CHARLES ELKINS, SFAE-AV-AS-ASH-L, DSN 645-7125 OR COMMERCIAL (256) 313-7125, DAFAX IS 256-313-3762. E-MAIL IS "CHARLIE.ELKINS@REDSTONE.ARMY.MIL".

C. ENGINEERING POINT OF CONTACT IS MR. DARRELL HUTSON, AMSAM-RD-AE-1-D-U, DSN 897-2350 X9725 OR COMMERCIAL (256) 705-9725, E-MAIL IS "DARRELL.HUTSON@RDEC.REDSTONE.ARMY.MIL".

D. FORMS AND RECORDS POINT OF CONTACT IS MS. ANN WALDECK, AMSAM-MMC-RE-FD, DSN 746-5564 OR COMMERCIAL (256) 876-5564, DAFAX IS DSN 746-4904. E-MAIL IS "ANN.WALDECK@REDSTONE.ARMY.MIL".

E. FOREIGN MILITARY SALES RECIPIENTS REQUIRING CLARIFICATION OF ACTION ADVISED BY THIS MESSAGE SHOULD CONTACT MR. RONNIE W. SAMMONS, AMSAM-SA-AS-UT, DSN 897-0407 OR (256) 313-0407. DAFAX IS DSN 897-0411 OR (256) 313-0411. EMAIL IS RONNIE.SAMMONS@REDSTONE.ARMY.MIL. HUNTSVILLE, AL IS GMT MINUS 6 HRS."/pre>