

AIG 7471
AIG 7515
AIG 9004
AIG 12107
AIG 12124

SUBJECT - AVIATION MAINTENANCE INFORMATION MESSAGE, UH-1-MIM-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 EFFECTED 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, DATAFAX IS 256-313-3762. E-MAIL IS "CHARLIE.ELKINS@REDSTONE.ARMY.MIL".

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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. DATAFAX IS DSN 897-0411 OR (256) 313-0411. EMAIL IS RONNIE.SAMMONS@REDSTONE.ARMY.MIL. HUNTSVILLE, AL IS GMT MINUS 6 HRS.</pre>