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AFFECTED OR CONCERNED. THE RETRANSMITTAL SHALL REFERENCE THIS MESSAGE ACTION ADDRESSEES WILL IMMEDIATELY VERIFY THIS RETRANSMISSION TO COMMANDER, AVSCOM, ATTN - ANSAV-MEM.

4. TM 55-1520-210-23-1 MAINTENANCE MANUAL

5. TM 55-1520-210 PM MAINTENANCE MANUAL

6. TM 55-1520-220-23-1 MAINTENANCE MANUAL

7. SUMMARY -

A. PRELIMINARY INVESTIGATION REVEALS THAT A RECENT AH-1 ACCIDENT WAS CAUSED BY FAILURE OF THE SWASHPLATE BEARING, P/N 204-011-430-1.

A SIMILAR SWASHPLATE IS USED ON UH-1C AND UH-1M AIRCRAFT. THE SAME BEARING IS USED ON UH-1 AND EH-1 SERIES AIRCRAFT. THE SUSPECTED BEARING FAILURE ALLOWED THE ROTATING SWASHPLATE DRIVE LINKS TO CONTACT THE NONROTATING SWASHPLATE. THIS CAUSED A LOSS OF CONTROL.

B. THE PURPOSE OF THIS MESSAGE IS TO IMPLEMENT A ONE TIME INSPECTION. CLARIFY THE LUBRICATION REQUIREMENT, AND ADD INSPECTION REQUIREMENTS DURING SERVICE.

C. THE LUBRICATION INTERVAL FOR UH-1C/M HELICOPTERS IS REDUCED TO 25 HOURS. THE INTERVAL FOR ALL OTHER UH-1 AND EH-1 SERIES HELICOPTERS STAYS THE SAME.

2. PRIORITY CLASSIFICATION -

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A. EQUIPMENT IN USE - UPON RECEIPT OF THIS MESSAGE, THE CONDITION STATUS SYMBOL OF UH-1 HELICOPTERS WILL BE CHANGED TO A CIRCLE RED //X//. THESE HELICOPTERS SHALL BE INSPECTED AS SOON AS PRACTICAL, BUT NOT LATER THAN 5 DAYS OR 10 FLIGHT HOURS AFTER RECEIPT OF THIS MESSAGE. FAILURE TO COMPLY WITH THE REQUIREMENTS OF THIS MESSAGE WITHIN THIS TIME FRAME WILL CAUSE THE STATUS SYMBOL TO BE UPGRADED TO A RED //X// UNTIL THE AIRCRAFT IS UPGRADED TO A RED

//X//. THE AIRCRAFT WILL BE REPORTED AS FULLY MISSION CAPABLE (FMC) AND THE PARTIALLY MISSION CAPABLE (PMC) REQUIREMENTS OF AR 95-33 ARE WAIVED. THIS WAIVER ONLY APPLIES TO THE CONTENTS OF THIS MESSAGE.

B. EQUIPMENT IN DEPOT STOCK - INSPECT AS SOON AS PRACTICAL. AIRCRAFT WILL NOT BE ISSUED UNTIL INSPECTED.

C. AIRCRAFT UNDERGOING MAINTENANCE - UNITS PERFORMING SUCH MAINTENANCE WILL INSPECT BEFORE FLIGHT.

D. AIRCRAFT IN TRANSIT - INSPECT AT FINAL DESTINATION.

BT

45767

RCV MSG # TIME P Y IMMEDIATE
01615 0754 1007AS
1002EM 910TH 432FTS NAVY AREA COMM DPC DPH COMSEC LGT ACF ACD OSI NCAX CAP 040C
D&J MODTOR 20AF AOC JA D&H D&OS 55F 55 FC
WFO ACC DET T/A FT4/CC 486/CC MA XPR LGS SE NEA PA U/DO XPNT LGC FCS SG OT

ACTH2EM RULNCSA5765 1000520-~~0100~~-RUMHDTA 30
LNR 00000 20V RULNCSA0430 PEROTE OF RULNCSA5765 1000215
FUEBIA -T- 1998TH COMM SR CORE CTR MCCURE AB NJ
O 100300Z APR 85 ZEX
FM ARBG OAC APC EA MD //HGD-AYR-L// (ARMY)
TO SIG TAB1

FUEGVA/ITAG VI ST CRAIG VI
SCCT DA-EMCSVD
O 002215Z APR 85
FM CDRNAVCOM STL MO //ANSAV-M//
TO SIG AAA1
RUENR0/US EMBASSY ROME ITALY //AOC// PASS TO HQ MFO
RULCFA/US EVN PRAT AGY PO BOX 15027 LAS VEGAS NV
RUENR0/US EVN PRAT AGY REGION II 20 FEDERAL PLAZA NY NY
RULCFA/CORNSAAYMC FT RUCKER AL //AT20-01-AD/
FOR HQAA HELICOPTER GROUP//
RUENR0/AT TAIPEI TAIWAN
RUENR0/AT WASH DC
RUENR0/USDAO LANDSOUTHERST IZMIR TU //AV//
RUENR0/COMENILCP SAN SALVADOR EL SALVADOR //SCES-AF//
RUENR0/COMJTF-E COMAYAGUA HO //E//
RUENR0/COMUSMILGP BOGOTA COLUMBIA //SCCD-AFDCM//
RUENR0/COMRINCOM REDSTONE AFS AL //ANSHI-ST//
RUENR0/US CUSTOMS SERVICE DEPT OF TREASURY WASH DC
RFA SIG 9004
SIG 7515
RUENR0/USDAO TEL AVIV ISRAEL
RUENR0/SECSTATE WASH DC //HEA/MFO//
RUENR0/21CC PHILADELPHIA PA //988-JU//



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RUENR0/USMAG BANGKOK THAILAND
RUENR0/USCENG MELBOURNE AUSTRALIA //DAIRENG//
RUENR0/DEFAIR CANBERRA AUSTRALIA //DAIRENG-AF/ORHEL-AF//
RUENR0/AUSTAIR WASH DC //SENGSO//
RUENR0/USDA FOREST SERVICE PO BOX 2417 WASH DC
//COOPERATIVE FIRE PROTECTION//
RUENR0/LOG CON OTTAWA CANADA //OTHER L-2//
SCCT DA-EMCSVD
BT

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SECTION 02 OF 04
E. MAINTENANCE TRAINERS - (CATEGORY A AND B) INSPECT WITHIN 5
DAYS.
F. COMPONENTS IN STOCK - INSPECT SWASHPLATE AND SUPPORT ASSEMB
PER PARAGRAPHS 9a AND 9c
END ITEM TO BE INSPECTED - ALL OH-1 AND EH-1 SERIES HELICOPTERS.
ASSEMBLY TO BE INSPECTED -
P/N NONENCLATURE NSN
540-011-430-7 SWASHPLATE AND SUPPORT ASSY 1415-00-911-9292
104-011-400-11 SWASHPLATE AND SUPPORT ASSY 1450-00-040-1062

PARTS TO BE INSPECTED - H/A

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APPLICATION -

A CATEGORY OF MAINTENANCE - AVUR

B TIME REQUIRED -

(1) TOTAL OF 3 HOURS USING 3 PEOPLE.

(2) TOTAL OF 2 HOURS DOWNTIME FOR ONE END ITEM.

C TD'S/MUO'S TO BE APPLIED CONCURRENTLY WITH THIS INSPECTION -

H/A

D PUBLICATIONS WHICH REQUIRE CHANGE AS A RESULT OF THIS

MESSAGE -

(1) TM 55-1520-210-23-1 (UH-1H/V AND EH-1H/X HELICOPTER).

(A) FIGURE 1-6, LUBRICATION CHART (SHEET 3 OF 4), ADD THE FOLLOWING "NOTE" AND "WARNING" FOR [ITEM 16 SWASHPLATE BEARING -

NOTE

PURGE LUBRICATE UPON INITIAL INSTALLATION AND AT EACH 50 HOURS THEREAFTER. APPLY GREASE (MIL-G-81322) AT EACH FITTING UNTIL CLEAN GREASE IS FORCED PAST SEALS. WIPE OFF EXCESS GREASE.

WARNING

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FAILURE OF THE SWASHPLATE TO ACCEPT GREASE REQUIRES REPLACEMENT PRIOR TO RELEASING THE AIRCRAFT FOR FLIGHT.

(B) [PARAGRAPH 3-40] ADD THE FOLLOWING - [INSPECT FOR SWASHPLATE BEARING WEAR OR FAILURE AS FOLLOWS -]

NOTE

THIS INSPECTION IS TO BE PERFORMED AT EACH PHASE INSPECTION OR WHENEVER PROBLEMS WITH THE SWASHPLATE BEARING ARE SUSPECTED. THE INSPECTION SHOULD BE DONE BEFORE LUBRICATION.

(C) DISCONNECT SCISSORS DRIVE LINKS FROM TRUNNIONS ON SWASHPLATE OUTER RING AND SECURE TO PREVENT DAMAGE.

(D) ROTATE SWASHPLATE OUTER RING AND CHECK BEARING FOR ROUGHNESS, BINDING OR UNUSUAL NOISE. CHECK FOR VERTICAL PLAY BETWEEN INNER AND OUTER RING. THE SWASHPLATE SHOULD BE REPLACED IF ANY OF THESE CONDITIONS ARE FOUND.

(E) REINSTALL SCISSORS DRIVE LINKS TO TRUNNIONS

[PARAGRAPH 3-44]

(2) TM 55-1520-210 PM (UH-1H/V AND EH-1H/X HELICOPTERS), AND

THE FOLLOWING INSPECTION TO MAIN ROTOR AND HAST AREA -9, TO BE

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ACCOMPLISHED AT ALL PHASE NUMBERS - [DISCONNECT SCISSORS DRIVE LINKS FROM TRUNNIONS AND CHECK SWASHPLATE BEARING FOR ROUGHNESS, BINDING AND VERTICAL PLAY]

(1) TM 55-1520-220-23-1 (UH-1C/H HELICOPTERS), ADD THE

FOLLOWING TO THE SPECIAL INSPECTION SECTION AREA 4 PAGE 1-84 TO BE
ACCOMPLISHED EVERY 25 HOURS. DISCONNECT SCISSORS DRIVE LINKS FROM
EXHAUSTORS AND CHECK SWASHPLATE BEARING FOR ROUGHNESS, BINDING AND
VERTICAL PLAY.

(4) TM 35-1520-220-23-1 (UH-1C/M HELICOPTERS), FIGURE 1-3,
LUBRICATION CHART (SHEET 3 OF 5), CHANGE ITEM 20, RING, SWASHPLATE,
ENTER, TO READ "25 HOURS (2 PLACES)" AND ADD THE FOLLOWING "NOTE"

AND "WARNING" FOR ITEM 20.

NOTE

REFER TO PARAGRAPH 5-91 FOR SPECIFIC LUBRICATION
AND INSPECTION INSTRUCTIONS. PURGE LUBRICATE
UPON INITIAL INSTALLATION AND AT EACH 25 HOURS
THEREAFTER. APPLY GREASE (MIL-G-81322) AT EACH
FITTING UNTIL CLEAN GREASE IS FORCED PAST SEALS.
WIPE OFF EXCESS GREASE.

WARNING

PAGE 06 RUCIFR05785 UNCLAS

FAILURE OF THE SWASHPLATE TO ACCEPT GREASE
REQUIRES REPLACEMENT PRIOR TO RELEASING THE
AIRCRAFT FOR FLIGHT.

(5) TM 35-1520-220-23-1 (UH-1C/M HELICOPTER), PARAGRAPH
5-91. INSPECT FOR SWASHPLATE BEARING WEAR OR FAILURE AS FOLLOWS -
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