

PRIORITY

UH-1-78-5
T/R pitch
control chain

PAUZRKH RULNNAC2829-282209-UUUU--RUMKDTA,
ZNR UUUUU
P 052211Z JUL 78 ZEX
FM ARNG-DAC EDGEWOOD MD //OAC-AVN-L//
TO AIG 7404
INFO RUCLAKK/AASF GA ALBANY GA
RUVRBNA/AASF #2 TN MOBEE TYSON AFB TN
RUEAUSA/ONGB WASH DC //NGB-ARL-A//
P R 051345Z JUL 78
FM CDRUSATSARCOM STL MO //DRSTS-MEU//
TO AIG 8801
INFO AIG 9804
AIG 7514
RUMTAEA/CDRUSABPA FTWORTH TX //DABE/DABE-O//
RUCLBQA/CDRUSAANO FT RUCKER AL //ATZQ-DI//
RUSHAD/USDAO TEL AVIV ISRAEL
RUELAEA/OJUSMG-MAAG MADRID SPAIN //ARMY AND NAVY SEC//

Army

BT
UNCLAS SECTION 1 OF 2
N . CLN THIS IS A SAFETY OF FLIGHT MESSAGE AND HAS NOT, REPEAT
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,
INCLUDING BOTH MAINTENANCE AND SUPPLY ELEMENTS, THE RETRANSMITTAL
SHALL REFERENCE THIS MESSAGE,
SUBJ CLN SAFETY OF FLIGHT MESSAGE, URGENT WITH LIMITATIONS, ONE TIME
INSPECTION, TO 55-1988-28-28-21 FOR ALL AH-1G, TH-1G, AH-1Q, UH-1BN
UH-1C, UH-1D/H/V, UH-1H AIRCRAFT, MESSAGE NUMBERS AH-1-78-11)

5 JUL 78 23 23Z

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UH-1-78-5).

1. SUMMARY OF PROBLEMS CLN FAILURE ANALYSIS OF UH-1/AH-1 TAIL ROTOR CONTROL SILENT CHAINS HAS REVEALED THAT THE DARK, DULL COLORED CHAINS FAIL MORE OFTEN AND WITH LESS WARNING THAN THE BRIGHT COLORED CHAINS. THE DARK, DULL COLORED SILENT CHAINS SHALL BE REMOVED FROM SERVICE;
 2. PRIORITY CLASSIFICATION CLN URGENT WITH LIMITATIONS.
 - A. EQUIPMENT IN USE, UPON RECEIPT OF THIS MESSAGE, THE STATUS OF AIRCRAFT WILL BE CHANGED TO A CIRCLED RED "X", FAILURE TO ACCOMPLISH WITHIN THE HOURS/DAYS STIPULATED WILL CAUSE CONDITION STATUS SYMBOL TO BE CHANGED TO A RED "X", EQUIPMENT IN USE WILL BE INSPECTED AS SOON AS PRACTICAL BUT NOT LATER THAN FIVE FLYING HOURS OR FIVE WORKING DAYS, WHICHEVER OCCURS FIRST, AFTER DATE OF THIS MESSAGE.
 - B. DEFICIENCIES FOUND WILL BE CORRECTED WITHIN 60 DAYS AFTER THE INSPECTION.
- NOTE CLN SEE PARAGRAPH SEVEN AR95-18 FOR NONCOMPLIANCE AUTHORITY OF UNIT AND MAJOR COMMANDERS.
- B. AIRCRAFT IN FIELD AND DEPOT STOCK, SERVICEABLE EQUIPMENT

16 A

IN FIELD AND DEPOT STOCKS WILL BE INSPECTED AS SOON AS PRACTICABLE BUT NOT LATER THAN SIX MONTHS FROM THE PRINTING DATE OF THIS TB, AIRCRAFT WILL NOT BE ISSUED UNTIL INSPECTED,

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3, END ITEMS TO BE INSPECTED CLN ALL AH-1G, TH-1G, AH-1G, UH-1B, UH-1C, UH-1D/H/V AND UH-1M AIRCRAFT.

4, ASSEMBLIES OR COMPONENTS TO BE INSPECTED CLNN/A

5, PARTS TO BE INSPECTED CLN N/A

6, APPLICATION CLN

A, CATEGORY OF MAINTENANCE CLN

(1) OPERATIONAL AIRCRAFT - UNIT LEVEL MAINTENANCE WILL PERFORM INSPECTION (AVUM),

(2) AIRCRAFT UNDERGOING MAINTENANCE - UNIT PERFORMING MAINTENANCE WILL PERFORM INSPECTION PRIOR TO RETURN OF AIRCRAFT TO THE USER,

(3) AIRCRAFT IN TRANSIT - UNIT RECEIVING AIRCRAFT WILL PERFORM INSPECTION,

(A) INSURANCE SHIPMENT - PERFORMED AT FINAL DESTINATION,

(B) IN FERRY STATUS CLN INSPECTION PERFORMED AT DESTINATION,

B, APPLIED BY CLN AIRCRAFT MECHANIC (67N) OR (67Y),

C, TIME REQUIRED CLN

(1) APPROXIMATELY 8.25 MAN-HOURS AND A MINIMUM CREW OF ONE PERSON WILL BE REQUIRED TO ACCOMPLISH THIS INSPECTION, THIS INCLUDES TIME TO GAIN ACCESS TO THE INSPECTION AREA, DEFICIENCY CORRECTION REQUIRES TWO MAN-HOURS AND A MINIMUM CREW OF ONE PERSON,

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(2) DOWNTIME FOR THIS END ITEM TOTAL 8.25 HOURS, DEFICIENCY CORRECTION DOWNTIME FOR THIS END ITEM TOTAL TWO HOURS,

D, PUBLICATIONS WHICH REQUIRE CHANGE AS A RESULT OF THIS TB CLN

TM55-1520-221-20

TM55-1520-221-23P

TM55-1520-210-20

TM55-1520-219-20

TM55-1520-220-20

TM55-1520-210-23P

7, SUPPLY KIT/PARTS AND DISPOSITION CLN

A, PARTS REQUIRED CLN

(1) CHAIN ASSY SILENT, P/N 204-001-739-3, NSN 1615-00-024-6963, ONE EACH PER AIRCRAFT IF REQUIRED TO CORRECT DEFICIENCY,

(2) CHAIN ASSY SILENT, P/N 209-001-782-1, NSN 3020-01-020-0065, ONE EACH PER AIRCRAFT IF REQUIRED TO CORRECT DEFICIENCY (AH-1 ONLY),

B, PARTS DISPOSITION

(1) CHAIN ASSY, SILENT, P/N 205-001-721-1, NSN 1615-00-172-4500, SCRAP,

(2) CHAIN ASSY, SILENT, P/N 205-001-748-1, NSN 3020-00-134-0040, SCRAP (AH-1 ONLY),

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(3) CHAIN ASSY, SILENT, P/N 204-001-739-3, NSN 1615-00-624-6963, RETURN TO SUPPLY IF SERVICEABLE (IF RECEIVED FROM UH-1, DURING ROLLER CHAIN KIT INSTALLATION),

8, SPECIAL TOOLS, JIGS AND FIXTURES REQUIRED CLN N/A

9, INSPECTION PROCEDURE CLN

A, AN INSPECTION SHALL BE MADE OF ALL UH-1/AH-1 TAIL ROTOR SILENT CHAINS THE CHAIN SHALL BE INSPECTED TO DETERMINE IF IT IS AN NSN 1615-00-172-4500, P/N 205-001-721-1 (DARK, DULL COLORED LONG CHAIN) AN NSN 3020-00-134-0040, P/N 205-001-740-1 (DARK, DULL COLORED SHORT CHAIN), AN NSN 1615-00-624-6963, P/N 204-001-739-3 (BRIGHTSHINY STAINLESS STEEL COLORED LONG CHAIN) OR AN NSN 3020-01-020-0060, P/N 209-001-702-1 (VENDOR P/N EX26292) (BRIGHT SHINY STAINLESS STEEL COLORED SHORT CHAIN), AH-1 AIRCRAFT CHAINS THAT ARE DARK, DULL COLORED SILENT CHAINS, SHALL BE REPLACED WITHIN 60 DAYS FROM DATE OF INSPECTION WITH A BRIGHT SHINY STAINLESS STEEL COLORED CHAIN, THE BRIGHT SHINY STAINLESS STEEL COLORED CHAINS WILL BE LEFT IN SERVICE ON AH-1 AIRCRAFT WITH ALL PRESENT INSPECTIONS AND PRECAUTIONS STILL APPLICABLE, UH-1 AIRCRAFT CHAINS THAT ARE DARK, DULL COLORED SILENT CHAINS SHALL BE REPLACED WITHIN 60 DAYS FROM DATE OF INSPECTION WITH A BRIGHT, SHINY STAINLESS STEEL COLORED CHAIN OR CONVERTED TO THE

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ROLLER CHAIN, WHERE LOCAL AND SUPPORT STOCK POSITION REQUIRE REQUISITION ON TSARCOM FOR A UH-1 CHAIN, THE ROLLER CHAIN KIT NSN 1615-01-047-8614 WILL BE REQUISITIONED, ALL UH-1 AIRCRAFT SHOULD BE CONVERTED TO ROLLER CHAIN WITHIN 180 DAYS, BRIGHT, SHINY COLORED LONG CHAINS LEFT IN SERVICE ON UH-1 AIRCRAFT, WILL CONTINUE TO HAVE ALL PRESENT INSPECTIONS STILL APPLICABLE (SERVICEABLE BRIGHT, SHINY COLORED LONG CHAINS REMOVED DURING CONVERSION TO ROLLER CHAIN WILL BE RETURNED TO SUPPLY),

C, UH-1 AIRCRAFT WITH ROLLER CHAINS AND AH-1 AIRCRAFT WITH TAIL ROTOR PUSH/PULL TUBES ARE NOT AFFECTED BY THIS MESSAGE, NOTE CLN UH-1 AIRCRAFT MAY BE CONVERTED TO ROLLER CHAINS BY ORDERING AND INSTALLING CHAIN KIT P/N 1560UH-1-756-1, NSN 1615-01-047-8614, 10, WEIGHT AND BALANCE DATA CLN WEIGHT AND BALANCE CHANGE RESULTING FROM THESE INSTRUCTIONS IS NEGLIGIBLE,

11, RECORDING AND REPORTING OF THE INSPECTION CLN

A, RECORD AND REPORT ACCOMPLISHMENT OF THE INSPECTION IN ACCORDANCE WITH THE PROCEDURES PRESCRIBED IN TM-38-750, THE FOLLOWING FORMS ARE APPLICABLE, DA FORM 1352-1 (DAILY AIRCRAFT STATUS RECORD), DA FORM 2407 (MAINTENANCE REQUEST), DA FORM 2408-13 (AIRCRAFT INSPECTION AND MAINTENANCE RECORD) AND DA FORM 2408-15 (HISTORICAL RECORD FOR AIRCRAFT),

BT

#2809

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RAAUZEXM RULNNAC4129 2842155-UUUU--RUWMDTA;
ZNR UUUUU
R 110150Z OCT 78 ZEX
FM MGR ARNG-OAC EDGEWOOD MD //NGB-AVN-L//
TO AIG 7401 *A Rmy*
RUCLAKK/AASF GA ALBANY GA
RUYRBNA/AASF 2 HOGEE TYSON AFB TN
INFO RUBAUSA/CNGB WASHDC //NGB-ARL-A//
R 181949Z OCT 78
FM ODRTSARCOM STL MO //DRSTS-SAJ(2)//
TO AIG 8881

*Supply advisory message
for
SOF. UH-1-78-5
T/R pitch change
roller chain*

BT
UNCLAS
NOTE CLN THIS IS A SUPPLY ADVISORY MESSAGE AND HAS NOT,
REPEAT HAS NOT, BEEN TRANSMITTED TO UNITS SUBORDINATE
TO ADDRESSEES, ADDRESSEES SHOULD IMMEDIATELY RETRANS-
MIT THIS MESSAGE TO ALL SUBORDINATE UNITS, ACTIVITIES
OR ELEMENTS AFFECTED OR CONCERNED;

UBJ CHAIN ASSY, SILENT NSN 1615-20-624-6963, P/N 204-
881-739-3

A DRSTS-MEU 251349Z JULY 78, SUBJECT - SAFETY OF
FLIGHT MESSAGE, URGENT WITH LIMITATIONS, ONE-TIME
INSPECTION, TB 95-1580-200-20-21 FOR ALL AH-1G, TH-1G,
AH-1G, UH-1B, UH-1C, UH-1D/H/V, H-1M AIRCRAFT, MESSAGE
NUMBERS AH-1-78-11) AND UH-1-78-5);
1, PARA 78(3) OF REFERENCED MESSAGE REQUESTED THAT

PAGE TWO RULNNAC4129 UNCLAS
SERVICEABLE CHAIN ASSYS, SILENT, P/N 204-881-793-3,
NSN 1615-20-624-6963 REMOVED FROM UH-1 DURING ROLLER
CHAIN KIT INSTALLATION (NSN 1615-21-247-8614) SHOULD BE
RETURNED TO SUPPLY, THE RESPONSE TO THIS REQUEST HAS
BEEN NEGLIGIBLE CONSIDERING THAT 3700 KITS HAVE BEEN
ISSUED,
2, AN URGENT REQUIREMENT EXISTS FOR THIS CHAIN ASSY,
THEREFORE, IT IS AGAIN REQUESTED THAT SERVICEABLE ASSYS
BE EXPEDITIOUSLY RETURNED TO RED RIVER ARMY DEPOT,
TEXARKANA, TEXAS, M/F NIOF ACCOUNT 5-3723,
POC MILMA RICE, 268-2027,

BT
#4129
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16/0

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11 OCT 78 03 01 Z

maint advisory message
T/R control chain

RAWUZEXW RULNNA03766 2560152-UUUU--RUHKOTA;
ZNY UUUUU
R 130111Z SEP 78 ZEX
FM ARNG-DAC EDGEWOOD MD //NGB-AVN-L//
TO AIG 7401
INFO RUCLAKK/AASF GA ALBANY GA
RUVRBNA/AASF #2 TN MCGEE TYSON AFB TN
RUEAUSA/CNGB WASH DC //NGB-ARL-A//
P R 122040Z SEP 78
FM CDRUSATSARCOM STL MO //DRSTS-MEU(23)//
BT

ARMY

UNCLAS
NOTE THIS IS A MAINTENANCE ADVISORY MESSAGE AND HAS NOT,
REPEAT 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,
SUBJECT WASHER FOR ROLLER CHAIN INSTALLATION
1. THE PURPOSE OF THE MESSAGE IS TO PROVIDE INFORMATION
CONCERNING THE INSTALLATION OF THE IMPROVED TAIL ROTOR
CONTROL CHAIN AND SPROCKET KIT P/N 1560UH-1-756-1,
2. THIS OFFICE HAS RECEIVED REPORTS FROM FIELD UNITS THAT

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AFTER INSTALLING SPROCKET P/N 1560UH1-753-1 AND APPLYING
THE REQUIRED TORQUE TO THE RETAINER NUT P/N 204-010-767-1,
IT IS SOMETIMES IMPOSSIBLE TO INSTALL THE P/N MS24665-137
COTTER PIN PROPERLY, TO ELIMINATE THIS PROBLEM A SPACER
WAS DESIGNED FOR INSTALLATION BETWEEN THE SPROCKET AND
SPACER (P/N 204-010-766) ON AN AS REQUIRED BASIS, THIS
SPACER WILL BE IDENTIFIED AS UH-1 TAIL ROTOR PITCH CONTROL
WASHER P/N 1560-UH1-990-1 AND WILL APPEAR AS A LOCAL
MANUFACTURER ITEM IN TH95-1920-210-23P; INFORMATION
CONCERNING MANUFACTURE OF THIS WASHDR IS AS FOLLOWS
A, MAKE FROM AN960-C1016L NSN 5310-00-202-6907 OR
.032 INCH MIL-S-5059 OR MIL-S-6721, 1/4 HARD CORROSION
RESISTANT STEEL,
B, I.D. TO BE .860/.900 INCH
C, O.D. TO BE 1.110/1.140 INCH
D, DEBURR EDGES
E, MARK P/N 1560-UH1-990-1 ON ONE SIDE BY USING
EITHER PERMANENT INK MARKING OR VIBROPEENING,
3. WITH REGARD TO SPACERS PREVIOUSLY MANUFACTURED
AND INSTALLED BY LOCAL UNITS, THESE ITEMS MAY BE

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RETAINED IN SERVICE PROVIDED THEY WERE MANUFACTURED
FROM CORROSION RESISTANT STEEL AND DO NOT INTERFERE WITH
NORMAL OPERATION OF THE CHAIN AND SPROCKET,
4. IF ADDITIONAL INFORMATION OR CLARIFICATION TO
THIS MESSAGE IS REQUIRED CONTACT MR FRANK BARHORST
AT TSARCOM AUTOVON 698-3646 OR COMMERCIAL
(314) 268-3646,

BT

#3766

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