

11 Mar 77 23 56z

*UH-1-79-8  
T/R control Assy  
Publication  
change*

PAAUZEXK HULNNAC8732 07021 ~~0000~~ RUMMDTA;  
ZNR UUUUU  
P R 112135Z MAR 77 ZEX  
FM CDR ARNG-DAC EDGEMOOD MD //NGR-AVN-4//  
TO AIG 7401  
INFO RUEFKQA/DNGB WASH DC //NGR-ARL-1//  
P R 092100Z MAR 77  
FM CDRUSAAVSCOM S1L MO //DRSAV-EEU//  
TO AIG 8881

BT  
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,  
INCLUDING BOTH MAINTENANCE AND SUPPLY ELEMENTS. THE RETRANSMITTAL  
SHALL REFER TO THIS MESSAGE.

SUBJ CLN TAIL ROTOR CONTROL ASSEMBLY PUBLICATION CHANGE ON UH-1/  
AH-1 HELICOPTERS, (UH-1-77-8) AND (AH-1-77-8);  
1. THE PURPOSE OF THIS MESSAGE IS TO PROVIDE INFORMATION ON FORTH-  
COMING PUBLICATION CHANGES. RECENT CHANGES IN THE THINKING AND DATA  
CONTAINED ON THE TAIL ROTOR CONTROL ASSEMBLIES HAVE CAUSED SEVERAL

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CHANGES TO BE INITIATED. THESE CHANGES ARE TO BE MADE TO STANDARDIZE  
THE FOUR MANUALS IN THESE AREAS OF COMMONALITY. THE CHANGES AFFECT  
THE FOLLOWING TECH MANUALS CLN  
A. TM 33-1928-218-28 AND PMS  
B. TM 33-1928-219-28 AND PMS  
C. TM 33-1928-220-28 AND PMS  
D. TM 33-1928-221-28 AND PMS  
2. THE FOLLOWING AREAS ARE TO BE CHANGED CLN

NOTE CLN  
INFORMATION/INSTRUCTIONS CONTAINED IN THIS MESSAGES MAY BE ANNOTATED  
IN REFERENCE TO PENDING RECEIPT OF FORMAL CHANGE.  
A. CABLE TENSION CLN THE CABLE TENSION WILL BE ADJUSTED ON THE  
UH-1D, AH-1G AND AH-1Q TO 48 AND 68 POUNDS, ON THE UH-1B AND C TO 48  
TO 58 POUNDS MAINTENANCE SPROCKET POSITION. THE AH-1 CABLES WHICH  
ARE PLASTIC COATED WILL EMPHASIZE THE USE OF A NO. 2 RISER ON THE  
DIAL TYPE TENSIONMETER.  
B. LUBRICATION OF CONTROL CHAINS CLN LUBRICATE THE CHAIN WITH OIL,  
MIL-L-238899, MIL-L-7888 OR MD-46. CLOTH SHOULD BE DAMPENED AND WIPE  
ANY EXCESS FROM CHAIN AND SURROUNDING AREA.  
C. INSPECTION OF CHAIN CLN INSPECT OUTER LINKS FOR CRACKS USING A

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2. LIGHT SOURCE AND A TEN POWER MAGNIFYING GLASS, SPECIAL ATTENTION  
WILL BE GIVEN THE CHAIN THAT TRAVELS OVER THE SPROCKET OF THE CONTROL  
BRACKET AND SIX INCHES EITHER SIDE OF THIS SECTION. ANY CRACKS OR  
BROKEN LINKS ON ANY PORTION OF THE CHAIN IS CAUSE FOR REJECTION OF  
THE CHAIN. TURN THE CHAIN WITH TEETH UP, INSPECT CHAIN, INNER LINKS  
AT RADIIUS BETWEEN TEETH. TURN CHAIN OVER AND INSPECT OPPOSITE SIDE  
OF LINKS. INSPECT HEAD OF PINS. THERE WILL NOT BE ANY PORTION OF  
THE FEATHERED EDGE MISSING. THE HEIGHT OF THE HEADS WILL BE .010  
MINIMUM.

D. SPECIAL INSPECTION IN THE -20 CLN DELETE 10 HOUR INSPECTION OF  
THE CONTROL CHAIN IN ALL MANUALS.

E. EXTEND THE DETAIL INSPECTION OF THE CONTROL CHAIN FROM 10  
HOURS TO 25 HOURS IN THE FOLLOWING CLN

- (1) TM 35-11320-1-218-1 PMS
- (2) TM 35-11320-1-219-1 PMS
- (3) TM 35-11320-1-220-1 PMS
- (4) TM 35-11320-1-221-1 PMS

3. ADDITIONAL INFORMATION CLN IN ORDER TO REDUCE MAINTENANCE AND  
PREVENT UNDUE HARDSHIP DURING CROSS-COUNTRY FLIGHTS, THE INSPECTION  
HAS BEEN EXTENDED. THIS EXTENSION PLACES MORE RESPONSIBILITY ON

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MAINTENANCE PERSONNEL TO MAKE A THOROUGH INSPECTION OF THE COMPLETE  
T. ROTOR CONTROL ASSEMBLY.

4. IF ADDITIONAL INFORMATION OR CLARIFICATION IS REQUIRED, PLEASE  
CONTACT JIM BUEN, AUTOVON 698-3266 OR COMMERCIAL 314-268-6516.

BT  
#0732



11 MAR 77 22 35z

PAAUZE BX RULNNAC 0730 070214Z ~~0000~~ (Circled)  
ZNR UUUUU  
P R 112134Z MAR 77 ZBX  
FM MGR ARNG-OAC EDGEMOOD MD//NGB-AVN-L//  
TO AIG 7481 *Army*  
INFO RUEFHRA/CNGB WASH DC//NGB-ARL-A//  
BT

UNCLAS

SUBJ CLN CLARIFICATION OF ODR USAAVS COM MSG DTG 092100Z MAR 77  
(NGB-AVN-L RETRANSMITTAL DTG 112134Z MAR 77)

A ODR USAAVS COM MSG DTG 11-77-8/AM-1-77-6 CONCERNING TAIL ROTOR CONTROL ASSY

1 THE INSPECTION REQUIREMENT SET FORTH IN PARA 20 OF REF MSG DOES NOT REQUIRE THAT THE SILENT CHAIN BE REMOVED FOR INSPECTION, THE ALCO CONFIRMED THIS WITH THE ALTERNATE POINT OF CONTACT, MR. BARHORSI, THE INTENT IS TO RUN EITHER PEDAL FULL FORWARD, TWIST THE CHAIN, AND INSPECT THE INSIDE PORTION OF THE CHAIN WHICH EXTENDS FARTHEST FR THE CONTROL SPRCKET, REPEAT THIS PROCEDURE AFTER PLACING THE OTHER PEDAL FULL FORWARD, THIS INSPECTION REQUIREMENT IS TO BE ENTERED ON THE DA FORM 2426-18,

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*Reference A  
RECEIVED MSG  
182134Z MAR77*

*(D)*