

RAAUZEXX RULNNAC3213 2072144-UUUU--RUKMDTA,

ZNR UUUUU

P 262144Z JUL 78 ZEX

FM ARNG-OAC EDGEWOOD MD //NGB-AVN-L//

TO AIG 7481

INFO RUCLAKK/AASF GA ALBANY GA

RUVBNA/AASF #2 TN MCGEE TYSON AFB TN

RUEAUSA/CNGB WASH DC //NGB-ARL-A//

P R 261801Z JUL 78

FM CDRUSATSARCOM STL MD //DRSTS-MEU//

TO AIG 8861

INFO AIG 9824

RUMTABA/CDRUSABPA FT WORTH TX //DAVBE/DAVBE-O//

RUCLDQA/CDRUSAAVNC FT RUCKER AL //ATZQ-DI//

RUMHAD/USDAO TEL AVIV ISRAEL

RUFLAFA/OJUSMG-MAAG MADRID SPAIN //ARMY

AND NAVY SEC //

BT

UNCLAS

NOTE CLN THIS IS A MAINTENANCE ADVISORY MESSAGE AND HAS NOT, REPEAT

H NOT, BEEN TRANSMITTED TO UNITS SUBORDINATE TO ADDRESSEES;

ALL 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.

UBJ CLN MAINTENANCE ADVISORY MESSAGE CONCERNING INSPECTION REQUIRE-

MENTS FOR THE MODEL 540 MAIN ROTOR HUB ASSEMBLIES UTILIZED ON UH-10/M,

AH-10/Q/S AND TH-10 SERIES HELICOPTERS (UH-1-78-8) AND (AH-1-78-13).

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1. THE PURPOSE OF THIS MESSAGE IS TO CLARIFY AND STANDARDIZE THE INSPECTION REQUIREMENTS FOR ALL HELICOPTERS USING THE MODEL 540 MAIN ROTOR HUB ASSEMBLY.

2. STANDARDIZED INSPECTIONS CLN

A. DAILY INSPECTIONS CLN

(1) INSPECT HYB ASSEMBLY EXTENSIONS, DUST SHIELDS, YOKE, BLADE GRIPS, PITCH HORNS AND DRAG BRACES FOR DAMAGE, CORROSION AND SECURITY;

(2) INSPECT TRUNNION HOUSINGS (P/N 540-3211-101-9/9 HUBS ONLY) AND INBOARD FEATHERING BEARING HOUSINGS FOR PROTRUDING TEFLON, TEFLON RESIDUE, EVIDENCE OF OVERHEATING AND SECURITY OF EXTENSION SLEEVE.

(3) INSPECT OUTBOARD FEATHERING BEARINGS FOR EVIDENCE OF OVERHEATING AND TEFLON RESIDUE;

(4) INSPECT ELASTOMERIC TRUNNION BEARINGS FOR DAMAGE AND

SECURITY.

B. INTERMEDIATE INSPECTION CLN

NOTE CLN IN THE EVENT THAT ANY OF THESE AIRCRAFT ARE TRANSITIONED TO THE PHASED MAINTENANCE PROGRAM, THESE INTERMEDIATE INSPECTION

Army

UH-1-78-8  
540 rotor asst  
UH-19/m only

26 JUL 78 22 59Z

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REQUIREMENTS WILL BECOM 20-25 HOUR SPECIAL INSPECTIONS,  
(1) INSPECT FEATHERING BEARINGS FOR WQUEAKING, BINDING AND  
RATCHETING WHILE FEATHERING GRIPS TO EACH LIMIT OF TRAVEL,

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(2) INSPECT TEFLON TRUNNION BEARINGS (P/N 540-011-101-5/9 HUBS  
ONLY) FOR WQUEAKING, BLINDING AND RATCHETING WHILE FLAPPING HUB TO  
EACH LIMIT OF TRAVEL; NOTE CLN DO NOT FLAP THE ROTOR HARD AGAINST  
THE MAST.

C. SPECIAL INSPECTION CLN

NOTE CLN THE FOLLOWING ON-CONDITION SPECIAL INSPECTION SUPERSEDES  
THE CURRENT 300 HOUR MANDATORY TEAR DOWN INSPECTION.  
MAIN ROTOR HUB INSPECTION CLN THE FOLLOWING INSPECTION SHALL BE  
PERFORMED WHENEVER EXTERNAL INDICATIONS OF HUB TEFLON BEARING PROBLEMS  
EXIST, I.E., UNUSUAL NOISES, EXCESSIVE HEAT, VIBRATIONS, ETC.

(1) REMOVE HUB ASSEMBLY FROM AIRCRAFT AND DISASSEMBLY TO THE  
EXTENT REQUIRED IN ORDER TO DETERMINE THE SERVICRABILITY OF THE  
FOLLOWING COMPONENTS CLN

- (A) FEATHERING AXIS TEFLON BEARINGS,
- (B) EXTENSION SLEEVES,
- (C) RADIUS RINGS,
- (D) INBOARD BEARING HOUSING SEALS,
- (E) OUTBOARD DUST SEALS,
- (F) FLAPPING AXIS TEFLON BEARINGS (P/N 540-001-101-5/9 HUBS

ONLY).

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(2) REPLACE ITEMS AS REQUIRED; REASSEMBLE HUB ASSEMBLY AND  
REINSTALL ON AIRCRAFT.

NOTE CLN THE FOLLOWING REQUIREMENT IS APPLICABLE TO UH-10/M  
SERIES HELICOPTER ONLY CLN

(3) IF THE HUB FEATHERING AXIS BEARINGS WERE WORN TO THE EXTENT  
THAT ROTOR FEEDBACK FORCES WERE EVIDENT IN THE CONTROLS, CONNECTING  
LINKS P/N 540-011-426-1/5 SHALL BE REPLACED.

3. THE STANDARDIZED INSPECTION REQUIREMENTS LISTED ABOVE ARE  
EFFECTIVE IMMEDIATELY AND OR WILL BE  
ADDED TO THE APPLICABLE -20/-23 MAINTENANCE MANUALS AND PMS INSPECTION  
CARDS DURING FUTURE REVISIONS.

4. THE TSARCOM POINT OF CONTACT CONCERNING THIS MESSAGE IS CHARLES  
BRIGHT, AUTOVON 698-5914 OR COMMERCIAL 314-268-5914.

BT

#3213