

17 NOV 82 08 34Z

PCZUZEXH RULNNAC188 3142105-~~UUUUU--RIPWMDTA~~ 20
 ZNR UUUUU ZDK ZU: RUCDNKY0016 3242019 VOL ALL OTHERS
 P 102045Z NOV 82 ZBX
 FM ARNG-CAC EDGEWOOD AREA APO MD //NSB-AVN-L//
 TO AIG 7421
~~ROOT DA-BHCSVD~~ ARMY
 P 101435Z NOV 82
 FM CDRTSARCOM STL MO //DRSTS-HEA//
 TO AIG 8881
 AIG 7515
 RUEVHFP/NASA KENNEDY SPACE CENTER CAPE CANAVERAL FL
 //DI-SAT-23//
 RUEHO/AIT TAIPEI
 RUSHKY/ODR OHMO TOKYO JAPAN
 RUCLRFA/AMERICAN ELECTRONICS LABORATORY, P.O. BOX 691,
 //FARMINGDALE, NJ 07727//
 RUCDODA/REDSTONE ARSENAL AL //DRSMI-SF//
 INFO AIG 9024
 AIG 7314
 RUCLRFA/SANDERS ASSOCIATES INC, 95 CANALYST, MASHUA, NH 03261
 //DAMA-WSA FOR COL H. MALONEY//
 CLRFA/KAMAN AEROSPACE CORP OLD WINDSOR RD BLOOMFIELD CT
 //06002//
 RUPMAD/CUSDAO TEL AVIV ISRAEL
 RUCLRFA/US ENV PROT AGENCY REGION II 26 FEDERAL PLAZA NY NY
 RUEQLHA/NATIONAL OCEANIC AND ATMOSPHERIC ADM ROCKVILLE MD

PAGE 02 RUCIFRA UNCLAS
 //NOAA/OA2 COL L. A. WEAVER//
 RUCLEUA/TSM ATK HEL FT RUCKER AL //ATZQ-TSM-A//
 RUEHO/AIT WASH DC
 RUFLEUA/CJUSHG MAAG MADRID SPAIN //ARMY/NAVY SEC//
 RUCLRFA/DOI DEP MISS 830 3D AVE NY NY 10022
 RUCLEUA/ODRUSAAVNC FT RUCKER AL //ATZQ-DI//
 RUPMAD/CUSDAO TEL AVIV ISRAEL
 RAYAAC/HOCENG MELBOURNE AUSTRALIA //SOAIR ENG//
 RAYMPP/DEF AIR CANBERRA AUSTRALIA //OPEL-AP//
 RUCLRFA/USDA FOREST SERVICE PO BOX 2417 WASH DC 20013
 //COOPERATIVE FIRE PROTECTION//
 DA-BHCSVD

BT
 UNCLAS
 SECTION 01 OF 02
 CDR NAS JACKSONVILLE FL PASS TO CUSTOMS AIR BRANCH
 R HONESTEAD AFR HONESTEAD FL PASS TO US CUSTOMS AIR BRANCH BLDG 200
 SUBJECT THIS IS A SAFETY-OF-FLIGHT MAINTENANCE MANDATORY MESSAGE
 CONCERNING THE ONE TIME INSPECTION OF COLLECTIVE SLEEVE BEARINGS P/N

44-1-82-07
 Collective sleeve
 bearings
 44-1C/M only

19

8-011-396-1 NSN 3130-00-930-5229 AND MAIN MAST ASSEMBLY FOR ALL
AH-1 SERIES AND UH-10/M AIRCRAFT (540 ROTOR SYSTEM) (AH-1-82-13)

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(UH-1-82-07)

NOTE THIS IS A SAFETY-OF-FLIGHT, MAINTENANCE MANDATORY MESSAGE RELEASED IN ACCORDANCE WITH AR 95-18 DATED 1 MAY 1980 AND IN ACCORDANCE WITH FORTHCOMING CHANGE TO AR 95-18 APPROVED BY DEPARTMENT OF THE ARMY WHICH ESTABLISHES THE MAINTENANCE MANDATORY MESSAGE THAT MAY REQUIRE REPORTING AND IS DIRECTIVE IN NATURE. THIS MESSAGE 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. THE RETRANSMITTAL SHALL REFERENCE THIS MESSAGE. ACTION ADDRESSEES WILL IMMEDIATELY VERIFY THIS RETRANSMISSION TO COMMANDER, TSARCOM, ATTN DRSTS-MPSD.

SUSPENSE UPON RECEIPT OF THIS MESSAGE AIRCRAFT STATUS WILL BE CHANGED TO A CIRCLE RED //X//. IF INSPECTION IS NOT ACCOMPLISHED WITHIN THE NEXT 10 FLIGHT HOURS THE AIRCRAFT STATUS WILL BE CHANGED TO A RED //X//.

1. MANUFACTURING SPECIFICATIONS REQUIRE THAT THE BEARING HOUSING BE MARKED WITH THE LETTERS //TOP// TO AID IN PROPER INSTALLATION. SOME BEARINGS HAVE BEEN INADVERTENTLY MARKED WITH THE WORD //TOP// ON THE SIDE POSITION RATHER THAN THE TOP POSITION. IF THESE IMPROPERLY

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MARKED BEARINGS ARE INSTALLED IN ACCORDANCE WITH THE APPROPRIATE TM INSTRUCTIONS, DAMAGE TO THE MAST CAN OCCUR.

2. QUALITY DEFICIENCY REPORTS HAVE BEEN RECEIVED FROM THE FIELD INDICATING IMPROPERLY MARKED BEARINGS HAVE BEEN INSTALLED ON AIRCRAFT.

3. INSPECTION PROCEDURES

A. GAIN ACCESS TO INBOARD END OF RIGHT HAND AND LEFT HAND BEARING HOUSING (540-011-396-1) THROUGH THE ELONGATED HOLES IN THE SWASHPLATE SUPPORT. USING A SUITABLE INSPECTION MIRROR AND A FLASHLIGHT, VERIFY THAT THE CONCAVE CURVATURE OF THE BEARING HOUSING MATCH THE CONVEX CURVATURE OF THE MAST.

B. VISUALLY INSPECT MAST FOR GROOVES OR GOUGES.

C. ASSURE THAT THE BEARING IS MARKED //TOP// IN PROPER LOCATION.

4. IF INSPECTION RESULTS IN 3A, 3B, AND 3C ARE SATISFACTORY, NO FURTHER ACTION IS REQUIRED.

5. IF INSPECTION RESULTS ARE NOT SATISFACTORY, ACCOMPLISH THE FOLLOWING

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#0100

PCTUZEXW RULNNAG0189 314218Z-UUUU-RUWHDTA;

ZNR UUUUU

0 182845Z NOV 82 ZEX

FM ARNG-OAC EDGEWOOD APO MD //NOB-IVN-C//

TO AIG 7481

ACOT DA-BHCSVD

0 182843Z NOV 82

FM CDRTSARCOM STL MO //DRSTS-MBA//

TO AIG 8881

AIG 7515

RUEVHPP/NASA KENNEDY SPACE CENTER CAPE CANAVERAL FL

//DI-SAT-23//

RUEHC/AIT TAIPEI

RUEHKY/CDR CHMDO TOKYO JAPAN

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RUEOLMA/NATIONAL OCEANIC AND ATMOSPHERIC ADM ROCKVILLE MD

ARMY
no letter on file
notify a.m.

28

13 NOV 82 23 55Z

PAGE 02 RUCIFRA UNCLAS

//NOAA, OAC COL L. A. WEAVER//

RUCLEUA/TSM ATK HEC FT RUCKER AL //ATZQ-TSM-A//

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RAYWPP/DEFAIR CANBERRA AUSTRALIA //OPEL-AF//

RUCLRFA/USDA FOREST SERVICE PO BOX 2417 WASH DC 20013

//COOPERATIVE FIRE PROTECTION//

ACOT DA-BHCSVD

BT

UNCLAS

FINAL SECTION OF 02

A: PART 1 - IF BEARINGS ARE CORRECTLY INSTALLED BUT IMPROPERLY

WORKED, ACCOMPLISH THE FOLLOWING

(1) REMOVE THE COLLECTIVE COVER ASSEMBLY AND DISCREPANT

BEARINGS;

(2) OBLITERATE THE OLD MARKINGS USING A VIBRA ETCHER; THEN
MARK THE BEARINGS PROPERLY //TOP// ON TOP OF BEARING HOUSING;

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(3) REASSEMBLE AIRCRAFT AND PERFORM FUNCTIONAL CHECKS AS
REQUIRED;

5. PART 11 - IF BEARINGS ARE INCORRECTLY INSTALLED

(1) REMOVE COLLECTIVE LEVER AND DISCREPENT BEARINGS; DISCARD
BEARINGS;

(2) ROTATE MAIN ROTOR ONE COMPLETE REVOLUTION WHILE
COLLECTIVE SLEEVE IS IN THE FULL UP POSITION; INSPECT OUTSIDE
DIAMETER OF NAST FOR SCORING DAMAGE ALONG FULL LENGTH OF TRAVEL OF
COLLECTIVE SLEEVE; IF NAST SURFACE IS DAMAGED; REFER TO THE
APPROPRIATE TECHNICAL MANUAL FOR DAMAGE CRITERIA;

(3) REASSEMBLE AIRCRAFT AND PERFORM FUNCTIONAL CHECKS AS
REQUIRED;

6. PARTS ON HAND OR IN SUPPLY WILL BE INSPECTED; IF BEARINGS ARE
IMPROPERLY MARKED OBLITERATE THE OLD MARKINGS AND MARK PROPERLY WITH
THE VIBRA ETCHER; RECOMMEND A QUALIFIED AIRCRAFT TECHNICAL INSPECTOR
BE UTILIZED TO PERFORM INSPECTION;

7. PARTS IN DEPOT WILL BE INSPECTED; IF PARTS ARE IMPROPERLY MARKED
THE OLD MARKINGS WILL BE OBLITERATED AND BEARINGS WILL BE PROPERLY
MARKED PRIOR TO ISSUE;

8. TIME REQUIRED TO PERFORM INSPECTION 30 MINUTES;

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9. TIME TO CHANGE PARTS FOUR HOURS; TIME INCLUDES MAINTENANCE
FUNCTIONAL CHECKS;

10. RECORDING AND REPORTING OF INSPECTION

A. RECORD ACCOMPLISHMENT OF YOUR INSPECTION IN ACCORDANCE WITH
THE PROCEDURE IN TM 38-750; THE FOLLOWING FORMS ARE APPLICABLE:

(1) DA FORM 2488-13, AIRCRAFT INSPECTION AND MAINTENANCE
RECORD;

(2) DA FORM 2488-15, AIRCRAFT HISTORICAL RECORD;

B. SAFETY-OF-FLIGHT MESSAGE FOLLOW-UP REPORT RCS#080LD#1860;
MACOMS AND OTHER ACTION ADDRESSEES; UPON COMPLETION OF REQUIREMENT
SET FORTH IN THIS MESSAGE, OR NOT LATER THAN SEVEN DAYS AFTER
TRANSMISSION OF THIS MESSAGE (DATE/TIME GROUP) WILL FORWARD A MESSAGE
REPORT OF ACTION ACCOMPLISHED TO COMMANDER, TSARCOM, ATTN
DRSTS#MPSD, PER AR 95-18; UNITS WILL BE REPORTED AS DELINQUENT SEVEN
DAYS AFTER TRANSMISSION OF THIS MESSAGE; THE REPORT WILL CITE THE
SAFETY-OF-FLIGHT MESSAGE, TB NUMBER, THE AIRCRAFT MISSION DESIGN
SERIES, AND SERIAL NUMBERS OF THE AIRCRAFT; IF ALL REQUIRED ACTIONS
ARE NOT COMPLETED, THE REPORT WILL ALSO CONTAIN THE DATE BY WHICH IT
IS ESTIMATED THEY WILL BE COMPLETED; WHEN THE ESTIMATED DATE OF
COMPLETION ARRIVES; THE SERIAL NUMBERS REPORTED PREVIOUSLY AS NOT

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