

INSTRUCTIONS

All sections

JOTUZEYN BULNNA02235 3551625-UUUU--RUKMDTA;

ZNR UUUUU  
3 211600Z DEC 82 ZEX  
FM MGR ARNG OAC EA APG MD //NOB-AVN//  
TO AIG 7401

ARMY

Q

ACCT DA-BHCSVD  
3 211430Z DEC 82  
FM CDRTSARCOM STL MO //DRSTS-NEA//  
TO AIG 8861

AIG 7513  
RUEVHFP/NASA KENNEDY SPACE CENTER FL //DI-SAT-23//  
RUEHIN/AIT TAIPEI TAINAN  
RUEHKY/CHMDO TOKYO JAPAN  
RUCLRFA/AMERICAN ELECTRONICS LABORATORY PO BOX 694  
FARMINGDALE NJ 07727  
RUCDSDA/CDRMICOM REDSTONE ARS AL //DRSHI-ST//  
INFO AIG 9884

AIG 7514  
RUCLRFA/SANDERS ASSOCIATES INC 95 CANAL ST NASHUA NH 03061  
DANA-HSA FOR COL H. MALONEY//

RUCLRFA/KAMAN AEROSPACE CORP OLD WINDSOR RD BLOOMFIELD CT  
36882  
RUCMAD/USDAO TEL AVIV ISRAEL  
RUCLRFA/US ENV PROT AGENCY REGION II 26 FEDERAL PLAZA NY NY  
RUEOLMA/NATIONAL OCEANIC AND ATMOSPHERIC ADM ROCKVILLE MD  
//NOAA/OAS COL L. A. WEAVER//

PAGE 02 RUCIFRA6583 UNCLAS  
RUCLEUA/TSM ATK HELI PT RUCKER AL //ATZQ-TSM-A//  
RUEHIN/AIT WASH DC  
RUPLAFA/CJUSMAG MAAG MADRID SPAIN //ARMY/NAVY SEC//  
RUCLEUA/CDRUSAAYNO FT RUCKER AL //ATZQ-DI//  
RUCMAD/USDAO TEL AVIV ISRAEL  
RAYAAO/HQSCENG MELBOURNE AUSTRALIA //SOAIR ENG//  
RAYWPP/DEFAIR CANBERRA AUSTRALIA //OPEL-AF//  
RUCLRFA/USDA FOREST SERVICE PO BOX 2417 WASH DC 20213  
//COOPERATIVE FIRE PROTECTION//  
ACCT DA-BHCSVD

UH-1-82  
tail boom  
204-030-9

BT  
UNCLAS  
SECTION 01 OF 02

CDR NAS JACKSONVILLE FL PASS TO CUSTOMS AIR BRANCH  
CDR HOMESTEAD AFB HOMESTEAD FL PASS TO US CUSTOMS AIR BRANCH BLDG 208  
SUBJECT SAFETY OF FLIGHT MAINTENANCE MANDATORY MESSAGE, INSPECTION  
OF TAILBOOM FITTINGS (P/N 284-238-818-7 OR P/N 284-831-818-1),  
UNDERNEATH HANGER BEARING ASSEMBLIES, FOR ALL SERIES UH-1 AIRCRAFT  
(UH-1-82-88)

NOTE THIS IS A SAFETY OF FLIGHT, MAINTENANCE MANDATORY MESSAGE!  
RELEASED IN ACCORDANCE WITH AR 95-18 DATED 1 MAY 1988 AND IN:

PAGE 03 RUCIFRA6583 UNCLAS

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=MPSQ.  
SUSPENSE UPON RECEIPT OF THIS MESSAGE AIRCRAFT STATUS WILL BE  
CHANGED TO A CIRCLE RED //X// UNTIL REQUIREMENTS OF THIS MESSAGE ARE  
ACCOMPLISHED. APPLICABLE PORTION OF CHAPTER 2, TR 55-1500-320-25  
REGARDING OVERDUE INSPECTION ARE WAIVED.  
A, TM 55-1520-210-23R1, FIGURE 9, ITEMS 10 AND 42 FOR UH-1B/C/M;  
B, TM 55-1520-210-23R1, FIGURE 13, ITEMS 32 AND 33 FOR UH-1H/V,  
EH-1H, AND EH-1X;

1. SUMMARY

A. RECENTLY US ARMY EUROPE REPORTED THAT DURING A HANGER BEARING  
ASSEMBLY REPLACEMENT THE TAIL BOOM FITTING OR STRUCTURAL SUPPORT,  
ITEM 33 OF B ABOVE, WAS FOUND CRACKED ON BOTH SIDES. A FURTHER

PAGE 04 RUCIFRA6583 UNCLAS

INSPECTION OF NINE AIRCRAFT REVEALED SIX FITTINGS CRACKED ON ONE SIDE  
ONLY.

B. THE FOLLOWING CONDITIONS CAN CAUSE THE STRUCTURAL SUPPORT  
FITTING TO BE DAMAGED OR CRACKED.

- (1) HANGER BEARING INSTALLED UPSIDE DOWN,
- (2) STRUCTURAL SUPPORT BRACKET, ITEM 32 OF FIGURE 13 OF  
REFERENCE B INSTALLED IN LIEU OF ITEM 33,
- (3) STRUCTURAL SUPPORT BRACKET INSTALLED BACKWARDS,
- (4) FAILURE TO DO A PARTIAL ALIGNMENT CHECK BETWEEN NO. 1 AND

BT  
#0235



CONDITION STATUS OF ALL SERIES UH-1 AIRCRAFT WILL BE CHANGED TO A  
CIRCLE RED //X//. AIRCRAFT WILL BE INSPECTED AS SOON AS PRACTICAL OR  
WITHIN 25 FLIGHT HOURS OR 30 DAYS WHICHEVER OCCURS FIRST AFTER DATE

PAGE 03 RUCIFRA6585 UNCLAS

TIME GROUP OF THIS MESSAGE:

1. INSPECTION PROCEDURES

A. REFER TO A AND B ABOVE DEPENDING ON MODEL AIRCRAFT TO BE  
(INSPECTED, NO DISASSEMBLY OF HANGER ASSEMBLIES IS NECESSARY.

B. FOR ALL UH-1 SERIES AIRCRAFT INSPECT THREE EACH FITTINGS ON  
THE TAILBOOM VISUALLY FOR CRACKS ON BOTH LEFT AND RIGHT SIDES,  
USING AN INSPECTION MIRROR AND FLASHLIGHT IF NECESSARY, VISUALLY  
CHECK FRONT, REAR, SIDE, TOP, AND BOTTOM OF FITTING (BOTH SIDES)  
PAYING PARTICULAR ATTENTION IN THE AREA OF THE MOUNTING HOLES.

C. IN ADDITION, USE THE SAME INSPECTION AS IN PARAGRAPH 3B  
ABOVE ON THE CANTED ENGINE DECK HANGER SUPPORT FITTING FOR UH-1H/V  
UH-1H, AND EH-1X MODEL AIRCRAFT.

4. CORRECTIVE ACTIONS

A. IF A VISUAL CRACK IS NOTICED ON ONLY ONE SIDE OF ANY ONE  
SUPPORT FITTING, A ONE TIME FLIGHT IS AUTHORIZED TO NEAREST  
MAINTENANCE FACILITY, AT WHICH TIME THE AIRCRAFT WILL BE GROUNDED  
PENDING REPLACEMENT.

B. IF VISUAL CRACKS ARE NOTICED ON BOTH SIDES OF ANY ONE  
SUPPORT FITTING, AIRCRAFT WILL BE IMMEDIATELY GROUNDED PENDING  
REPLACEMENT.

PAGE 04 RUCIFRA6585 UNCLAS

7. RECORDING AND REPORTING OF INSPECTION

A. RECORD AND REPORT ACCOMPLISHMENT OF INSPECTION IN ACCORDANCE  
WITH THE PROCEDURES IN TM 38-750. THE FOLLOWING FORMS ARE  
APPLICABLE

(1) DA FORM 2428-13, AIRCRAFT INSPECTION AND MAINTENANCE  
RECORD;

(2) DA FORM 2428-19, AIRCRAFT HISTORICAL RECORD.  
B. SAFETY OF FLIGHT MESSAGE FOLLOW UP ROS-C59CD-1688. UPON  
COMPLETION OF THE REQUIREMENT SET FORTH IN THIS MESSAGE, OR NOT  
LATER THAN 13 JANUARY 1983, WILL FORWARD MESSAGE REPORT OF ACTIONS  
ACCOMPLISHED TO COMMANDER, TSARCOM, ATTN DRSTS-MPSD PER AR  
05-18. THE REPORT WILL CITE THIS MESSAGE NUMBER (UH-1-82-28), THE  
AIRCRAFT MISSION DESIGN AND SERIES, AND SERIAL NUMBER OF THE  
AIRCRAFT, TO INCLUDE DISCREPANT TAILBOOM FITTINGS FOUND, BY PART  
NUMBER. 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 COMPLIED WITH WILL BE  
REPORTED BY MESSAGE, WITH PRESENT STATUS AND REVISED ESTIMATED  
COMPLETION DATE, REVISED ESTIMATED COMPLETION DATES AND STATUS.