

17 Nov 76 15 59z

PRIORITY

ARMY

BT
TUZEXN RULNNAC4839 3221543-UUUU--RUMMDTA;
NR UUUUU
R 171534Z NOV 76 ZEX
FM CDR ARNG=DAC EDGEWOOD ARSENAL MD //OAC-AVN-L//
TO AIG 7481
INFO RUEFHQA/NOB WASH DC //NOB-ARL-A//
R 162208Z NOV 76
FM CDR USAAVSCOM STL MO //DRSAV-FEU//
TO AIG 8881
INFO AIG 9884
CDRUSARPA FT WORTH TX //SAVBE-E//
CDRUSASAFSCOM HUNTSVILLE AL
CDRUSAAVNC FT RUCKER AL
BT

UNCLAS SECTION 1 OF 11

NOTE - 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,
THE RETRANSMITTAL SHALL REFERENCE THIS MESSAGE;
SUBJECT - SAFETY-OF-FLIGHT MESSAGE (ONE TIME INSPECTION) FOR
UH-1B/D/H HELICOPTERS, TB 55-1588-219-28-6, DEFECTIVE CONNECTING

PAGE 2 RULNNAC4839 UNCLAS

LINKS, (UH-1-76-25),

1. SUMMARY OF PROBLEM - DETERMINATION HAS BEEN MADE THAT ALL OF THE
RIGID CONNECTING LINKS P/N 284-876-267-1 AND -5 MANUFACTURED BY
CENTURY METAL PRODUCTS, INC, UNDER CONTRACTS DAAJ01-75-C-8833 AND
DAAJ01-76-C-8388 ARE DEFECTIVE; THE INTERNAL THREADS OF THE
COUPLING WHICH CONNECTS TO THE HYDRAULIC SERVO PISTON ROD ARE
INCORRECTLY FORMED; WITH THE RESULT THAT THE RIGID CONNECTING LINK
CAN BE SCREWED ONTO THE SERVO PISTON ROD BUT IS EXCESSIVELY LOOSE
TO THE POINT OF Wobble; ALL OF THE PARTS HAVE BEEN DELIVERED BY
THE CONTRACTOR; A MAJORITY OF THE PARTS HAVE BEEN FOUND IN DEPOT
STOCK, HOWEVER, 48 TOTAL (31 OF P/N 284-876-267-1 AND 17 OF P/N
284-876-267-5) ARE UNACCOUNTED FOR AND ARE BELIEVED TO BE IN UNIT
STOCKS AND/OR INSTALLED IN AIRCRAFT, THE PURPOSE OF THIS MESSAGE
IS TO LOCATE THE DEFECTIVE PARTS AND REMOVE THEM FROM SERVICE;

2. PRIORITY CLASSIFICATION -

A. EQUIPMENT IN USE - URGENT WITH LIMITATIONS; UPON RECEIPT
OF THIS MESSAGE, THE STATUS OF THE AIRCRAFT WILL BE CHANGED TO A
CIRCLED RED X, FAILURE TO ACCOMPLISH WITHIN THE HOURS/DAYS
SPECULATED WILL CAUSE CONDITION STATUS SYMBOL TO BE CHANGED TO A
RED X, EQUIPMENT IN SUE WILL BE INSPECTED AS SOON AS PRACTICABLE

2 DEC 76
18237

RAAUZEXW RULNNAC4998 3371741-UUUU--RUWMDTA;
ZNR UUUUU

021641Z DEC 76 ZEX
FM ARNG-OAC EDGEWOOD MD//NGB-AVNL//
TO AIG 7481

ARMY
2

INFO RUEPHOA/CNGB WASH DC//NGB-ARL-A//
RUEDBJB/CT TARS GROTON CT
RUVMBEA/CA TARS FRESNO CA
RUMTBUA/MS TARS GULFPORT MS
RUKTAHR/MO TARS SPRINGFIELD MO

BT
UNCLAS

SUBJ - AUXILIARY FUEL SYSTEMS FOR UH1B;
1. EXTERNAL AUXILIARY FUEL SYSTEM IS AUTH FOR USE ON UH1B HELICOPTER;
THE ARNG AVIATION LOGISTICS OFFICE (ALO) WILL ALLOCATE EXTERNAL FUEL
SYSTEM ON THE BASIS OF ONE SYSTEM PER 4 UH1B HELICOPTERS ASSIGNED AS
UTILITY HELICOPTERS;

2. LISTED BELOW ARE ITEMS THAT COMPRISE A SYSTEM CLM
- | | | |
|----------------------|------------------|-----|
| UH1B PYLON | 1560-00-994-5898 | 2EA |
| KIT EXT STORES RACK | 1560-00-960-4045 | 1EA |
| UH1B 60 GAL EXT TANK | 1560-00-994-5897 | 2EA |
| UH1B FUEL TANK INST | 1560-00-994-9003 | 1EA |

ANY EXCESS OF ABOVE ITEMS SHOULD BE REPORTED TO ALO, POC IS
CW3 JERRY NOWICKI, AUTOVON 584-2029, FOR DISPOSITION;

4. ANY UNIT DESIRING ABOVE ITEMS OR HAVING EXCESS SHOULD REPORT
SAME TO ALO, CW3 JERRY NOWICKI, AUTOVON 584-2029, NLT 15 DEC 76;

BT
#4998

10
~

MNNN

17 Nov 76 10 11z

ARMY

PTTUZEXH RULNNAC4848 3221543-UUUU--RUMMDTA
ZNR UUUUU
R 171934Z NOV 76 ZEX
FM CDR ARNG-OAC EDGEWOOD ARSENAL MD //OAC-AVN-L//
TO AIG 7481
INFO RUEFHQA/NOB WASH DC //NOB-ARL-A//
P R 162200Z NOV 76
FM CDR USAAVSCOM STL MO //DRSAV-FEU//
TO AIG 8881
INFO AIG 9024
CDRUSABPA FT WORTH TX //SAVBE-E//
CDRUSASAFSCOM HUNTSVILLE AL
CDRUSAAVNC FT RUCKER AL

BT
UNCLAS FINAL SECTION OF II
SUBJECT - SAFETY-OF-FLIGHT MESSAGE (ONE TIME INSPECTION) FOR
UH-1B/D/H HELICOPTERS, TB 95-1500-219-20-6, DEFECTIVE CONNECTING
LINKS, (UH-1-76-25),
E. CONNECTING LINKS IDENTIFIED TO THE ABOVE CONTRACTS OR WITH
E. ISSIVE TRAVEL ARE TO BE REMOVED FROM SERVICE IN ACCORDANCE WITH
PARAGRAPH 7B ABOVE;
10. WEIGHT AND BALANCE DATA - N/A

PAGE 2 RULNNAC4848 UNCLAS

11. RECORDING AND REPORTING INSTRUCTIONS -

A. RECORD AND REPORT ACCOMPLISHMENT OF THIS INSPECTION IN
ACCORDANCE WITH THE PROCEDURES PRESCRIBED IN TM 38-750; THE FOL-
FORMS ARE APPLICABLE - DA FORM 2427, MAINTENANCE REQUEST; DA FORM
2408-13, AIRCRAFT INSPECTION AND MAINTENANCE RECORD, DA FORM 2408-15,
AIRCRAFT HISTORICAL RECORD;

B. GROUNDING AND SAFETY-OF-FLIGHT MESSAGE FOLLOW-UP REPORT
RCS-AMC 213, ACTION ADDRESSEES UPON COMPLETION OF THE REQUIREMENT
SET FORTH IN THIS MSG OR NOT LATER THAN FIVE DAYS AFTER DATE OF
THIS MSG, WILL FORWARD A MSG REPORT OF ACTIONS ACCOMPLISHED TO
CDR, USAAVSCOM, ATTN - DRSAV-EK, PER AR 95-18, THE REPORT WILL
CITE THE TB, THE AIRCRAFT MISSION DESIGN AND SERIES, AND PERTINENT
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; ROUTING SYMBOL AS CONTAINED IN
AR 95-18, WILL BE CHANGED AS INDICATED ABOVE;

C. LINKS FOUND TO BE DISCREPANT IN ACCORDANCE WITH THIS MSG
ARE TO BE REPORTED TO AVSCOM; ATTN - DRSAV-QNUA BY P/N AND QUANTITY;
1. IF ADDITIONAL INFO OR CLARIFICATION OF THIS MSG IS REQUIRED,
CONTACT MR. JAMES DIXON, AVSCOM, AUTOVON 698-3866, COML 314-268

PAGE 3 RULNNAC4839 UNCLAS

BUT NOT LATER THAN 15 FLYING HOURS OR 18 DAYS WHICHEVER OCCURS FIRST, AFTER DATE OF THIS MESSAGE, NOTE - SEE PARA 7, AR 95-18 FOR NONCOMPLIANCE AUTHORITY OF UNIT AND MAJOR COMMANDERS;

B, EQUIPMENT IN FIELD AND DEPOT STOCK - URGENT WITH LIMITATIONS; SERVICABLE EQUIPMENT IN FIELD AND DEPOT STOCKS WILL BE INSPECTED AS SOON AS PRACTICABLE BUT NOT LATER THAN 30 DAYS FROM THE PRINTING DATE OF THE PUBLISHED TB; STOCKS OF THIS EQUIPMENT WILL NOT BE ISSUED UNTIL INSPECTED;

3, END ITEM TO BE INSPECTED - ALL UH-1H/D/H HELICOPTERS LOCATED WORLDWIDE;

4, COMPONENTS TO BE INSPECTED - N/A

5, PARTS TO BE INSPECTED -

A, RIGID CONNECTING LINK, NSN 3040-00-982-8221 P/N 204-076-267-1

B, RIGID CONNECTING LINK, NSN 3040-00-982-8222 P/N 204-076-267-5

6, APPLICATION -

A, CATEGORY OF MAINTENANCE -

(1) OPERATIONAL AIRCRAFT - ORGANIZATIONAL MAINTENANCE;

(2) AIRCRAFT UNDERGOING MAINTENANCE - ORGANIZATION PERFORMING

MAINTENANCE;

(3) AIRCRAFT IN TRANSIT -

PAGE 4 RULNNAC4839 UNCLAS

(A) IN SURFACE SHIPMENT - MAINTENANCE ACTIVITY AT FINAL DESTINATION;

(B) IN FERRY STATUS - TO BE INSPECTED AT FINAL DESTINATION;

B, APPLIED BY - AIRCRAFT MECHANIC 67N;

C, TIME REQUIRED -

(1) APPROXIMATELY FIVE MAN-HOURS AND A MINIMUM CREW OF ONE MAN IS REQUIRED TO ACCOMPLISH THIS INSPECTION;

(2) DOWNTIME FOR THIS END ITEM TOTAL FIVE HOURS;

7, SUPPLY KITS/PARTS AND DISPOSITION;

A, THE FOLLOWING PARTS MAY BE REQUIRED;

(1) ONE EACH CONNECTING LINKS NSN 3040-00-982-8221 P/N 204-076-267-1;

(2) ONE EACH CONNECTING LINK NSN 3040-00-982-8222 P/N 204-076-267-5;

B, PARTS DISPOSITION -

CONNECTING LINKS REMOVED FROM SERVICE FOR THE DISCREPANCY CITED IN THIS MESSAGE SHALL BE IMMEDIATELY FORWARDED TO COMMANDER, CCAD, TEXAS, M/F AVSCOM ACCOUNT 5-3723; ITEMS SHOULD BE TAGGED FOR REWORK SOP TB 55-1500-219-20-6;

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

PAGE 5 RULNNAC4839 UNCLAS

9, INSPECTION PROCEDURE -

A, INSPECT FOR CONNECTING LINKS P/N 204-076-267-1 USED IN LATERAL CYCLIC (LEFT CYCLIC) AND P/N 204-076-267-5 USED IN COLLECTIVE POSITION THAT WERE MANUFACTURED BY CENTURY METAL PRODUCTS INC, UNDER CONTRACTS DAAJ01-75-C-0833 AND DAAJ01-76-C-0300;

B. THE CONNECTING LINKS FROM THE ABOVE CONTRACTS WERE DELIVERED AFTER 1 MAR 76, AIRCRAFT WITH POSSIBLE AND/OR KNOWN REPLACEMENT LINKS SINCE 1 MAR 76 REQUIRE THE FOLLOWING INSPECTION, ALL OTHER AIRCRAFT MAY BE RELEASED FOR FLIGHT,

C. CONNECTING LINKS IN THEIR ORIGINAL PACKAGE CAN BE IDENTIFIED BY THE CONTRACT NUMBER ON THE PACKAGING, UPON REMOVAL FROM PACKING THE CONNECTING LINK IS NOT IDENTIFIABLE, AS TO MANUFACTURE UNIDENTIFIABLE UNINSTALLED LINKS ARE TO BE CHECKED FOR EXCESSIVE LOOSENESS THROUGH THE USE OF A SERVO ASSEMBLY AS ADVISED IN THE NEXT PARAGRAPH,

D. INSTALLED UNIDENTIFIABLE LINKS REQUIRE REMOVAL OF THE SERVO ASSEMBLY AND LINK AS A UNIT, RECORD ROD MEASUREMENT TO PRECLUDE RE-RIGGING, THE JAM NUT IS TO BE UNSCREWED, THE LINK IS TO BE TURNED TO GO UP OR DOWN ON THE SERVO CYCLE PISTON ROD TILL THE LINK COUPLING SAFETY HOLE IS ALIGNED WITH THE END OF THE PISTON ROD, BY SOME MEANS,

PAGE 6 RULNNAC4839 UNCLAS

FIRMLY HOLD THE SERVO ASSEMBLY AND CHECK THE FULL SIDE TRAVEL OF THE CONNECTING LINK AT THE CLEVIS END, SIDE TRAVEL IS CHECKED AT CLEVIS END, TRAVEL OF P/N 204-076-267-1 LINK WITH CLEVIS INSTALLED SHALL NOT EXCEED 7/16 INCH, SIDE TRAVEL OF P/N 204-076-267-5 LINKS WITH CLEVIS INSTALLED SHALL NOT EXCEED 3/8 INCH, PROPER THREADS FOR EITHER LINK A 7/8 - 14 INF-3B PER MIL-5-7742;

BT

#4839
CP

NNNN

17 Nov 76 10 11z

PTTUZEXM RULNNAQ4848 3221543-UUUU--RUHMDTA/
ZNR UUUUU
R 171934Z NOV 76 ZEX
FM CDR ARNG-OAC EDGEWOOD ARSENAL MD //OAC-AVN-L//

ARMY

TO AIG 7481
INFO RUEFHQA/NGB WASH DC //NGB-ARL-A//
P R 162200Z NOV 76
FM CDR USAAVSCOM STL MD //DRSAV-FEU//
TO AIG 8881
INFO AIG 9884
CDRUSABPA FT WORTH TX //SAVBE-E//
CDRUSASAFSCOM HUNTSVILLE AL
CDRUSAAVNO FT RUCKER AL

BT
UNCLAS FINAL SECTION OF II
SUBJECT - SAFETY-OF-FLIGHT MESSAGE (ONE TIME INSPECTION) FOR
UH-1B/D/H HELICOPTERS, TB 55-1528-219-20-6, DEFECTIVE CONNECTING
LINKS, (UH-1-76-25);
E, CONNECTING LINKS IDENTIFIED TO THE ABOVE CONTRACTS OR WITH
EXCESSIVE TRAVEL ARE TO BE REMOVED FROM SERVICE IN ACCORDANCE WITH
PARAGRAPH 7B ABOVE;
1B, WEIGHT AND BALANCE DATA - N/A

PAGE 2 RULNNAQ4848 UNCLAS
11. RECORDING AND REPORTING INSTRUCTIONS -
A, RECORD AND REPORT ACCOMPLISHMENT OF THIS INSPECTION IN
ACCORDANCE WITH THE PROCEDURES PRESCRIBED IN TM 38-750; THE FOL-
FORMS ARE APPLICABLE - DA FORM 2427, MAINTENANCE REQUEST; DA FORM
2486-13, AIRCRAFT INSPECTION AND MAINTENANCE RECORD; DA FORM 2486-15,
AIRCRAFT HISTORICAL RECORD;
B, GROUNDING AND SAFETY-OF-FLIGHT MESSAGE FOLLOW-UP REPORT
RCS-AMC 213, ACTION ADDRESSEES UPON COMPLETION OF THE REQUIREMENT
SET FORTH IN THIS MSG OR NOT LATER THAN FIVE DAYS AFTER DATE OF
THIS MSG, WILL FORWARD A MSG REPORT OF ACTIONS ACCOMPLISHED TO
CDR, USAAVSCOM, ATTN - DRSAV-EK, PER AR 95-18, THE REPORT WILL
CITE THE TB, THE AIRCRAFT MISSION DESIGN AND SERIES, AND PERTINENT
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; ROUTING SYMBOL AS CONTAINED IN
AR 95-18, WILL BE CHANGED AS INDICATED ABOVE;
C, LINKS FOUND TO BE DISCREPANT IN ACCORDANCE WITH THIS MSG
TO BE REPORTED TO AVSCOM; ATTN - DRSAV-QXUA BY P/N AND QUANTITY;
IF ADDITIONAL INFO OR CLARIFICATION OF THIS MSG IS REQUIRED,
CONTACT MR. JAMES DIXON, AVSCOM, AUTOYDN 698-5866, COML 314-268