Directees should immediately retransmit this message. All subordinate units, activities, or elements affected are to be immediately advised. The retransmittal shall be reference this message action addressees will immediately verify this retransmission to commander, AVSCOM, ATTNC-HE (SCF Compliance Officer).

Reference -
(1) AVSCOM message 111815Z MAY 86, SUBJ: SAFETY OF FLIGHT 
MESSAGE, TECHNICAL, RCS OSGD 184G (R1), UH-1/SH-1 SERIES AIRCRAFT, 
THE TIME INSPECTION OF TRUSSION BEARINGS (UH-1-86-06) 
(2) TM 55-1520-242-23-1, AVIATION UNIT AND INTERMEDIATE INSTRU-
MENTATION UCRFRA773 UNCLASSI 
FICATION: ARMY MODEL UH-1, H/SH-1H HELICOPTERS DATED 20 FEB 79 AND 
HANGED THROUGH CHANGE 53, 29 JAN 86.

Summary of Problem.
A feedback from the field indicates that inspection criteria 
and reference C(1) message were more stringent than necessary. The 
inspection criteria have been reviewed. This message revises the 
inspection criteria.

The purpose of this message is to provide the new inspection 
criteria. Components/aircraft which have previously passed the ori-

dinal inspections need not be reinspected. Those rejected under 
the original criteria should be re-evaluated to determine if they 
now pass.

Priority Classification - Subparagraph 2F is revised to:
F. Components in stock at all levels - units will inspect compon 
ents listed in paragraph 4 below prior to installation.
End items to be inspected - no change
Assembly components to be inspected - no change
D. PUBLICATIONS WHICH REQUIRE CHANGE -
(1) REFERENCE (C(2)) WILL BE REVISED TO REQUIRE PULL TEST ON OUTER RING TRUHNIOS ONLY.
(2) REFERENCE (C(2)) WILL BE REVISED TO REQUIRE INSPECTION PRIOR TO INSTALLATION.
(3) REFERENCE (C(2)) WILL BE REVISED TO ALLOW SCRATCHES UP TO 8 INCH DEPTH IN HOLES.
SPECIAL TOOLS/JIGS AND FIXTURES - NO CHANGE.
INSPECTION PROCEDURES - DELETE EXISTING PARAGRAPH AND REPLACE WITH (SEE REF (C(2)), CHAPTER 5).
A. INSPECT ALL FIVE TRUHNIOS BORES (FIGURE 5-24, ITEM 18).
B. REMOVE 5-60 FOR WEAR. UNIDALL CRACKS AND PROPER INSTALLATION.
C. CIRCLIP BORE S FOR CRACKS ON BOTH SIDES OF THE UNIDALL USING MAGNIFICATION FROM 5 TO 10 POWER.
D. CHECK TWO TRUHNIOS IN THE OUTER RING FOR PROPER INSTALLATION.
E. ASSEMBLE AS FOLLOWS AND CONTINUE INSPECTION -
(1) DISCONNECT DRIVE LINKS FROM SWASHPLATE OUTER RING (2 LACES) PER PARAGRAPH 5-7BC.

AGE 4 NUCIFERA774 UNCLAS
(2) REMOVE TRUHNIOS BORES PER PARAGRAPHS 5-62 F AND H.
FINDING DURING REMOVAL OF NUTS AND BOLTS ON DAMAGE ON THE SHANK OF THE BOLTS MAY INDICATE IMPROPER INSTALLATION.
B. CHECK EACH TRUHNIOS SHAFT FOR PRETTHING WEAR OR OTHER DEFECTS.
C. CHECK OUTER RING HOLES FOR SCRATCHES. SCRATCHES UP TO .005 INCH DEPTH AND WIDTH ARE ACCEPTABLE IN BOTH INNER AND OUTER RING HOLES.
D. INSTALL SERVICEABLE TRUHNIOS IN SWASHPLATE PER REF C PARA W-47 AND T. DO NOT INSTALL BOLTS. REF (C(2)), FIGURE 5-37, ITEMS 1, 2, AND 17.
E. PERFORM FULL TEST PER WARNING NOTE ON PAGE 5-64, PARAGRAPH 47. COMPLETE INSTALLATION OF TRUHNIOS PER PARAGRAPH 5-64.
F. BOLTS MUST BE PUSHED THROUGH BY HAND AND BE PERFECTLY ALIGNED WITH THE GROOVES ON TRUHNIOS SHAFT TO AVOID SAFETY OF FLIGHT CONDITIONS.
G. CONNECT DRIVE LINKS TO SWASHPLATE OUTER RING PER PARAGRAPH 445 OF REFERENCE (C(2)).
H. WEIGHT AND BALANCE - NO CHANGE.
I. RECORDING AND REPORTING REQUIREMENTS - NO CHANGE.

AGE 5 NUCIFERA774 UNCLAS
A. POINTS OF CONTACT.
B. FOREIGN MILITARY SALES (FMS): RECIPIENTS REQUIRING NOTIFICATION OF ACTION ADVISED BY THIS MESSAGE SHOULD CONTACT CW4 D.M. SANDER, AUTOVON 433-2126 OR COMMERCIAL (314) 243-2126.
C. TECHNICAL POINT OF CONTACT FOR THIS MESSAGE IS MR. KEN REY, AUTOVON 433-1675 OR COMMERCIAL (314) 243-1675.
D. LOGISTICAL POINT OF CONTACT FOR THIS MESSAGE IS MR. DEAN WILSON, AUTOVON 433-1228 OR COMMERCIAL (314) 243-1228.
F. MESSAGE POINT OF CONTACT IS MR. LYELL MYERS, AUTOVON 433-2126 OR COMMERCIAL (314) 243-2126.
STATE & PRIVATE FORESTRY STAFF

REVIEW

INU 08

MAY 06

TO AIG 8081
AIG 9024
AIG 8708
AIG 7515
AIG 9042
RUEHRO/US EMBASSY ROME ITALY/ODC/PASS TO HQ KFO/
RUEVDFL/US EYN PROXY REGION II 20 FEDERAL PLAZA NY NY
RUCIFRDO/NOAA OF CO ACFT OPERATIONS ACFT MAINT DIV MIAMI FL
33102 (RELEX NO 006199)
RUEHNA/AIT TAIPEI TAIWAN
RUEHC/AIT WASH DC
RUEHBN/COMUSMILGP SAN SALVADOR EL SALVADOR/SCIS-AF/
RUEHTG/COMUSMILGP TEJUCI SALTAL HO
RUEHBO/COMUSMILGP BOGOTA COLOMBIA/SCCD-AFDC/
RUCIFRDO/COM/JTF-B PALMEROLA AB HC/AVN/
RUCIFRDO/CORRIM REDSTONE ARSENAL AL/AMST-SI/
PAGE 3 RUCIFRDO8773 UNCLAS
RUEVHR/US CUSTOMS SERVICE DEPT OF TREASURY WASH DC
INFO RUEHTY/CUSBAD TV CIV AVV ISRAEL/KFO/
RUEHC/GSC STATE WASH DC/NEA/KFO/
RHURAF/NOE MAC SCOT 3F 38 IL/ILGWY/DOV/16/
RUFDO/USDOC LANS SOUTHEAST 1ZKIR TV/AVV/
RUEOPN/DISC PHILADELPHIA PA/DEBB-JU/
RUEBT/CMUSMILGP BANGKOK THAILAND
RAYRAC/HOSCLOS MELBOURNE AS/ODIREN/
RAYWCP/DEFAIR TECHN CANBERRA AS/DAIREN-AF/
RUEAKK/AUSTAIR WASH DC/SENSO/
RUEVDFL/USDO FOREST SERVICE PO BOX 2417 WASH DC
//COOPERATIVE FIRE PROTECTION
RC5CPOA/LOG COM OTTAWA CANADA/DTHISM-2/
ACCT DA-BHCSVD
BT
UNCLAS SECTION 1 OF 2
AIG 9024 TAKE FOR INFO ONLY
AIG 8708 TAKE FOR INFO ONLY
AIG 7515 TAKE FOR INFO ONLY
PAGE 4 RUCIFRDO8773 UNCLAS
AIG 9042 TAKE FOR INFO ONLY

SUBJECT - SAFETY-OF-FLIGHT MESSAGE. TECHNICAL. UH-1/EH-1 SERIES AIR-
CAPT. REVISIONS TO INSPECTION OF TRUSSION BEARINGS (UH-1-86-07)
55-1520-242-20-21)
A. REPORTING SUSPENSE DATE - NO CHANGE.
B. TASK/INSPECTION SUSPENSE DATE - NO CHANGE.
NOTE - THIS IS A SPEED-OF-FLIGHT MESSAGE AND HAS NOT. REPEAT. HAS
NOT BEEN TRANSMITTED TO UNITS SUBORDINATE TO ADDRESSEES.
ADDRESSEES SHOULD IMMEDIATELY RETRANSMIT THIS MESSAGE TO ALL SUB-
ORDINATE UNITS, ACTIVITIES OR ELEMENTS AFFECTED OF CONCERNED. THE
METRANSMITTED. SHALL REFERENCE THIS MESSAGE. ACTION ADDRESSEES WILL IMMEDIATELY VERIFY THIS RETRANSMISSION TO COMMANDER, AVSCOM, ATTN-AMSAY-ME (SOF COMPLIANCE OFFICER).

C REFERENCE


(2) TM 55-1520-210-23-1, AVIATION UNIT AND INTERMEDIATE INSTRU-

PAGE 5 RUCIFRD8774 UNCLAS

CTNS ARMY MODEL UH-1.H/EH-1H HELICOPTERS DATED 20 FEB 79 AND CHANGES THROUGH CHANGE 53, 29 JAN 86.

1. SUMMARY OF PROBLEM.

A. FEEDBACK FROM THE FIELD INDICATES THAT INSPECTION CRITERIA OF REFERENCE C(1) MESSAGE WERE MORE STRINGENT THAN NECESSARY. THE INSPECTION CRITERIA HAVE BEEN REVIEWED. THIS MESSAGE REVISES THE INSPECTION CRITERIA.

B. THE PURPOSE OF THIS MESSAGE IS TO PROVIDE THE NEW INSPECTION CRITERIA. COMPONENTS/AIRCRAFT WHICH HAVE PREVIOUSLY PASSED THE ORIGINAL INSPECTIONS NEED NOT BE REINSPECTED. THOSE REJECTED UNDER THE ORIGINAL CRITERIA SHOULD BE RE-EVALUATED TO DETERMINE IF THEY NOW PASS.

2. PRIORITY CLASSIFICATION - SUBPARAGRAPH 2F IS REVISED TO:

F. COMPONENTS IN STOCK AT ALL LEVELS - UNITS WILL INSPECT COMPO-
MENTS LISTED IN PARAGRAPH 4 BELOW PRIOR TO INSTALLATION.

3. END ITEMS TO BE INSPECTED - NO CHANGE

4. ASSEMBLY COMPONENTS TO BE INSPECTED - NO CHANGE

5. PARTS TO BE INSPECTED - NO CHANGE.

PAGE 3 RUCIFRD8774 UNCLAS

APPLICATION - SUB PARAGRAPH 6D IS REVISED TO

7. PUBLICATIONS WHICH REQUIRE CHANGE -

(1) REFERENCE C(2) WILL BE REVISED TO REQUIRE PULL TEST.

IN OUTER RING TRUINION ONLY.

(2) REFERENCE C(2) WILL BE REVISED TO REQUIRE INSPECTION PRIOR TO INSTALLATION.

(3) REFERENCE C(2) WILL BE REVISED TO ALLOW SCRATCHES UP TO .025 INCH DEPTH IN BORES.

7. SUPPLY/PARTS AND DISPOSITION - NO CHANGE.

8. SPECIAL TOOL/JIGS AND FIXTURES - NO CHANGE.

9. INSPECTION PROCEDURES - DELETE EXISTING PARAGRAPH AND REPLACE WITH (SEE REF C(2), CHAPTER E): A. INSPECT ALL FIVE TRUINION BEARINGS (FIGURE 5-34, ITEM 10)

PER PARAGRAPH 5-628 PER WEAR, UNIBALL CRACKS AND PROPER INSTALLATION. TRUINION BEARING P/N KSP9001-3/7 SHALL BE CHECKED FOR CRACKS ON BOTH SIDES OF THE UNIBALL USING MAGNIFICATION FROM 5 TO 10 POWER.

B. CHECK TWO TRUINION IN THE OUTER RING FOR PROPER INSTALLATION.

DISASSEMBLE AS FOLLOWS AND CONTINUE INSPECTION - (1) DISCONNECT DRIVE LINKS FROM SWASHPLATE OUTER RING (2 PLACES) PER PARAGRAPH 5-786.
PAGE 4 RUCIFRD8774 UNCLAS

(2) REMOVE TRUNNION BEARINGS PER PARAGRAPHS 5-62 F AND H.
MACH MARK DURING REMOVAL OF NUTS AND BOLTS OR DAMAGE ON THE SHANK OF
THE BOLTS MAY INDICATE IMPROPER INSTALLATION.
C. CHECK EACH TRUNNION SHAFT FOR FRETTING WEAR OR OTHER DEFECTS.
D. CHECK OUTER RING BORES FOR SCRATCHES. SCRATCHES UP TO .005
INCH DEPTH AND WIDTH ARE ACCEPTABLE IN BOTH INNER AND OUTER RING
BORES.
E. INSTALL SERVICEABLE TRUNNIONS IN SWASHPLATE PER REF C PARA
5-66 S AND T. DO NOT INSTALL BOLTS, REF C(2), FIGURE 5-37, ITEMS
27, 32, AND 37. PERFORM PULL TEST PER WARNING NOTE ON PAGE 5-84.
CHANGE 47. COMPLETE INSTALLATION OF TRUNNIONS PER PARAGRAPH 5-66
J. NOTE - BOLTS MUST BE PUSHED THROUGH BY HAND AND BE PERFECTLY ALIGNED
WITH THE GROOVES ON TRUNNION SHAFT TO AVOID SAFETY OF FLIGHT CONDI-
CTIONS.
F. CONNECT DRIVE LINKS TO SWASHPLATE OUTER RING PER PARAGRAPH
5-84C OF REFERENCE C(2).
10. CORRECTION PROCEDURES - NO CHANGE
11. WEIGHT AND BALANCE - NO CHANGE.
12. RECORDING AND REPORTING REQUIREMENTS - NO CHANGE

PAGE 5 RUCIFRD8774 UNCLAS

13. POINTS OF CONTACT.
A. FOREIGN MILITARY SALES (FMS) RECIPIENTS REQUIRING
CLARIFICATION OF ACTION ADVISED BY THIS MESSAGE SHOULD CONTACT CW4
LL SALSON, AUTOVON 693-2126 OR COMMERCIAL (314) 263-8106.
B. TECHNICAL POINT OF CONTACT FOR THIS MESSAGE IS MR. KEN
LUBER, AUTOVON 693-1675 OR COMMERCIAL (314) 263-1675.
C. LOGICAL POINT OF CONTACT FOR THIS MESSAGE IS MR. DEAN
BEASTARD, AUTOVON 693-1220 OR COMMERCIAL (314) 263-1220.
D. FORMS AND RECORDS POINT OF CONTACT FOR THIS MESSAGE IS MR.
TOY BERRIO, AUTOVON 693-1255 OR COMMERCIAL (314) 263-1955.
E. MESSAGE POINT OF CONTACT IS MR. LYELL MYERS, AUTOVON
693-3300 OR COMMERCIAL (314) 263-3300.
BT
OCTUZYVW RUCIFRD8774 1390139 MTMS-LUAD
47552:22220FL

Time: 08:08 05/19/86 ???
Connect Time: 168 seconds