SUBJECT: SAFETY-OF-FLIGHT MAINTENANCE MANDATORY MESSAGE, AMENDING UH-1-84-01 MESSAGE AND UH-1-84-02 CONCERNING UH-1 TURNBUCKLE BODIES (NSN 5340-00-864-7927) UH-1-84-03

NOTE - THIS IS A SAFETY-OF-FLIGHT, MAINTENANCE MANDATORY, ONE TIME INSPECTION MESSAGE, RELEASED IN ACCORDANCE WITH AR 95-18, DATED 1 MAY
900 and has not, repeat, has not been transmitted to units

BORDINATE TO ADDRESSEES. ADDRESSEES SHOULD IMMEDIATELY RETRANSMIT
THIS MESSAGE TO ALL SUBORDINATE UNITS, ACTIVITIES OR ELEMENTS
AFFECTIONED OR CONCERNED. THE RETRANSMITTAL SHALL REFERENCE THIS
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MESSAGE. ACTION ADDRESSEES WILL IMMEDIATELY VERIFY THIS
RETRANSMISSION TO COMMANDER, AVSCOM, ATTN - DRSAV-MPSD.

SUMMARY - THIS MESSAGE IS FOR THE PURPOSE OF DISSEMINATING THE
SECOND AMENDMENT TO SAFETY OF FLIGHT MESSAGE UH-1-84-01 AND PROVIDES
THE ADDITIONAL GUIDANCE MENTIONED IN THE FIRST AMENDMENT
(UH-1-84-02). THIS SECOND AMENDMENT IS APPLICABLE ONLY TO TURNBUCKLE
BODIES P/N 204-011-137-1 NSN 5340-00-865-7927 THAT WERE FOUND TO
EXCEED THE .008 INCHES LIMIT. THOSE AIRCRAFT WITH THESE TURNBUCKLES
EXCEEDING .008 INCHES LIMIT ARE INOPERABLE WITH A RED ///STATUS
(UH-1-84-02). THIS SECOND AMENDMENT DOES NOT APPLY TO ANY AIRCRAFT
WITH TURNBUCKLE NOT EXCEEDING .008 INCHES LIMIT. NO ADDITIONAL
INSPECTION REQUIREMENTS FOR THOSE AIRCRAFT NOT EXCEEDING .008 INCHES
LIMIT RESULT FROM THIS MESSAGE.

2. PARAGRAPH 3F OF MESSAGE UH-1-84-01 IS CHANGED TO READ AS
FOLLOWS -

///IF .008 INCHES IS EXCEEDED, PROCEED TO PARAGRAPH 3I AND
CONTINUE THE INSPECTION///.

3. PARAGRAPHS 3I THROUGH 3K OF MESSAGE UH-1-84-01 ARE ADDED -

I. REMOVE UPPER BOLT (ITEM 19, FIGURE 131-23P) FROM CLEVIS AND
UNIVERSAL.

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J. REMOVE LINK P/N 204-011-127-1 FROM HELICOPTER AND DISASSEMB

VISUAL INSPECTION. USING A 5X POWER MAGNIFIER (NSN
6650-00-527-7451 OR EQUIVALENT), VISUALLY INSPECT TURNBUCKLE BODY
THREADS ON EACH END FOR TORN, JAGGED, BROKEN OR MISSING THREADS, NONE
ALLOWED. TURNBUCKLE BODIES FURNISHED UNDER CONTRACTS LISTED IN 3H
ABOVE WERE DELIVERED ORIGINALLY WITH A BRONZE COLORED CADMIUM PLATE
FINISH. THESE TURNBUCKLE BODIES ARE ESPECIALLY SUSPECT OF HAVING
DEFECTIVE THREADS. TO PERMIT ENGINE RUNUPS, TURNBUCKLE BODIES
DISCOVERED WITH DEFECTIVE THREADS MAY BE REASSEMBLED TO THEIR CLEVIS,
ROD END AND JAM NUTS, TO AS CLOSE AND DIMENSION AS POSSIBLE TO THEIR
ORIGINAL LENGTH AND REINSTALLED ON THE HELICOPTER. HELICOPTERS WITH
REJECTED TURNBUCKLE BODIES WILL REMAIN ON A RED ///STATUS
CONDITION UNTIL REPLACEMENT PARTS ARE AVAILABLE. TURNBUCKLE BODIES
NOT REJECTED BASED ON VISUAL INSPECTION OF THREADS WITH A 5X
MAGNIFIER ARE SATISFACTORY FOR CONTINUED INSPECTION.

K. REPLACE CLEVIS OR ROD END, OR BOTH, AND REPEAT PARAGRAPH E
DAIL INDICATOR CHECK. LOOSENESS DUE TO WEAR OF THE THREADS (NOT

1138 EST

NNNN

EST

ASCS WSH
Defects listed in J above) that does not exceed .010 inches is acceptable. Reinstall these pitch links and return the helicopter to service. Rotor smoothing and maintenance test flight is required. Looseness exceeding .010 inches is not acceptable for continued use.

4. The information in this message will be added to TB 55-1520-242-20-6.
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:
- DA FORM 2408-13, AIRCRAFT INSPECTION AND MAINTENANCE
- DA FORM 2408-15, AIRCRAFT HISTORICAL RECORD.


C. FOR AIRCRAFT IN DEPOT MAINTENANCE AWAITING DISPOSITION OR IN STORAGE, TAKE THE FOLLOWING ACTIONS:
- REPORT, BY RETURN MESSAGE, THE AIRCRAFT MDS AND SERIAL NUMBER THAT THE AIRCRAFT LOGBOOK HAS BEEN UPDATED TO INCLUDE THIS MESSAGE REQUIREMENT.
- PROVIDE A POINT OF CONTACT, WITH TELEPHONE NUMBER, ON ALL REPORTS.

8. FOREIGN MILITARY SALES/FMS RECIPIENTS REQUIRING CLARIFICATION OF THIS MESSAGE SHOULD CONTACT USAVSOCOM, DRSAS-1, CW4 KYLE STEPHENSON, AUTOVON 693-2813, COMMERCIAL 314-263-2813.

1130 EST

NNNN

EST
UH-1-84-03
mk II Attd
Amends
UH-1-84-02-01

SECTION 01 OF 02

SUBJECT - SAFETY-OF-FLIGHT MAINTENANCE MANDATORY MESSAGE, AMENDING UH-1-84-01 MESSAGE AND UH-1-84-02 CONCERNING UH-1 TURNBUCKLE BODIES

NOTE - THIS IS A SAFETY-OF-FLIGHT, MAINTENANCE MANDATORY, ONE TIME INSPECTION MESSAGE, RELEASED IN ACCORDANCE WITH AR 95-18, DATED 1 MAY 1998 AND HAS NOT BEEN TRANSMITTED TO UNITS ACCORDING TO ADDRESSES. ADDRESSES SHOULD IMMEDIATELY RETRANSMIT THIS MESSAGE TO ALL SUBORDINATE UNITS, ACTIVITIES OR ELEMENTS AFFEKTED OR CONCERNED. THE RETRANSMITTED SHALL REFERENCE THIS
MESSAGE. ACTION ADDRESSEES WILL IMMEDIATELY VERIFY THIS
RETRANSMISSION TO COMMANDER, AVSEC, ATTN - DRAPW-MPSD.
SUMMARY - THIS MESSAGE IS FOR THE PURPOSE OF DISSEMINATING THE
SECOND AMENDMENT TO SAFETY OF FLIGHT MESSAGE VH-1-84-01 AND PROVIDES
THE ADDITIONAL GUIDANCE MENTIONED IN THE ORIGINAL MESSAGE,
VH-1-84-01. THIS SECOND AMENDMENT IS APPLICABLE ONLY TO TURNBUCKLE
ENGINES PURCHASED 274-011-127-1 NSN 2540-00-065-7722 THAT WERE FOUND TO
EXCEED THE .008 INCH LIMITS. THOSE AIRCRAFT WITH THESE TURNBUCKLES
EXCEEDING .008 INCH LIMIT ARE INOPERABLE WITH A RED //X// STATUS.
VH-1-84-02. THIS SECOND AMENDMENT DOES NOT APPLY TO ANY AIRCRAFT
WITH TURNBUCKLE NOT EXCEEDING .008 INCH LIMIT. NO ADDITIONAL
INSPECTION REQUIREMENTS FOR THOSE AIRCRAFT NOT EXCEEDING .008 INCHES
LIMIT RESULT FROM THIS MESSAGE.
PARAGRAPH 3F OF MESSAGE VH-1-84-01 IS CHANGED TO READ AS
FOLLOWS -
IF .008 INCHES IS EXCEEDED, PROCEED TO PARAGRAPH 3I AND
CONTINUE THE INSPECTION.
PARAGRAPHS 3I THROUGH 3K OF MESSAGE VH-1-84-01 ARE ADDED -
1. REMOVE UPPER BOLT (ITEM 12, FIGURE 131-23F) FROM CLEVIS AND
   HOLLOW STAINLESS STEEL ROD ENDS.
   J. REMOVE LINK 274-011-127-1 FROM HELICOPTER AND DISASSEMBLE
   FOR VISUAL INSPECTION. USING A 5X POWER MAGNIFIER (NSN
   2540-00-237-3451 OR EQUIVALENT), VISUALLY INSPECT TURNBUCKLE BODY
   THREADS ON EACH END FOR TOPH, JAGGED, BROKEN OR MISSING THREADS.
   TURNUCKLES BODIES FURNISHED UNDER CONTRACTS LISTED IN 3H
   ABOVE WERE DELIVERED ORIGINALLY WITH A BRONZE COLORED CADMIUM PLATE
   FINISH. THESE TURNBUCKLE BODIES ARE ESPECIALLY SUSPECT OF HAVING
   DEFECTIVE THREADS. TO PERMIT ENGINE RUNUPS, TURNBUCKLE BODIES
   DISCOVERED WITH DEFECTIVE THREADS MAY BE REASSEMBLED TO THEIR CLEVIS
   END AND JOINTS TO AS CLOSE AND DIMENSION AS POSSIBLE TO THEIR
   ORIGINAL LENGTH AND REINSTALLED ON THE HELICOPTER. HELICOPTERS WITH
   DEFECTED TURNBUCKLE BODIES WILL REMAIN ON A RED //X// STATUS
   CONDITION UNTIL REPLACEMENT PARTS ARE AVAILABLE. TURNUCKLE BODIES
   NOT REJECTED BASED ON VISUAL INSPECTION OF THREADS WITH A 5X
   MAGNIFIER ARE SATISFACTORY FOR CONTINUED INSPECTION.
K. REPLACE CLEVIS OR ROD END, OR BOTH, AND REPEAT PARAGRAPH E
   BALL INDICATOR CHECK. LOoseness due to wear of the threads (not
   SIGHTED)
RECORD

DA FORM 2408-13, AIRCRAFT HISTORICAL RECORD.

B. SAFETY-OF-FLIGHT MESSAGE FOLLOW-UP AGC CSEL 1660. MACON'S
AND OTHER ACTION ADDRESSEES. UPON COMPLETION OF THE REQUIREMENTS SET
FORTH IN PARAGRAPHS 2 AND 3 OF THIS MESSAGE, OR NOT LATER THAN
30 APRIL 1984, WILL FORWARD A MESSAGE REPORT OF ACTION ACCOMPLISHED
TO COMMANDER, MACON, ATTN - DRSAY-MPSD. PER AR 95-1A. THE REPORT
WILL CITE THE SAFETY-OF-FLIGHT MESSAGE, TB NURDER, THE AIRCRAFT
MISSION DESIGN SERIES (MDS), AND SERIAL NUMBERS OF THE AIRCRAFT.

WHEN THE ESTIMATED DATE OF COMPLETION ARRIVES, THE SERIAL NUMBER
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 REPORTS WILL CONTINUE TO BE
SUBMITTED UNTIL ALL REQUIRED ACTIONS HAVE BEEN COMPLETED AND
REPORTED.

C. FOR AIRCRAFT IN DEPOT MAINTENANCE WAITING DISPOSITION OR IN
STORAGE. TAKE THE FOLLOWING ACTIONS -

(1) IMMEDIATELY UPDATE THE AIRCRAFT LOGBOOK BY ENTERING THE
REQUIREMENTS FOR ACCOMPLISHMENT OF THIS MESSAGE ON DA FORM 2408-13.

DA FORM 2408-15 UNCLASSIFIED

(2) REPORT, BY RETURN MESSAGE, THE AIRCRAFT MDS AND SERIAL
NUMBER THAT THE AIRCRAFT LOGBOOK HAS BEEN UPDATED TO INCLUDE THIS
MESSAGE REQUIREMENT.

(3) PROVIDE A POINT OF CONTACT, WITH TELEPHONE NUMBER, ON
REPORTS.

POINT OF CONTACT FOR QUESTIONS CONCERNING FORMS OR REPORTING IS

D. J. RODRIGUEZ, DRSAY-MPSD, AUTOCOM 603-1955, COMMERCIAL
314-243-3955.

LOGISTICAL POINT OF CONTACT IS MS. DELORES PECK, DISC-OEBB/JU,
100 ROBIN AVE. DISC. PHILADELPHIA, PA 19111, COMMERCIAL
215-427-3459, AUTOCOM 842-3459.

FOR FOREIGN MILITARY SALES/FMS RECIPIENTS REQUIRING CLARIFICATION OF
THIS MESSAGE SHOULD CONTACT USAYSCOM, DRSAY-I, C44 KYLE STEPHENSON,
AUTOCOM 693-2183, COMMERCIAL 314-243-2183.

USAYSCOM TECHNICAL POINT OF CONTACT IS MR. KEN LUBER, DRSAY-EI,
AUTOCOM 693-1685, COMMERCIAL 314-243-1685.

END.