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*UH-1-98-07
MAN ROTOR P/L
CLEVIS*

Display Without Table Of Contents**Subject**

SAFETY OF FLIGHT MESSAGE, TECHNICAL, RCS CSGLD-1860(R1).

ALL UH-1H/V SERIES AIRCRAFT, MANDATORY INSPECTION OF ROD END CLEVIS, UH-1-98-07 (TB 1-1520-210-20-41).
NOTE - THIS IS A SAFETY OF FLIGHT MESSAGE ISSUED PER AR 95-1, CHAPTER 6, 1 SEP 97. THIS MESSAGE 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 THE MESSAGE. ACTION ADDRESSEES WILL IMMEDIATELY VERIFY THIS TRANSMISSION TO COMMANDER, AMCOM, ATTN: AMSAM-SF-A (SOF COMPLIANCE OFFICER).

Priority Classification

NOTE - SEE AR 95-1, PARA 6-6A, FOR EXCEPTION AUTHORITY OF MAJOR COMMANDERS.

A. AIRCRAFT IN USE - UPON RECEIPT OF THIS MESSAGE THE CONDITION SYMBOL OF THE CITED AIRCRAFT WILL BE CHANGED TO A RED //X// UNTIL INSPECTION IS COMPLETE. AIRCRAFT FOUND TO HAVE CLEVIS MARKED "GT" OR NOT HAVING A SERIAL NUMBER WILL REMAIN ON RED //X// UNTIL REPLACED WITH A SERVICEABLE CLEVIS. AIRCRAFT FOUND WITH SERVICEABLE CLEVIS WILL BE RETURNED TO FLIGHT.

B. AIRCRAFT IN DEPOT MAINTENANCE - SAME AS PARA 1A. AIRCRAFT WILL NOT BE ISSUED UNTIL COMPLIANCE WITH THIS SOF HAS BEEN COMPLETED.

C. AIRCRAFT UNDERGOING MAINTENANCE - SAME AS PARA 1A. AIRCRAFT WILL NOT BE RELEASED UNTIL COMPLIANCE WITH THIS SOF MESSAGE HAS BEEN COMPLETED.

D. AIRCRAFT IN TRANSIT -

- (1) SURFACE/AIR SHIPMENT - SAME AS PARA 1A

(2) FERRY STATUS -

(A) INSPECT AT FINAL DESTINATION.

(B) THOSE AIRCRAFT THAT HAVE A DO 250 AND ARE AT U.S. HELICOPTERS, OZARK, AL WILL BE INSPECTED PRIOR TO FERRY TO FINAL DESTINATION.

E. MAINTENANCE TRAINERS (CATEGORY A AND B) - SAME AS PARA 1A.

F. COMPONENT/PARTS IN STOCK AT ALL LEVELS (DEPOT AND OTHERS) - UPON RECEIPT OF THIS MESSAGE THE MATERIAL CONDITION TAGS OF ALL ITEMS IN ALL CONDITION CODES LISTED IN PARAGRAPH 7 SHALL BE ANNOTATED TO READ UH-1-SOP-98-XX, MANDATORY INSPECTION OF ROD-END CLEVIS NOT COMPLIED WITH.

(1) WHOLESALE STOCK - UPON RECEIPT OF THIS MESSAGE ALL SERVICEABLE ITEMS (CONDITION CODES //A//, //B//, //C//, //D//, AND //E//) LISTED IN PARAGRAPHS 6 AND 7 LOCATED IN WHOLESALE DEPOT STORAGE SHALL BE PLACED IN CONDITION CODE //J// AND TAGGED WITH A SUSPENDED TAG/LABEL - MATERIAL, DD FORM 1576/DD FORM 1576-1. DO NOT REMOVE ORIGINAL CONDITION TAGS.

(2) RETAIL STOCK - UPON RECEIPT OF THIS MESSAGE COMMANDERS AND OTHERS MAINTAINING RETAIL STOCK AT INSTALLATION LEVEL AND BELOW SHALL CONTACT THE SUPPORTED AVIATION UNIT TO PERFORM THE INSPECTION REQUIRED BY PARAGRAPH 8 AND THE CORRECTION PROCEDURES OF PARAGRAPH 9 ON DISCREPANT MATERIEL. DISPOSITION OF DISCREPANT MATERIEL WILL BE IAW PARAGRAPH 10.

G. COMPONENTS/PARTS IN WORK (DEPOT LEVEL AND OTHERS) - ITEMS LISTED IN PARAGRAPH 7 IN WORK WILL NOT BE ISSUED UNTIL COMPLIANCE WITH THIS MESSAGE.

Task/Inspection Suspense Date

-PRIOR TO NEXT FLIGHT.

Reporting Compliance Suspense Date

- NO LATER THAN 17 JUNE 98

PER PARA 14A OF THIS MESSAGE.

Summary of Problem

- TWO PROBLEMS HAVE BEEN IDENTIFIED ON THE

UH-1 ROD END CLEVIS, PART NUMBER 204-011-136-103:

A(1). ROD END CLEVIS, PART NUMBER 204-011-136-103 (OR 1615UH1-100-1) IS A FLIGHT SAFETY PART WHICH HAS BEEN UNDERGOING FATIGUE TESTING TO ENSURE THAT ALL VENDORS PARTS MEET THE STRENGTH REQUIREMENTS OF THE ORIGINALLY QUALIFIED DESIGN. EVALUATION OF TEST DATA HAS SHOWN THAT PARTS MANUFACTURED BY "GT" MACHINE (CAGE CODE 47854) DO NOT MEET THE STRENGTH REQUIREMENTS AND SHALL BE IMMEDIATELY REMOVED FROM SERVICE.

A(2). A QUANTITY OF ROD END CLEVISES HAVE BEEN FOUND WITHOUT SERIAL NUMBERS TO IDENTIFY THE MANUFACTURER FOR TRACEABILITY PURPOSES. THESE PARTS REPRESENT AN UNKNOWN RISK AND SHALL BE IMMEDIATELY REMOVED FROM SERVICE.

B. FOR MANPOWER/DOWNTIME AND FUNDING IMPACTS SEE PARA 12.

C. THE PURPOSE OF THIS MESSAGE IS TO REQUIRE A ONE TIME INSPECTION OF ALL ROD END CLEVISES, PART NUMBER 204-011-136-103 OR 1615UH1-100-1.

End Items To Be Inspected

- ALL UH-1H/V SERIES AIRCRAFT.

Assembly Components to be Inspected

- N/A

Parts to be Inspected

NOMENCLATURE	PART NO.	MSN
CLEVIS, ROD END	204-011-136-103	5340-01-184-1317

Inspection Procedures

NOTE

IT MAY BE NECESSARY TO REMOVE PAINT IN ORDER TO READ THE VIBRO-ETCHED SERIAL NUMBER.

RECOAT/RETREAT BARE STEEL SURFACE AS NECESSARY.

A. GAIN ACCESS TO THE CLEVIS, ROD END (TM 55-1520-210-23P, FIGURE 131, ITEM 21). IDENTIFY THE VIBRO-ETCHED SERIAL NUMBER LOCATED ON THE FLAT MACHINED AREA BETWEEN THE CLEVIS FORKS AND THE TRANSITION RADIUS LEADING TO THE THREADED SHANK.

NOTE

ALTHOUGH TM 55-1520-210-23P SHOWS THE CLEVIS PART NUMBER AS 204-011-136-103, THESE PARTS MAY EXHIBIT A PART NUMBER OF 1615UH1-100-1. IF FOUND, 1615UH1-100-1 IS AN ALTERNATE DESIGNATION FOR 204-011-136-103 AND SHALL ALSO BE INSPECTED IAW THIS MESSAGE.

B. IF THE SERIAL NUMBER PREFIX IS "GT", OR IF THE PART DOES NOT CONTAIN A SERIAL NUMBER IN THIS AREA, PROCEED TO THE CORRECTION PROCEDURES IN PARAGRAPH 9.

NOTE

IF THE SERIAL NUMBER PREFIX IS NOT READABLE, PARTS MANUFACTURED BY GT MACHINE CAN ALSO BE IDENTIFIED

BY

CAGE CODE 4T854 IN THE SAME AREA AS THE SERIAL

NUMBER.

C. IF THE SERIAL NUMBER IS FOUND AND THE PREFIX IS OTHER THAN "GT", THE INSPECTION IS COMPLETE.

Correction Procedures

- FOR ROD END CLEVISES WITH SERIAL

NUMBERS HAVING THE PREFIX "GT" (OR CAGE CODE 4T854), OR CLEVISES WHICH DO NOT HAVE A SERIAL NUMBER, REPLACE WITH A SERVICEABLE CLEVIS FROM SUPPLY. DISPOSE OF DISCREPANT CLEVISES IAW PARAGRAPH

Supply/Parts and Disposition

A. PARTS REQUIRED - ITEMS CITED IN PARAGRAPHS 7 WILL BE REQUIRED TO REPLACE DEFECTIVE ITEMS.

B. REQUISITIONING INSTRUCTIONS - REQUISITION REPLACEMENT PARTS USING NORMAL SUPPLY PROCEDURES. ALL REQUISITIONS SHALL USE PROJECT CODE (CC 57-59) "XEA" (X-RAY-ECHO-ALPHA).

NOTE

PROJECT CODE "XEA" IS REQUIRED TO TRACK AND ESTABLISH A DATA BASE OF STOCK FUND EXPENDITURES INCURRED BY THE FIELD AS A RESULT OF SOf ACTIONS.

- C. BULK AND CONSUMABLE MATERIALS - N/A.
- D. DISPOSITION - DEMILITARIZE/MUTILATE IAW TM 1-1500-328-23 ANY PART/COMPONENT WHICH DOES NOT MEET INSPECTION CRITERIA.
- E. DISPOSITION OF HAZARDOUS MATERIAL - N/A

Special Tools and Fixtures Required

- N/A.

Application

- A. CATEGORY OF MAINTENANCE - AVUM. AIRCRAFT DOWNTIME WILL BE CHARGED TO AVUM.
- B. ESTIMATED TIME REQUIRED -
 - (1) TOTAL OF 1 MAN-HOURS USING 1 PERSON.
 - (2) TOTAL OF 1 HOUR DOWNTIME FOR ONE END ITEM.
- C. ESTIMATED COST IMPACT OF STOCK FUND ITEMS TO THE FIELD -

NOMENCLATURE	PART NO./NSN	QUANTITY	COST EA.
CLEVIS, ROD END	PN 204-011-136-103	2	\$67.00
	NSN 5340-01-184-1317		
- D. TB/MWDS TO BE APPLIED PRIOR TO OR CONCURRENTLY WITH THIS INSPECTION - N/A.
- E. PUBLICATIONS WHICH REQUIRE CHANGE AS A RESULT OF THIS INSPECTION - N/A.

References

- A. TM 55-1520-210-23P.
- B. TM 1-1500-328-23

Recording and Reporting Requirements

- A. REPORTING COMPLIANCE SUSPENSE DATE (AIRCRAFT) - UPON ENTERING REQUIREMENTS OF THIS MESSAGE ON DA FORM 2408-13-1 ON ALL SUBJECT MDS AIRCRAFT, FORWARD A PRIORITY MESSAGE, DATAFAX OR E-MAIL TO COMMANDER, AMCOM, ATTN: AMSAM-SF-A (SOf COMPLIANCE OFFICER), PER AR 95-1. DATAFAX NUMBER IS DSN 897-2111 OR 256/313-2111. E-MAIL ADDRESS IS "SAFEADMREDSTONE.ARMY.MIL". THE REPORT WILL CITE THIS MESSAGE NUMBER, DATE OF ENTRY IN DA FORM 2408-13-1, THE AIRCRAFT MISSION DESIGN SERIES AND SERIAL NUMBERS OF AIRCRAFT IN NUMERICAL ORDER.
- B. TASK/INSPECTION REPORTING SUSPENSE DATE (AIRCRAFT) - N/A.
- C. REPORTING MESSAGE RECEIPT (SPARES) -
 - (1) MATERIEL IN WHOLESALE DEPOT STORAGE - N/A.
 - (2) MATERIEL IN RETAIL STORAGE - N/A.
- D. TASK/INSPECTION REPORTING SUSPENSE DATE (SPARES) -
 - (1) MATERIEL IN WHOLESALE DEPOT STORAGE - N/A.
 - (2) MATERIEL IN RETAIL STORAGE - N/A.
- E. THE FOLLOWING FORMS ARE APPLICABLE AND ARE TO BE COMPLETED IN ACCORDANCE WITH DA FPM 730-751, 15 JUN 92 - NOTE - FOR ULLS-A UNITS, USE APPLICABLE "E" FORMS.
 - (1) DA FORM 2408-13, AIRCRAFT STATUS INFORMATION RECORD.
 - (2) DA FORM 2408-13-1, AIRCRAFT INSPECTION AND MAINTENANCE RECORD.