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ICS DODCRSD ABN  
01749 DOD CRC ALBANY GA 12259Z MAR 90/060  
PMS  
CA DEPT OF FORESTRY AVIATION  
PO BOX 94426  
SACRAMENTO CA

1 0 RUCIFRD5042 0602011 DA-BDCVBA  
O 012000Z MAR 90 ZEX  
FM CDRAVSCOM ST LOUIS MO //AMSAV-XSOF//  
TO RUCLRFA/CALIFORNIA DEPARTMENT OF FORESTRY AVIATION/WARDALL  
PO BOX 944246 SACRAMENTO CA 94244-2460//  
DA-BDCVBA

UNCLAS  
SECTION 01 OF 03  
SUBJECT - SAFETY-OF-FLIGHT MESSAGE, TECHNICAL, RCS CSGLD-1860(R1)  
ALL UH-1H/V AND EH-1H/X AIRCRAFT, ONE TIME INSPECTION OF SWASHPLATE  
OUTER RING ASSEMBLY (UH-1-90-02) (TB 55-1520-242-20-48)

PAGE 02 RUCIFRD5042 UNCLAS  
A. REPORTING SUSPENSE DATE - WITHIN 10 WORKING DAYS OF THE DATE OF THIS MESSAGE PER PARA 12A.  
B. TASK/INSPECTION SUSPENSE DATE - 5 FLIGHT HOURS/10 DAYS AFTER RECEIPT OF MESSAGE WHICHEVER COMES FIRST.  
NOTE - THIS IS A SAFETY-OF-FLIGHT MESSAGE AND 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, AVSCOM, ATTN - AMSAV-XSOF (SOF COMPLIANCE OFFICER).  
C. EXPIRATION DATE - 6 MONTHS  
D. REFERENCES -  
    (1) TM 55-1520-210-23P-1  
    (2) TM 55-1520-210-23-1  
1. SUMMARY OF PROBLEM -

A. THE ARMY HAS RECEIVED A NUMBER OF OUTER RING ASSEMBLIES, P/

N  
204-011-403-1, NSN 1615-00-474-9151, THAT WERE MANUFACTURED FROM  
CASTINGS WHICH CONTAIN DEFECTS. SOME HAVE BEEN ISSUED AS SPARES OR  
ASSEMBLIES TO FIELD UNITS. THE DEFECT IS AN IMPROPER THICKNESS OF  
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MATERIAL IN THE AREA OF THE TRUNNION BORE. FAILURE OF THIS AREA OF  
THE RING ASSEMBLY WOULD IMPACT ROTOR CONTROL.

B. THE SUSPECT OUTER RINGS ARE IDENTIFIABLE BY A CASTING LOGO  
WHICH IS VISIBLE EVEN AFTER INSTALLATION OF THE OUTER RING ON THE  
SWASHPLATE ASSEMBLY.

C. THE PURPOSE OF THIS MESSAGE IS TO REQUIRE A ONE TIME  
INSPECTION OF INSTALLED SUSPECT OUTER RING ASSEMBLIES AND REMOVAL OF  
THOSE SWASHPLATE ASSEMBLIES CONTAINING SUSPECT OUTER RINGS. AN  
INSPECTION OF ALL SPARE OUTER RING ASSEMBLIES AND SWASHPLATE  
ASSEMBLIES IN STOCK IS ALSO REQUIRED.

D. FOR MANPOWER/DOWNTIME AND FUNDING IMPACTS SEE PARA 6.

2. PRIORITY CLASSIFICATION -

NOTE - SEE AR 95-3, PARA 5-7A, FOR NONCOMPLIANCE AUTHORITY OF MAJOR  
COMMANDERS.

A. AIRCRAFT IN USE - UPON RECEIPT OF THIS MESSAGE THE CONDITION  
STATUS SYMBOL OF THE CITED AIRCRAFT WILL BE CHANGED TO A CIRCLED RED  
//X//. THE CIRCLED RED //X// MAY BE CLEARED WHEN THE INSPECTION OF  
PARA 9 BELOW IS COMPLETED. THE AFFECTED AIRCRAFT SHALL BE INSPECTED  
AS SOON AS PRACTICAL BUT NO LATER THAN THE TASK/INSPECTION SUSPENSE  
DATE. FAILURE TO COMPLY WITH THE REQUIREMENTS OF THIS MESSAGE  
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WITHIN THE TIME FRAME WILL CAUSE THE STATUS SYMBOL TO BE UPGRADED TO  
A RED //X//. WHILE THE AIRCRAFT IS ON A CIRCLED RED //X// IT MAY BE  
REPORTED AS FULLY MISSION CAPABLE (FMC).

B. AIRCRAFT IN DEPOT MAINTENANCE - AIRCRAFT WILL NOT BE ISSUED  
UNTIL COMPLIANCE WITH THIS SOP HAS BEEN COMPLETED.

C. AIRCRAFT UNDERGOING MAINTENANCE - SAME AS PARA 2A. AIRCRAFT  
WILL NOT BE RELEASED UNTIL COMPLIANCE WITH THIS SOP MESSAGE HAS BEEN  
COMPLETED.

D. AIRCRAFT IN TRANSIT -

(1) SURFACE/AIR SHIPMENT - INSPECT AT FINAL DESTINATION  
PRIOR TO FIRST FLIGHT.

(2) FERRY STATUS - SAME AS PARA 2A.

E. MAINTENANCE TRAINERS (ALL CATEGORIES) - SAME AS PARA 2A.

F. COMPONENT/PARTS IN STOCK INCLUDING WAR RESERVES AT ALL  
LEVELS (DEPOT AND OTHERS) - UPON RECEIPT OF THIS MESSAGE ALL ITEMS  
LISTED IN PARAGRAPHS 4 AND 5 BELOW SHALL BE PLACED IN CONDITION CODE  
//J// AND RETAGGED WITH A MATERIEL CONDITION TAG/LABEL - SUSPENDED  
(BROWN TAG) DD FORM 1575 OR LABEL DD FORM 1575-1. THE REMARKS BLOCK  
MUST REFERENCE INSPECTION REQUIRED PER THIS MESSAGE (TS 55-1520-242-  
20-48). UPON COMPLETION OF THE REQUIRED INSPECTION, ITEMS WILL BE  
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RETAGGED EITHER SERVICEABLE (YELLOW TAG) DD FORM 1574 OR  
UNSERVICEABLE CONDITION CODE //L// (GREEN TAG) DD FORM 1577-2  
DEPENDENT UPON THE RESULTS.

NOTE - DEPOTS THAT DO NOT HAVE THE CAPABILITY TO INSPECT THE SUBJECT



ASSEMBLIES IN ACCORDANCE WITH THIS MESSAGE, CONTACT THE LOGISTICAL POINT OF CONTACT. DO NOT ISSUE UNTIL THIS SAFETY-OF-FLIGHT MESSAGE HAS BEEN COMPLIED WITH AND YOU HAVE BEEN NOTIFIED WHICH ARE SERVICEABLE.

3. END ITEMS TO BE INSPECTED - ALL UH-1H/V AND EH-1H/X AIRCRAFT.

4. ASSEMBLY COMPONENTS TO BE INSPECTED -

| NOMENCLATURE            | PART NO.       | NSN              |
|-------------------------|----------------|------------------|
| SWASHPLATE CONTROL ASSY | 284-811-488-11 | 1615-88-068-1862 |

5. PARTS TO BE INSPECTED -

| NOMENCLATURE    | PART NO.      | NSN              |
|-----------------|---------------|------------------|
| OUTER RING ASSY | 284-811-483-1 | 1615-88-474-9151 |

6. APPLICATION -

A. CATEGORY OF MAINTENANCE - AVUM. AIRCRAFT DOWNTIME WILL BE CHARGED TO AVUM

B. TIME REQUIRED - INSPECTION ONLY

(1) TOTAL OF .25 MANHOURS USING 1 PERSON.

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(2) TOTAL OF .25 HOURS DOWNTIME FOR ONE END ITEM.

C. TIME REQUIRED - SWASHPLATE ASSEMBLY REPLACEMENT.

(1) TOTAL OF 6 MANHOURS USING 2 PERSONS.

(2) TOTAL OF 3 HOURS DOWNTIME.

D. ESTIMATED COST IMPACT OF STOCK FUND ITEMS TO THE FIELD -

2105 EST

21116 EST

HGMCOMP

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ICS DODCRSD ABN

01742 DOD CRC ALBANY GA 12256Z MAR 90/060

PMS

CALIFORNIA DEPT OF FORESTRY AVIATION

PO BOX 944246

SACRAMENTO CA 94244

I O RUCIFRD5043 0602011 DA=BDCVBA

O 012000Z MAR 90 ZEX

FM CDRAVSCOM ST LOUIS MO //AMSAV-XSOF//

TO RUCLRFA/CALIFORNIA DEPARTMENT OF FORESTRY AVIATION/WARDALL

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SECTION 02 OF 03

INSIGNIFICANT

E. TB/MWOS TO BE APPLIED PRIOR TO OR CONCURRENTLY WITH THIS INSPECTION - N/A.

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F. PUBLICATIONS WHICH REQUIRE CHANGE AS A RESULT OF THIS INSPECTION - N/A.

7. SUPPLY/PARTS AND DISPOSITION -

A. PARTS REQUIRED - ITEMS CITED IN PARAGRAPHS 4 AND 5 MAY BE REQUIRED TO REPLACE DEFECTIVE ITEMS.

B. REQUISITIONING INSTRUCTIONS - REQUISITION THROUGH NORMAL SUPPLY CHANNELS USING NORMAL SUPPLY PROCEDURES.

C. BULK AND CONSUMABLE MATERIALS - N/A.

D. DISPOSITION - ALL SWASHPLATES WITH OUTER RINGS IDENTIFIED WITH "HAC", AND OUTER RINGS IDENTIFIED WITH "HAC" SHALL BE TAGGED SUSPENDED. REMARKS SECTION OF TAG SHALL REFERENCE SAFETY-OF-FLIGHT MESSAGE (UH-1-90-02). CONDITION CODE PORTION OF THE TAG WILL REFLECT CONDITION CODE //L//. SHIP SUSPECT SWASHPLATES AND OUTER RINGS TO RED RIVER ARMY DEPOT.

E. DISPOSITION OF HAZARDOUS MATERIAL - N/A

8. SPECIAL TOOLS, JIGS AND FIXTURES REQUIRED - AS REQUIRED PER MESSAGE.

TO REPLY BY MAILGRAM MESSAGE, SEE REVERSE SIDE FOR WESTERN UNION'S TOLL - FREE PHONE NUMBERS

9. INSPECTION PROCEDURES -

A. OUTER RING ASSEMBLIES INSTALLED ON AIRCRAFT -

(1) GAIN ACCESS TO SWASHPLATE CONTROL ASSEMBLY (TH

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55-1520-210-23P-1, FIGURE 128, ITEM 29).

(2) INSPECT THE TOP SIDE OF THE OUTER RING ASSEMBLY (FIGUR

E 143, ITEM 27) FOR THE RAISED LETTERS "HAC". THESE LETTERS ARE LOCATED HALFWAY BETWEEN THE TRUNNION BORE HOLES AND MAY BE NEXT TO A RAISED X-RAY INSPECTION PAD. IF THE ROTOR BLADES ARE TIED DOWN, THE RAISED LETTERS WOULD BE IN THE 6 OR 12 O'CLOCK POSITION.

B. OUTER RING ASSEMBLIES IN STOCK OR SWASHPLATES IN STOCK - INSPECT IAW THIS MESSAGE.

NOTE - IF NO CASTING LOGO IS FOUND IN THE AREA INDICATED THE OUTER RING ASSY IS CONSIDERED SERVICEABLE. ASSYS THAT ARE SERVICEABLE WILL HAVE CASTING LOGOS "TB" OR "AC" LOCATED ON THE BOTTOM OF THE RING IN APPROXIMATELY THE SAME LOCATION AS THE "HAC" LOGO. THIS CAN BE VERIFIED USING A HAND HELD MIRROR.

10. CORRECTION PROCEDURES - REMOVE SWASHPLATE CONTROL ASSEMBLIES THAT CONTAIN OUTER RING ASSEMBLIES WITH THE "HAC" RAISED LOGO IAW INSTRUCTION IN TH 55-1520-210-23-1.

11. WEIGHT AND BALANCE - N/A.

12. RECORDING AND REPORTING REQUIREMENTS

A. REPORTING SUSPENSE DATE (AIRCRAFT) - UPON ENTERING REQUIREMENTS OF THIS MESSAGE ON DA FORM 2400-13, FORWARD A PRIORITY MESSAGE, DATAFAX OR E-MAIL TO COMMANDER, AVSCOM, ATTN AMSAV-XSOF

(SOF COMPLIANCE OFFICER), PER AR 95-3. DATAFAX NUMBER IS AUTOVON 693-2064 OR COMMERCIAL 314/263-2064. E-MAIL ADDRESS IS "AMSAVXSOF (AT SIGN) ST-LOUIS-EMHS.ARMY.MIL". THE REPORT WILL CITE THIS MESSAGE NUMBER, DATE OF ENTRY IN DA FORM 2400-13, THE AIRCRAFT MISSION DESIGN SERIES AND SERIAL NUMBERS OF AIRCRAFT IN NUMERICAL ORDER.

B. REPORTING RESULTS OF TASK/INSPECTION (AIRCRAFT) - UPON COMPLETION OF INSPECTION, UNITS WITH GROUNDED AIRCRAFT WILL FORWARD A PRIORITY MESSAGE TO COMMANDER, AVSCOM, ATTN AMCPM-UH1-L. THE REPORT WILL CITE THIS MESSAGE NUMBER, DATE OF INSPECTION, AIRCRAFT SERIAL NUMBER. REPORTS WILL BE COMPLETED IMMEDIATELY AFTER INSPECTION.

C. REPORTING SUSPENSE DATE (SPARES) - DEPOT COMMANDERS AND OTHERS HOLDING ASSETS REFERENCED IN PARA 4 SHALL CONTACT BY TELEPHONE OR FORWARD A PRIORITY MESSAGE TO THE LOGISTICS POC IN PARA 12A CONFIRMING MESSAGE RECEIPT.

D. REPORT RESULTS OF TASK/INSPECTION (SPARES) - UPON COMPLETION OF THE INSPECTION DEPOT COMMANDERS AND OTHERS HOLDING STOCK SHALL FORWARD A PRIORITY MESSAGE REPORT OF RESULTS OF THIS INSPECTION TO PAGE 05 RUCIFRDS043 UNCLAS LOGISTICAL POC BELOW NLT 10 DAYS AFTER RECEIPT OF THIS MESSAGE. THE REPORT SHALL INCLUDE QUALITY ON HAND, QUANTITY WHICH PASSED INSPECTION AND QUANTITY WHICH FAILED INSPECTION.

E. THE FOLLOWING FORMS ARE APPLICABLE AND ARE TO BE COMPLETED