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MAILGRAM COPY SENT

4-001803A003 01/03/91
ICS DODCRAO ABN
00591 DOD CRC ALBANY GA 30902 JAN 91/003
PHS
USDA FOREST SVC AVIATION FIRE MGMT
3905 VISTA AVE
BOISE ID 83705

1 P RUCAFRA5023 0030747 DA-BCDYBA
P 0218002 JAN 91 ZEX
FM CDRAVSCOM ST LOUIS MO /AMSAV-XXOF/
TO RUCLRF/USDA FOREST SERVICE AVIATION FIRE MGMT
//3905 VISTA AVE BOISE ID 83705//
DA-BCDYBA
UNCLAS

SECTION 01 OF 02

SUBJECT - AVIATION SAFETY ACTION MESSAGE, MAINTENANCE MANDATORY, RCS
CSGD-1860(R1). ALL UH-1H/V/IV AIRCRAFT. ONE TIME INSPECTION OF PILOT
AND COPILOT DOOR HINGE PIN.

NOTE - THIS IS AN AVIATION SAFETY ACTION MESSAGE AND HAS NOT BEEN
TRANSMITTED TO UNITS SUBORDINATE TO ADDRESSEES. ADDRESSEES SHOULD
PAGE 02 RUCAFRA5023 UNCLAS
IMMEDIATELY RETRANSMIT THIS MESSAGE TO ALL SUBORDINATE UNITS,
ACTIVITIES OR ELEMENTS AFFECTED OR CONCERNED. THE RETRANSMITTAL
SHALL REFERENCE THE MESSAGE.

1. PRIORITY CLASSIFICATION

A. AIRCRAFT IN USE - UPON RECEIPT OF THIS MESSAGE THE CONDITION
STATUS SYMBOL OF THE CITED AIRCRAFT WILL BE CHANGED TO A RED
HORIZONTAL DASH ///. THE RED HORIZONTAL DASH /// MAY BE CLEARED
WHEN THE INSPECTION OF PARA B BELOW IS COMPLETED. THE AFFECTED
AIRCRAFT SHALL BE INSPECTED AS SOON AS PRACTICAL BUT NO LATER THAN
THE TASK/INSPECTION SUSPENSE DATE. FAILURE TO INSPECT PER THIS
MESSAGE WITHIN THE TIME FRAME WILL CAUSE THE STATUS SYMBOL TO BE
UPGRADED TO A RED ///X///.

B. AIRCRAFT IN DEPOT MAINTENANCE - SAME AS PARA 1A.

C. AIRCRAFT UNDERGOING MAINTENANCE -SAME AS PARA 1A.

D. AIRCRAFT IN TRANSIT -
(1) SURFACE/AIR SHIPMENT - SAME AS PARA 1A.
(2) FERRY STATUS - SAME AS PARA 1A.
E. MAINTENANCE TRAINERS (CATEGORY A, B AND C) - N/A.
F. COMPONENT/PARTS IN STOCK INCLUDING WAR RESERVES AT ALL LEVELS
(DEPOT AND OTHERS) - N/A.
PAGE 03 RUCIFRD/5023 UNCLAS
2. TASK/INSPECTION SUSPENSE DATE - WITHIN 50 FLIGHT HOURS OR 120
   DAYS FROM THE DATE OF THIS MESSAGE, WHICHEVER OCCURS FIRST.
3. REPORTING COMPLIANCE SUSPENSE DATE - WITHIN 15 WORKING DAYS OF
   THE DATE OF THIS MESSAGE PER PARA 14A.
4. SUMMARY OF PROBLEM -
   A. SOFT HINGE PINS MAY BE INSTALLED ON THE UH-1 CREW DOORS.
   THESE PINS HAVE A TENDENCY TO BEND AND NOT RELEASE WHEN THE JETTISON
   MECHANISM IS ACTIVATED. SOFT PINS MAY ALSO DEVELOP GROOVES FROM THE
   HINGES CAUSED BY AIRCRAFT VIBRATION.
   B. SOME OF THE HINGE PINS, P/N 204-030-790-13, NSN
      5315-00-079-0337 AND P/N 204-030-790-11, NSN 5315-00-079-0338
      PROCURED UNDER CONTRACTS DL50087BF395 AND DL50088B3935 MAY BE
      SOFT. THE DEFENSE LOGISTICS AGENCY IS CURRENTLY ON CONTRACT FOR
      REPLACEMENT HINGE PINS WITH A REVISED HARDNESS CONTROL UNDER NEW NSNs
      AND P/Ns.
   C. THE PHASED MAINTENANCE CHECKLIST REQUIRES INSPECTION OF THE
      CREW DOOR JETTISON MECHANISM AT EACH PHASE. THIS INSPECTION IS
      IMPORTANT TO DETERMINE IF THE HINGE PINS HAVE WEAR, CORROSION OR
      DISTORTION.
   D. THE PURPOSE OF THIS MESSAGE IS TO
      PAGE 04 RUCIFRD/5023 UNCLAS
      (1) REQUIRE INSPECTION OF HINGE PINS WITHIN 50 FLIGHT
      HOURS.
      (2) ADVISE UH-1 USERS THAT SOME HINGE PINS PROCURED MAY BE
      SOFT AND MAY NOT FUNCTION AS DESIGNED.
      (3) EMPHASIZE THE IMPORTANCE OF THE PHASE INSPECTION OF THE
      CREW DOOR JETTISON MECHANISM.
5. END ITEMS TO BE INSPECTED - ALL UH-1H/V/M AIRCRAFT.
6. ASSEMBLY COMPONENTS TO BE INSPECTED - N/A.
7. PARTS TO BE INSPECTED -
   NOMENCLATURE PART NO. NSN
   HINGE PINS 204-030-790-11 5315-00-079-0338
   204-030-790-13 5315-00-079-0337
8. INSPECTION PROCEDURES -
   A. INSPECT THE CREW DOOR JETTISON MECHANISM IAW TM
      55-1520-211-PH, PAGE 2-11, COCKPIT INTERIOR - 4. ITEM 1 FOR UH-1H/V
      AND TM 55-1520-212-PH, PAGE 2-17, AREA 4. ITEM 1 FOR UH-1H. IN
      ADDITION, RELEASE THE MECHANISM SEVERAL TIMES TO ASSURE HINGE PINS
      ARE ACCEPTABLE.
   B. IF HINGE PINS SHOW EVIDENCE OF GROOVING OR THE JETTISON
      MECHANISM FAILS TO RELEASE DUE TO DISTORTION/BENDING OF THE HINGE
      PINS, REPLACE THE HINGE PINS AS SOON AS PARTS ARE AVAILABLE.
   C. REPLACEMENT HINGE PINS, P/N 204-030-790-11 AND P/N

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4-001217A003 01/03/91
ICS DODCRSB ABN
00577 DOD CRC ALBANY GA 308582 JAN 91/003
PMS
USDA FOREST SVC AVIATION FIRE MSGT
3905 VISTA AVE
BOISE ID 83705

1 P RUCIFRD05024 0030747 DA-BCVBA
P 0218002 JAN 91 2EX
FM CSRUSCOM ST LOUIS MO //AMSAX-SXDF//
TO RUCIFRA/USDA FOREST SERVICE AVIATION FIRE MSGT
//3905 VISTA AVE BOISE ID 83705//
DA-BCVBA
UNCLAS

FINAL SECTION OF 02

B. REQUISITIONING INSTRUCTIONS - REQUISITION REPLACEMENT PARTS
THROUGH NORMAL SUPPLY CHANNELS USING NORMAL SUPPLY PROCEDURES. USE
PROJECT CODE CEX WHEN REQUISITIONING.
C. BULK AND CONSUMABLE MATERIALS - N/A.
D. DISPOSITION - DISPOSE OF REMOVED PARTS COMPONENTS IN
PAGE 02 RUCIFRD05024 UNCLAS
ACCORDING WITH NORMAL SUPPLY PROCEDURES.
E. DISPOSITION OF HAZARDOUS MATERIAL - N/A.

11. SPECIAL TOOLS, JIGS AND FIXTURES REQUIRED - N/A.
12. APPLICATION -
A. CATEGORY OF MAINTENANCE - AVUM, AIRCRAFT DOWNTIME WILL BE
CHARGED TO AVUM.
B. TIME REQUIRED -
(1) TOTAL OF 1 MANHOURS USING 2 PERSONS.
(2) TOTAL OF 1 HOURS DOWNTIME FOR ONE END ITEM.
C. ESTIMATED COST IMPACT OF STOCK FUND ITEMS TO THE FIELD -
NOMENCLATURE PART NO QUANTITY COST EA TOTAL $
HINGE PIN 204-030-790-11 2 $4.56 $9.12
204-030-790-13 2 $4.86 $9.72
TOTAL COST PER AIRCRAFT $18.84

D. TB/MOOG TO BE APPLIED PRIOR TO OR CONCURRENTLY WITH THIS

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