

W.U.  
3203 HILL ST  
RENO NV 89502 03AH

WESTERN UNION MAILGRAM



4-001546B003-001 01/03/91 ICS SOTBCT3 BESC  
SUSPECTED DUPLICATE: 4-001467A003 ICS IPMRYNL RND  
00541 RENO NV 01-03 0151A PST RYNK

USDA FOREST SVC AVIATION FIRE MGMT  
3905 VISTA AVE  
BOISE ID 83705

①  
UH-1-91-ASAM-01  
Pilot Co-pilot Door  
Lungs

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MAILGRAM COPY SENT

4-001203A003 01/03/91  
ICS DODCRSD ABN  
00591 DOD CRC ALBANY GA 30856Z JAN 91/003  
PHS  
USDA FOREST SVC AVIATION FIRE MGMT  
3905 VISTA AVE  
BOISE ID 83705

1 P RUCIFR05023 0030747 DA-BDCVBA  
P 021800Z JAN 91 ZEX  
FM CDRAVSCOM ST LOUIS MO //AMSAV-XSDF//  
TO RUCLRFA/USDA FOREST SERVICE AVIATION FIRE MGMT  
//3905 VISTA AVE BOISE ID 83705//  
DA-BDCVBA

UNCLAS  
SECTION 01 OF 02  
SUBJECT - AVIATION SAFETY ACTION MESSAGE, MAINTENANCE MANDATORY, RCS  
CSGLD-1860(R1), ALL UH-1H/V/M AIRCRAFT, ONE TIME INSPECTION OF PILOT  
AND COPILOT DOOR HINGE PINS, (UH-1-91-ASAM-01) (TB 55-1520-242-20-50)

NOTE - THIS IS AN AVIATION SAFETY ACTION MESSAGE AND HAS NOT BEEN  
TRANSMITTED TO UNITS SUBORDINATE TO ADDRESSEES. ADDRESSEES SHOULD  
PAGE 02 RUCIFR05023 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 -



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- (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 LEVEL

S  
 (DEPOT AND OTHERS) - N/A.

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- 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 5315-00-879-0337 AND P/N 204-030-790-11, NSN 5315-00-879-0338 PROCURED UNDER CONTRACTS DLA50088PF385 AND DLA50088MEM95 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

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- (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 TH

E  
 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	5315-00-879-0338
	204-030-790-13	5315-00-879-0337

8. INSPECTION PROCEDURES -

A. INSPECT THE CREW DOOR JETTISON MECHANISM IAW TM 55-1520-210-PH, PAGE 2-11, COCKPIT INTERIOR - 4, ITEM 1 FOR UH-1H/V AND TM 55-1520-220-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

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 PINS. REPLACE THE HINGE PINS AS SOON AS PARTS ARE AVAILABLE.

C. REPLACEMENT HINGE PINS, P/N 204-030-790-11 AND P/N

4-D.  
5205 HILL ST  
RENO NV 89302 03AM

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1-001565A003 01/03/91 ICS IPHYNL RND BESA  
00561 RENO NV 01-03 0210A PST RYNK

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BOISE ID 83705

4

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4-001217A003 01/03/91  
ICS DODCRSB ABN  
00597 DOD CRC ALBANY GA 30858Z JAN 91/003  
PMS  
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DA-BDCVBA  
UNCLAS

FINAL SECTION OF 02

B. REQUISITIONING INSTRUCTIONS - REQUISITION REPLACEMENT PARTS  
THROUGH NORMAL SUPPLY CHANNELS USING NORMAL SUPPLY PROCEDURES. USE  
PROJECT CODE CE9 WHEN REQUISITIONING.

C. BULK AND CONSUMABLE MATERIALS - N/A.

D. DISPOSITION - DISPOSE OF REMOVED PARTS/COMPONENTS IN  
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ACCORDANCE 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	\$9.18
	204-030-790-13	2	\$4.86	\$9.72

TOTAL COST PER AIRCRAFT \$18.90

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