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WESTERN UNION MAILGRAM®



1-005318A233 08/21/91 ICS DODCRSB ABN BESC  
01066 DOD CRC ALBANY GA 211704Z AUG 91/233

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

*FM Ant-*  
*(1)*  
*UH-1-91-ASAM-15*

1 R RUCIFRD5424 2331824 DA-BDCVBA  
R 211710Z AUG 91 ZEX  
FM CDRAVSCOM ST LOUIS MO //AMSAV-XSOF//  
TO RUCLRFA/USDA FOREST SERVICE AVIATION FIRE MGMT  
//3905 VISTA AVE BOISE ID 83705//  
DA-BDCVBA  
UNCLAS

PAGE 02 RUCIFRD5424 UNCLAS

SUBJECT - AVIATION SAFETY ACTION MESSAGE, INFORMATIONAL. RCS  
CSGLD-1860(R1), ALL UH-1 SERIES AIRCRAFT, LOOSE FM ANTENNA COUPLER  
SCREWS, (UH-1-91-ASAM-15)

NOTE - THIS IS AN AVIATION SAFETY ACTION 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 THE MESSAGE.

1. PRIORITY CLASSIFICATION - N/A.
2. TASK/INSPECTION SUSPENSE DATE - N/A.
3. REPORTING COMPLIANCE SUSPENSE DATE - N/A.
4. SUMMARY OF PROBLEM -

A. A RECENT UH-1 CLASS A MISHAP WAS A RESULT OF THE NUMBER 1 FM  
ANTENNA DEPARTING ITS MOUNT ON THE TAIL FIN AND STRIKING THE TAIL  
ROTOR. THE ANTENNA DEPARTED THE AIRCRAFT DUE TO THREE OF THE FOUR  
MOUNTING SCREWS BACKING OUT AND THE FOURTH SCREW FAILING FROM  
OVERSTRESS. THE SCREWS (TM 11-5821-244-34P, FIGURE 44, ITEM 19)  
HOLD THE ANTENNA AND PLATE ASSEMBLY (ITEM 13) TO THE COVER (ITEM  
18). THE SCREWS (ITEM 19) ARE NOT VISIBLE WITHOUT REMOVING THE  
COVER (ITEM 18) IAW TM 11-5821-244-34.

PAGE 03 RUCIFRD5424 UNCLAS

B. THE U.S. ARMY COMMUNICATIONS AND ELECTRONICS COMMAND (CECOM)  
HAS BEEN REQUESTED TO CHANGE TM 11-5821-244-34 TO INCLUDE THE USE OF  
LOCTITE WHEN INSTALLING THESE SCREWS. IN THE CURRENT CONFIGURATION,  
THERE IS NO LOCKING FEATURE ON THESE SCREWS. IN ADDITION, CECOM HAS  
BEEN REQUESTED TO INCLUDE AN INSPECTION OF THESE SCREWS FOR LOSS OF  
TORQUE WHENEVER THE SCREWS ARE ACCESSIBLE.

C. UNTIL THE ABOVE MANUAL CHANGES ARE COMPLETED, UNITS ARE  
ENCOURAGED TO IMPLEMENT THE CHANGES AS THEY DETERMINE NECESSARY.  
SCREWS FOUND LOOSE SHOULD BE REINSTALLED USING LOCTITE.

D. THE PURPOSE OF THIS MESSAGE IS TO INFORM UH-1 USERS OF THE  
CAUSE OF THE CLASS A MISHAP AND THE CORRECTIVE ACTIONS BEING TAKEN

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(2)

TO PREVENT THE PROBLEM FROM RECURRING.

5. END ITEMS AFFECTED - ALL UH-1 SERIES AIRCRAFT.
  6. ASSEMBLY COMPONENTS AFFECTED - FM ANTENNA AND PLATE ASSEMBLY, P/N SMC381441, NSN 5821-00-089-8205.
  7. PARTS AFFECTED - RETAINING SCREWS, P/N MS51959-29, NSN 5305-00-727-8832.
  8. INSPECTION PROCEDURES - N/A.
  9. CORRECTION PROCEDURES - N/A.
  10. SUPPLY/PARTS AND DISPOSITION - N/A.
- PAGE 04 RUCIFRD5424 UNCLAS
11. SPECIAL TOOLS, JIGS AND FIXTURES REQUIRED - N/A.
  12. APPLICATION - N/A.
  13. REFERENCES -
    - A. TM 11-5821-244-34P, ORGANIZATIONAL, DIRECT SUPPORT AND DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST FOR RADIO SET AN/ARC-54, DATED 27 DEC 85.
    - B. TM 11-5821-244-34, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL, RADIO SET AN/ARC-54, DATED SEP 73.
  14. RECORDING AND REPORTING REQUIREMENTS - N/A.
  15. WEIGHT AND BALANCE - N/A.
  16. POINTS OF CONTACT -
    - A. TECHNICAL POINT OF CONTACT FOR THIS MESSAGE IS MR. FRED KERSHAW, AMSAV-ECH, DSN 693-1683 OR COMMERCIAL 314/263-1683.
    - B. LOGISTICAL POINT OF CONTACT FOR THIS MESSAGE IS MS. SUE BAECHLER, AMCPM-UH-1, DSN 693-3763 OR COMMERCIAL 314/263-3763.
    - C. POINT OF CONTACT FOR THIS MESSAGE IS MR. BRAD MEYER, AMSAV-XSOF, DSN 693-9089 OR COMMERCIAL 314/263-9089.
    - D. FOREIGN MILITARY SALES (FMS) RECIPIENTS REQUIRING CLARIFICATION OF ACTION ADVISED BY THIS MESSAGE SHOULD CONTACT MR. RON VAN REES, AMSAV-IOA, DSN 693-2626 OR COMMERCIAL 314/263-2626.
- PAGE 05 RUCIFRD5424 UNCLAS
- E. AFTER HOURS CONTACT AVSCOM COMMAND OPERATIONS CENTER (COC) DSN 693-2066/7 OR COMMERCIAL 314/263-2066/7.

14:14 EST

MGMCOMP