NOTES: THIS IS A SAFETY-OF-FLIGHT MESSAGE AND HAS NOT BEEN TRANSMITTED TO UNITS SUBORDINATE TO ADDRESSES; ADDRESSES SHOULD IMMEDIATELY RETRANSMIT THIS MESSAGE TO ALL SUBORDINATE UNITS, ACTIVITIES OR ELEMENTS AFFECTED OR CONCERNED.

THE RETRANSMITTAL SHALL REFERENCE THIS MESSAGE.

SUBJECT: SAFETY-OF-FLIGHT MESSAGE (LONG TIME INSPECTION) FOR UH-1, H-20, H-21, H-34, STI, H-34, AND HH-60 OR SLUG HAWK HELICOPTERS; TO DD-192-91-12-20-17, DEFECTIVE CONTROL

C. LFS: [UH-1-77-5]

SUMMARY OF PROBLEM DETERMINATION HAS BEEN MADE THAT CONTROLLING CABLES (PN 272-71-72-1) HAVE BEEN RELEASED INTO THE SUPPLY SYSTEM WITH AN INCOMPLETE SWAGING OPERATION; RED RIVER ARMY DEPOT

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HAS RELEASED 44 OF THESE CABLES TO REQUESTING UNITS;

IT IS SUSPECTED THAT ONLY A SMALL QUANTITY OF THESE DEFECTIVE CABLES HAVE BEEN INSTALLED ON FIELDED AIRCRAFT;

AIRCRAFT WITH THESE CABLES WOULD ONLY BE AFFECTED;

THE CABLE HAS A BALL SWAGED ON EACH END;

THE SWAGING OPERATION IS A TWO PART OPERATION; THE DEFECTIVE CABLES HAVE ONLY THE FIRST SWAGING OPERATION ACCOMPLISHED; THE PURPOSE OF THIS MESSAGE IS TO LOCATE THE DEFECTIVE PARTS AND REMOVE THEM FROM SERVICE;

2. PRIORITY CLASSIFICATION

A. EQUIPMENT IN USEU urgent: AIRCRAFT IS IMMEDIATELY GROUNDED;

AND DECLARED INOPERABLE UNTIL COMPLIANCE WITH THIS TS STATUS;

SYMBOLO WILL BE CHANGED IMMEDIATELY TO A RED "X"; NOTEB: SEE PARAGRAPH 9; AT DD-11 FOR NONCOMPLIANCE AUTHORITY OF UNIT AND MAJOR COMMANDERS;

B. EQUIPMENT IN FIELD AND DEPOT STOCK Urgent: Servicable;

EQUIPMENT (AIRCRAFT AND CABLES) IN FIELD AND DEPOT STOCKS WILL BE DECLARED INOPERABLE AND WILL NOT BE ISSUED PRIOR TO INSPECTION;

CLEARANCE OF THIS TS;

C. END ITEM TO BE INSPECTED: ALL UH-1D/H HELICOPTER M77R.
A: COMPLETED TO BE INSPECTED N/A

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5: PARTS TO BE INSPECTED CONTROL CABLE ASSEMBLY, NSN 4010-01-021-88995, P/N 285-001-728-11 TWO EACH

A: APPLICATION

1: CATEGORY OF MAINTENANCE;
   (1) OPERATIONAL, AIRCRAFT, ORGANIZATIONAL MAINTENANCE;
   (2) AIRCRAFT UNDERGOING MAINTENANCE ORGANIZATION PERFORMING MAINTENANCE;
   (3) AIRCRAFT IN TRANSIT
   (A) IN SURFACE SHIPMENT MAINTENANCE ACTIVITY AT FINAL DESTINATION;
   (B) IN FERRY STATUS TO BE INSPECTED AT NEXT DESTINATION;
   C: APPLIED BY AIRCRAFT MECHANIC 676;
   C: TIME REQUIRED
   (1) APPROXIMATELY THREE MAN-BOURS AND A MINIMUM CREW OF ONE MAN IS REQUIRED TO ACCOMPLISH THIS INSPECTION;
   (2) DOWNTIME FOR THIS ITEM TOTAL THREE HOURS;

5: SUPPLY KITS/PARTS AND DISPOSITION

SOURCE 914.

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5: CONTROL CABLE ASSEMBLY REMOVED FROM SERVICE OR SUPPLY IN CONFORMANCE WITH THIS MESSAGE SHALL BE IMMEDIATELY FORWARDED TO COMMANDER, CORPUS CHRISTI, TEXAS, M/F AUSCOM ACCOUNT 5-3733; ITEMS SHOULD BE TAGGED UNSERVICEABLE AND MARKED FOR EXHIBIT PER SF 155-192-212-22-13.

5: SPECIAL TOOLS, JIGS AND FIXTURES REQUIRED N/A

6: INSPECTION PROCEDURE

A: REVIEW THE MAINTENANCE RECORDS TO DETERMINE IF THE TAIL ROTOR CONTROL CABLES HAVE BEEN REPLACED SINCE 13 SEP 76; IF THE CABLES HAVE NOT BEEN REPLACED, AIRCRAFT MAY BE RELEASED FOR FLIGHT; AIRCRAFT WITH POSSIBLE OR KNOWN REPLACEMENT CABLES REQUIRE THE FOLLOWING INSPECTION TO DETERMINE IF THE CABLES WERE MANUFACTURED BY ZAN MACHINES, 464 GRAND AVE., MARTEDU, NY 13808 UNDER CONTRACT DAAH61-76-D-4547.

B: CONTROL CABLES WHICH ARE CONTAINED IN THEIR ORIGINAL PACKAGE CAN BE IDENTIFIED BY THE CONTRACT NUMBER LISTED ON THE PACKAGE; THE ZAN MACHINE CABLES IDENTIFIED BY THE FOREGOING CONTRACT NUMBER ARE TO BE REMOVED FROM THE SUPPLY SYSTEM IN CONFORMANCE WITH PARAGRAPHS ABOVE.

C: CONTROL CABLES WHICH ARE NO LONGER CONTAINED IN THEIR ORIGI

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ORIGINAL PACKAGE MAY BE IDENTIFIED BY THE ACID ETCHING ON THE SPEED

D. VISUALLY INSPECT BOTH ENDS OF THE CABLE. AN IMPROPERLY SWAGED CABLE END BALL CAN BE IDENTIFIED BY A FLAT SPHERICAL END AND A SHANK WITH A RECTANGULAR CROSS SECTION; A PROPERLY SWAGED CABLE END BALL CAN BE IDENTIFIED BY HAVING A SPHERICAL END AND A SHANK WITH A ROUND CROSS SECTION. THE SWAGING OPERATION IS FURTHER IDENTIFIED IN MIL-STD MS20664. CONTROL CABLES WITH IMPROPERLY SWAGED CABLE END BALLS WILL BE REMOVED FROM SERVICE AND RETURNED IN ACCORDANCE WITH PARA 7B ABOVE.

E. CONTROL CABLES IDENTIFIED TO THE ABOVE CONTRACT OR WITH IMPROPER SWAGING ARE TO BE REMOVED FROM SERVICE IN ACCORDANCE WITH PARAGRAPH 7B ABOVE.

10. WEIGHT AND BALANCE DATE: N/A

11. RECORDING AND REPORTING INSTRUCTIONS:

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B. GROUNDING AND SAFETY-OF-FLIGHT MESSAGE FOLLOW-UP REPORT:


C. IF ADDITIONAL INFO OR CLARIFICATION OF THIS MSG IS REQUIRED, CONTACT MR. JAMES BOEN, USAASOC, AUTOVON 692-9866, COML 314-286-8666.