UNCLASSIFIED

This is a safety-of-flight message and must be transmitted to all subordinate units, activities, or elements affected or concerned. The message shall be transmitted to all units. The message is a reminder to all personnel that the lubricant level in the transmission tail rotor flexible coupling is low. The purpose of this message is to determine whether similar conditions exist throughout the fleet.

1. Summary of Problem: A major accident occurred due to insufficient lubricant in the transmission tail rotor flexible coupling. The inspection is to determine whether similar conditions exist throughout the fleet.

2. Priority Classification: CLN (urgent with limitations)

3. CLN A, upon receipt of this message, the status of the aircraft will be changed to a red 'X'. Failure to accomplish within the hours/days stipulated will cause condition status symbol 'X' to be changed to a red 'X'

4. Equipment in field or depot stock: Not applicable

5. End item to be inspected: CLN all UH-1H/OD/H/M and AH-1G/Q/S, S(MOD) and TH-19.
ASSEMBLIES OR COMPONENTS TO BE INSPECTED CLN THE FLEXIBLE COUPLINGS APPLY TO ALL OF THE FOLLOWING ASSEMBLIES.

TRANSMISSION T/R OUTPUT GUIL.
TAIL ROTOR MANGERS
42 DEGREE BOX
42 DEGREE BOX INPUT GUIL.
42 DEGREE BOX OUTPUT GUIL.
92 DEGREE BOX
92 DEGREE BOX INPUT GUIL.

PARTS TO BE INSPECTED CLN INSTALLED TAIL ROTOR FLEX COUPLINGS; WHICH CONSIST OF A MALE COUPLING PART NUMBER 284-048-663-7, -49 ON -A11 AND A FEMALE COUPLING PART NUMBER 284-048-664-8;

1. APPLICATION CLN
A. CATEGORY OF MAINTENANCE
   (1) OPERATIONAL AIRCRAFT CLN ORGANIZATIONAL MAINTENANCE;
   (2) AIRCRAFT UNDERGOING MAINTENANCE CLN ORGANIZATION PERFORMING MAINTENANCE;
   (3) AIRCRAFT IN TRANSIT CLN
   (A) IN Surface Shipments CLN MAINT ACTIVITY AT FINAL DESTINATION;
   (B) IN FERRY STATUS CLN TO BE INSPECTED AT FINAL DESTINATION;
   C. APPLIED BY CLN AIRCRAFT MECHANIC MOS 67N OR MOS 67Y.

PAGE 4 - RULNNAC3857 UNOLAS

2. TIME REQUIRED CLN
   (1) APPROXIMATELY 1 MAN HOUR TO PERFORM RECORDS CHECK;
   (2) APPROXIMATELY FIVE MANHOURS TO PERFORM INSPECTION AND RELUBRICATION; IF REQUIRED;
   (3) DURATION FOR THIS END ITEM IF RELUBRICATION IS REQUIRED 12 MAN HOURS.

2. SUPPLY KITS AND PARTS CLN
A. KITS CLN NOT APPLICABLE
B. THE FOLLOWING ITEMS MAY BE REQUIRED CLN

   NOMBRELATURE P/N  NSN 
   6 OZ TUBE GREASE  ANDEROL 6784  9150-01-416-1998  59G
   1 OZ TUBE GREASE  284-048-705-9  9130-00-584-4497  817
   (NSN 4705-00-4746-6121)

3. SPECIAL TOOLS AND TEST EQUIPMENT CLN NOT APPLICABLE

4. INSPECTION PROCEDURE CLN
A. INSPECT AIRCRAFT RECORDS TO DETERMINE IF ALL TAIL ROTOR FLEX COUPLINGS HAVE BEEN LUBRICATED SINCE LAST INSTALLATION; RECORDS CHECK REVEALS THAT ALL FLEX COUPLINGS HAVE BEEN LUBRICATED;
B. RELEASE AIRCRAFT FOR FLIGHT;
C. IF ACCURACY OF APPLICABLE FORMS AND RECORDS IS IN DOUBT, FLY WITH PARAGRAPHS 6 BELOW;
D. If records check reveals that assemblies containing flex coupling(s) have been installed since last lubrication interval (1000 hours or twelve month whichever occurs first), the coupling(s) shall be inspected and relubricated in accordance with applicable maintenance manuals.

E. All couplings in the supply system affected by this message shall be subjected to a detailed inspection prior to installation.

F. All transmission, 42 degree gearbox, 90 degree gearbox and hangar assembly couplings will be inspected for adequate lubrication prior to installation pending changes to appropriate publications.

1. Weight and balance CLN not applicable.

11. Recording and reporting instructions CLN.

A. Record and report accomplishment of this inspection in accordance with the procedures prescribed in TM 38-759. The following forms are applicable CLN DA FORM 2438-16, equipment inspection list CLN DA FORM 2427, maintenance request CLN DA FORM 2428-13, aircraft inspection and maintenance record and DA FORM 2428-4, equipment modification record.

B. Grounding and safety-of-flight message follow-up report ROS AMC 213, action addresses upon completion of the requirement.

F. 13 RULNNAC3393 UNCLAS

Sent forth in this message or not later than five days after date of accomplishment, will forward a message report of actions accomplished to CLN commander, USATSARCOM, ATTN CLN DRTS-MEM(11) PER AR 95-18.

The report will cite the TB, the aircraft mission design and series, and pertinent serial number of the aircraft. If all required actions not completed, the report will also contain the date by which it is estimated they will be completed. A final report will be forwarded after the actions have been completed, routing symbol as contained in AR 95-18 will be changed as indicated above.

2. Retransmittal of this message to any subordinate elements will list USATSARCOM, ATTN CLN DRTS-MEM(11), as an info addressee. The purpose of this request is to ensure that all CLN are promptly notified.

3. International logistics/foreign military sales recipients should contact TSARCOM, DRTS-1040, OMD WATKINS, AUTOVON 690-5934 or, commercial 314 266-5256 for clarification of this message.

4. If additional information or clarification of this message is required contact ROGER HEIDENREICH, AUTOVON 693-5914, COMMERCIAL 314-266-5914 OF THIS COMMAND.

ST 3-393