NOTE: THIS IS A SAFETY-OF-FLIGHT MESSAGE AND HAS NOT BEEN REPEATED TO UNITS SUBORDINATE TO ADDRESSEES; ADDRESSEES SHOULD IMMEDIATELY RETRANSMIT THIS MESSAGE TO ALL SUBORDINATE UNITS ACTIVITIES OR ELEMENTS AFFECTED OR CONCERNED; THE RETRANSMISSION SHALL REFERENCE THIS MESSAGE.

SUMMARY OF PAR 1. A CRACKED MAIN ROTOR BLADE SPAR WAS FOUND RECENTLY ON A COMMERCIAL HELICOPTER AFTER 485 FLIGHT HOURS; THE CRACK INITIATED AT AN INCLUSION ON THE INNER SURFACE OF THE SPAR. AN INVESTIGATION DISCLOSED THAT OTHER PAR 2. SPARS FROM THE SAME MANUFACTURING LOT MAY HAVE SIMILAR DEFECTS.


PRIORITY CLASSIFICATION: URGENT WITH LIMITATIONS.

A1 EQUIPMENT IN USE: EQUIPMENT IN USE WILL BE INSPECTED AS SOON AS POSSIBLE BUT NOT LATER THAN 16 FLIGHT HOURS OR 17 DAYS WHICHEVER OCCURS FIRST; UPON RECEIPT OF THIS MESSAGE AIRCRAFT STATUS WILL BE CHANGED TO A RED X.; FAILURE TO ACCOMPLISH THIS INSPECTION WITHIN THE HOURS/DAYS SPECIFIED WILL CAUSE AIRCRAFT CONDITION STATUS SYMBOL TO BE CHANGED TO A RED X.; B1 EQUIPMENT IN FIELD AND DEFECT STOCK: BLADES IN STOCK WILL BE INSPECTED AS SOON AS POSSIBLE TO EXPEDITE THE ACTION OF ISOLATING DEFECTIVE BLADES; IN NO EVENT WILL ANY BLADE OR AIRCRAFT BE ISSUED WITHOUT COMPLIANCE WITH THIS INSTRUCTION.

B2ND ITEM TO BE INSPECTED: ALL EH-1H UH-1D AND UH-1H SERIES HELICOPTERS;

PAGE TWO RULNEA 24611 UNCLASSIFIED
4, ASSEMBLY OR COMPONENT TO BE INSPECTED:
NOMENCLATURE: BLADE ASSY MAIN ROTOR

5, PARTS TO BE INSPECTED: NOT APPLICABLE

6, APPLICATION:
A, CATEGORY OF MAINTENANCE:
11/1 OPERATIONAL AIRCRAFT, ORGANIZATION MAINTENANCE;
11/2 AIRCRAFT UNDERGOING EXTENSIVE MAINTENANCE, MAINTENANCE
ACTIVITIES PERFORMING SUCH MAINTENANCE;
11/3 AIRCRAFT IN TRANSIT;
11/4 IN SURFACE SHIPMENT, WILL BE INSPECTED AT FINAL
DESTINATION;
11/5 IN FERRY STATUS, WILL BE INSPECTED AT FINAL
DESTINATION;
11/6 SPARE ASSEMBLIES IN TRANSIT, WILL BE INSPECTED AT
FINAL DESTINATION;

7, APPLIED BY: HELICOPTER REPAIRMEN, MOS 67N

8, TIME REQUIRED:
11/7 APPROXIMATELY 1/3 MAN-HOUR WITH A MINIMUM
CREW OF ONE MAN WILL BE REQUIRED TO ACCOMPLISH THIS INSPECTION;
THIS INCLUDES TIME REQUIRED TO GAIN ACCESS TO THE WORK AREA.
11/8 DOWN TIME FOR THE END ITEM IS .3 HOUR;

7, SUPPLY OF PARTS AND DISPOSITION:
A, THE FOLLOWING PARTS WILL BE REQUISITIONED WHEN REQUIRED:
NOMENCLATURE: BLADE ASSY MAIN ROTOR
P/N: 1615-67-72-8799 274-011-250-5 B-17

B, BLADES REMOVED AS A RESULT OF THIS INSPECTION WILL BE
SHIPPED TO: US ARMY 67, LOUIS AREA SUPPORT CENTER BLDG 274
GRANITE CITY IL 62040;

9, SPECIAL TOOLS JIGS AND FIXTURES REQUIRED: NONE REQUIRED

10, INSPECTION PROCEDURE, THE INSPECTION IS TO BE ACCOMPLISHED
BY VISUALLY EXAMINING AIRCRAFT RECORDS TO DETERMINE THE SERIAL
NUMBER OF EACH BLADE THAT IS INSTALLED ON AN AFFECTED AIRCRAFT;
INSPECTION OF SPARES MAY BE ACCOMPLISHED BY OBTAINING AND
REVIEWING THE BLADE RECORDS THAT SHOULD BE LOCATED IN THE
RECORDS STORAGE AREA OF THE BLADE SHIPPING CONTAINER;
BLADES IDENTIFIED WITH THE FOLLOWING SERIAL NUMBERS SHOULD
BE DISPOSED OF IN ACCORDANCE WITH PARAGRAPH 7B:
A2-2822 A2-2823 A2-2824 A2-2825 A2-2826 A2-2827 A2-2828 A2-2829
A2-2830 A2-2831 A2-2832 A2-2833 A2-2834 A2-2835 A2-2836
VERISH INITIAL FINDINGS BY OBSERVING SERIAL NUMBER ON BLADE
DATA PLATE AS REQUIRED;
WEIGHT AND BALANCE DATE: NOT APPLICABLE.

SAFETY-OF-FLIGHT MESSAGE RECORDING AND REPORTING INSTRUCTIONS:

A. RECORD AND REPORT ACCOMPLISHMENT OF THIS INSPECTION IN ACCORDANCE WITH THE PROCEDURES PRESCRIBED IN TM 36-752. THE FOLLOWING FORMS ARE APPLICABLE- DA FORM 2427 MAINTENANCE REQUEST- DA FORM 2428-5 EQUIPMENT MODIFICATION RECORD FOR EACH BLADE- DA FORM 2428-13 AIRCRAFT INSPECTION AND MAINTENANCE RECORD- DA FORM 2428-13 AIRCRAFT HISTORICAL RECORD- AND DA FORM 2428-16 EQUIPMENT Inspection LIST.

B. GROUNDING AND SAFETY-OF-FLIGHT MESSAGE FOLLOW-UP REPORT RC-AMC 213, ACTION ADDRESSED UPON COMPLETION OF THE REQUIREMENT SET FORTH IN THIS MESSAGE OR NOT LATER THAN FIVE DAYS AFTER DATE OF THIS MESSAGE WILL FORWARD A MESSAGE REPORT OF ACTIONS ACCOMPLISHED AND ACTIONS TO BE ACCOMPLISHED TO COMMANDER USAVSCOM ATTN- AMSAV-EK PER AR 95-16. THE REPORT WILL CITE THE TB, THE AIRCRAFT MISSION DESIGN AND SERIES AND PERTINENT SERIAL NUMBERS OF THE AIRCRAFT. IF ALL REQUIRED ACTIONS ARE NOT COMPLETED THE REPORT WILL ALSO CONTAIN THE DATE BY WHICH IT IS ESTIMATED THEY WILL BE COMPLETED. A FURTHER REPORT WILL BE FORWARDED AFTER THE

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ACTIONS HAVE BEEN COMPLETED, ROUTING SYMBOL AS CONTAINED IN AR 95-16 WILL BE CHANGED AS INDICATED ABOVE.


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