

PRIORITY

UH-1-77-14
m/r grip cracking
problem

25 JUL 77 14 51 H

① AUZEXH RULNNAC2703 2061414-0000-LRUHMDTA;
ZNR 00000

② 251430Z JUL 77 ZEX
FM CDR ARNG-040 EDGEWOOD HQ//NGB-AVN-L// Army
TO AIG 7401

INFO RUEADWD/CNGB WASH DC//NGB-ARL-A//
③ 222040Z JUL 77
FM CDRTSARCOM STL HQ//DRSTS-HEU//

BT
UNCLAS
NOTE - THIS IS A MAINTENANCE ADVISORY MESSAGE AND HAS NOT, REPEAT
HAS NOT, BEEN TRANSMITTED TO UNITS SUBORDINATE TO ADDRESSEES;
ADDRESSES SHOULD IMMEDIATELY RETRANSMIT THIS MESSAGE TO ALL
SUBORDINATE UNITS, ACTIVITIES OR ELEMENTS AFFECTED OR CONCERNED,
THE RETRANSMITTAL SHALL REFERENCE THIS MESSAGE,
SUBJECT CLN MAINTENANCE ADVISORY MESSAGE CONCERNING MAIN ROTOR
GRIP ASSEMBLIES P/N 204-211-121-1/5 UTILIZED ON UH-1B/D/H SERIES
HELICOPTERS (UH-1-77-14)

1, THIS COMMAND HAS RECEIVED FIVE REPORTS OF CRACKING OF UH-1H MAIN
ROTOR GRIP ASSEMBLIES WITHIN THE LAST TWO MONTHS; FOUR OF THE FIVE
CRACKS WERE EITHER BETWEEN THE DRAG BRACE ATTACHMENT TANGS OR
ADJACENT TO THE TANGS AND WERE DISCOVERED DUE TO LEAKAGE OF LUBRICANT

PAGE 2 RULNNAC2703 UNCLAS
THROUGH THE CRACK, THE FIFTH CRACK WAS ON THE LEADING EDGE SIDE OF
THE GRIP ASSEMBLY BETWEEN THE INBOARD LINER AND THE GRIP PLATE
ATTACHMENT AREA AND WAS NOT EXTERNALLY VISIBLE; THIS CRACK WAS
DISCOVERED DURING A TEARDOWN OF THE HUB ASSEMBLY FOR NORMAL SEAL
REPLACEMENT, THE FIVE GRIP ASSEMBLIES IN QUESTION ARE BEING SHIPPED
TO CDAD FOR AN ANALYTICAL TEARDOWN ANALYSIS TO DETERMINE THE FAILURE
MODE;

2, PENDING OUR RECEIPT OF THE ANALYTICAL TEARDOWN ANALYSIS RESULTS;
IT IS RECOMMENDED THAT ALL UH-1B/D/H MAIN ROTOR GRIP ASSEMBLIES BE
SUBJECTED TO A CLOSE VISUAL INSPECTION DURING THE NORMAL DAILY AND
PREFLIGHT INSPECTIONS, DURING THESE INSPECTIONS, PARTICULAR
ATTENTION SHOULD BE DIRECTED TOWARD THE DRAG BRACE ATTACHMENT AREA
MAINTENANCE WHICH REQUIRES GRIP REMOVAL, THE INTERIOR OF THE
ASSEMBLY ADJACENT TO THE INBOARD LINER SHOULD ALSO BE CLOSELY
INSPECTED;

3, UPON RECEIPT OF THE ANALYTICAL TEARDOWN ANALYSIS RESULTS,
ADDITIONAL INFORMATION CONCERNING THIS PROBLEM WILL BE ISSUED;
4, ANY P/N 204-211-121-1 OR 204-211-121-5 GRIP ASSEMBLIES
DISCOVERED TO BE CRACKED SHOULD BE REPORTED TO THIS COMMAND BY

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