

24 Aug 79 22 01z

RCTUZEXM RULNNAC2237 2361932-UUUU--RUMMDTA.
ZNR UUUUU
R 241614Z AUG 79 ZEX
FM ARNG-DAC EDGEMOOD MD //NGB-AVN-L//
TO AIG 7481
P 171851Z AUG 79
FM CDR USATSARCOM STL HQ //DRST5NEA(2)//
TO AIG 8881

Army

*UH-1-79-15
drop compensator
shear pin*

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NOTE - THIS IS A MAINTENANCE ADVISORY MESSAGE AND HAS NOT, REPEAT 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 THIS MESSAGE.

A. TM 55-1520-218-23P-1 DTS 1 MAR 77 WITH CHANGE 1.

B. TM 55-1520-218-PM 28 JUL 78 WITH CHANGE 2.

C. TM 55-1520-219-PHS DID 9 MAY 75 WITH CHANGE 9.

SUBJ - MAINTENANCE ADVISORY MESSAGE CONCERNING UH-1B/D/H AND EH-1H SERIES HELICOPTER DROP COMPENSATOR INSTALLATION SHEAR PIN INSPECTION (UH-1-79-15)

1. FIELD DATA RECEIVED BY THIS COMMAND HAS INDICATED THAT A UH-1H PRECAUTIONARY LANDING BECAME NECESSARY WHEN THE SHEAR PIN FOR THE COLLECTIVE STICK SHEARED BETWEEN THE BELLCRANK, DROP COMPENSATOR, NSN 3040-80-101-3184, P/N 205-060-752-3, AND THE FITTING COMPEN-

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SATOR, INSTALLATION DROP, NSN 1560-80-968-4688, P/N 205-060-752-1, RESULTING IN LOSS OF THE GOVERNOR COMPENSATOR SYSTEM CONTROL AND AN INCREASE IN POWER TURBINE RPM. FAILED PIN IS -

P/N STRAIGHT HEADED NSN 5315-80-715-5433, P/N 204-060-752-5 REF A FIG 118, ITEM 20, OR FIG 120, ITEM 25. SUBSEQUENT INSPECTIONS BY VARIOUS UNITS REVEALED ADDITIONAL SHEARED AND/OR WORN PINS WHICH REQUIRED REPLACEMENT. WORN OR BROKEN PINS MAY CAUSE THE CONTROL TUBE, ITEM 26, FIG 120 OF REF A, TO CHAFE WHERE IT GOES THROUGH THE FIRE WALL REQUIRING REPLACEMENT OF TUBE.

2. IT IS RECOMMENDED THAT ALL UH-1B/D/H AND EH-1H SERIES HELICOPTERS BE INSPECTED FOR DISCREPANT SHEAR PINS IN ACCORDANCE WITH THE FOLLOWING INSTRUCTIONS DURING THE NEXT PHASE/PERIODIC INSPECTION -

A. REMOVE PIN, STRAIGHT, HEADED ITEM 20, FIG 118 OR ITEM 25, FIG 120, IN APPROPRIATE TM INSTRUCTIONS DURING THE NEXT SCHEDULED MAINTENANCE CHECK.

B. INSPECT FOR SHEARED CONDITION. INSPECT FOR NICKS OR SCRATCHES NIE 0.01 INCH DEEP. INSPECT PIN DIAMETER TO BE NO LESS THAN 0.11 INCHES ON ANY PART ALONG ITS 0.45 INCH LONG AXIS (DISCOUNT CHAMFER).

C. IF ANY OF THE CONDITIONS OF PARA 2B ABOVE ARE FOUND, PIN

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WILL BE REPLACED WITH LIKE NEW ITEM.

3. REF B & C WILL BE UPDATED TO REQUIRE THE ABOVE INSPECTION TO BE PERFORMED EVERY EIGHTH PHASE OR EIGHTH PERIODIC, RESPECTIVELY.

4. INTERNATIONAL LOGISTICS/FMS RECIPIENTS DESIRING CLARIFICATION OF THIS MESSAGE SHOULD CONTACT CWS BROCK WATKINS, USATSARCOM, DRSTS-10(2), AUTOVON 693-0286, OR COMMERCIAL 314-263-0286.

5. IF ADDITIONAL INFORMATION OR CLARIFICATION OF THIS MESSAGE IS REQUIRED, CONTACT MR. DICK MOOY, USATSARCOM, DRSTS-MEA(2), AUTOVON 693-1351, OR COML 314-263-1351.

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