NOTE - This is a maintenance advisory message and must not be transmitted to any subordinate units, activities, or elements affected or concerned. The retransmitting party shall reference this message. A. TM 55-1520-210-23P-1 DTS 1 MAR 78 WITH CHANGE 1. B. TM 55-1520-210-PH 20 JUL 78 WITH CHANGE 2. C. TM 55-1520-219-PHS DID 9 MAY 78 WITH CHANGE 3. SUBJ - Maintenance advisory message concerning UH-1B/D/H and EH-1H series helicopter drop compensator installation shear pin inspection (UH-1A/1-D-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 3040-00-181-3106, P/N 205-056-721-3, and the fitting compens-

UNCLAS

SATOR, INSTALLATION DROOP, NSN 3040-00-181-3106, P/N 205-056-721-3, RESULTING IN LOSS OF THE GOVERNOR COMPENSATOR SYSTEM CONTROL AND AN INCREASE IN PNEUMATIC ROLL. FAILED PIN IS - P/N STRAIGHT HEADED NSN 5312-00-715-5433, P/N 204-050-715-25 REF A Fig 118, Item 20, On Fig 120, Item 25. SUBSEQUENT INSPECTIONS BY VARIOUS UNITS REVEALED ADDITIONAL SHEARED AND/OR BROKEN PINS WHICH REQUIRED REPLACEMENT. WORN OR BROKEN PINS MAY CAUSE THE CONTROL TUBE, ITEM 26, FIG 120, IF REF A, TO CHAFE WHERE IT GOES THROUGH THE FIRE WALL REQUIRING REPLACEMENT OF CONTROL.

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 26, FIG 118 OR ITEM 25, FIG 120, IF APPROPRIATE TO INSTRUCTIONS DURING THE NEXT SCHEDULED MAINTENANCE WHICH - 1. REF A FOR SHEAR WEAR CONDITION, INSPECT FOR NICKS OR SCRATCHES NOT 0.01 INCH DEEP. INSPECT PIN DIAMETER TO BE NO LESS THAN 0.49 INCH ALONG ITS 0.45 INCH LONG AXIS (DISCOUNT CHAMFER). 2. IF ANY OF THE CONDITIONS OF PARA 2B ABOVE ARE FOUND, PIN
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 CMS BROCK WATKINS, USATSA RCOM, DRSTS-I0(2), AUTOVON 693-0286, OR COMMERCIAL 314-263-0286.

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

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