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PTTUZYX RULNNA3551 2242225-0000--RUMVDTA;
ZNR 00000
P-112225Z AUG 76 ZBX
FM AFNG-DAD EDDEWOOD MD //OAC-AVN-1//
TO AIG 7481
INFO RUEFHDA/CNGB WASH DC //NGB-ARL-A//
P R 111900Z AUG 76
FM CDRAVSCOM STL MO //ORSAV-FEU//
TO AIG 8881
BT

UNCLAS
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
SUPERIOR UNITS, ACTIVITIES OR ELEMENTS AFFECTED OR CONCERNED;
THE RETRANSMITTAL SHALL REFERENCE THIS MESSAGE;

SUBJECT - MAINTENANCE ADVISORY MESSAGE CONCERNING ROTATING CONTROL
SYSTEM BOLTED CONNECTIONS FOR UH-1C/M HELICOPTERS (UH-1-76-19)

1. THE PURPOSE OF THIS MESSAGE IS TO CLARIFY THE HARDWARE AND
INSTALLATION TORQUE REQUIREMENTS FOR SUBJECT CONNECTIONS;
REPORTS OF CRACKED NUTS AND LOOSE CONNECTIONS WARRANT ISSUING THESE
CLARIFYING INSTRUCTIONS;

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2. REF TO PARA 9F(1) AND 9F(2) DELETED SELF-LOCKING CASTELLATED
NUTS AND SPECIFIED AN312-8 NUTS TORQUED TO 700 INCH-POUNDS MINIMUM;
1100 INCH-POUNDS MAXIMUM ON BOTH ENDS OF SCISSORS TO MIXING LEVER
CONNECTING LINK P/N 548-011-428-5, NON-STANDARD TORQUE;
 3. THE AN328-9 NUT USED ON THE SCISSORS PIVOT BOLT IS TORQUED 650
INCH-POUNDS MINIMUM, 800 INCH-POUNDS MAXIMUM, NON-STANDARD TORQUE;
 4. THE AN312-10 NUT USED ON THE STABILIZER BAR PIVOT BOLT IS TORQUED
1200 INCH-POUNDS MINIMUM; 1550 INCH-POUNDS MAXIMUM, NON-STANDARD
TORQUE;
 5. THE NUTS USED AT THE FOLLOWING BOLTED CONNECTIONS WILL BE REVISED
TO SPECIFY AN312 NUTS IN LIEU OF SELF-LOCKING CASTELLATED NUTS;
 6. AN312-8 NUT WILL BE USED ON THE SHASHPLATE TO SCISSORS DRIVE LINK
CONNECTIONS AND TORQUED TO 700 INCH-POUNDS MINIMUM; 1100 INCH-POUNDS
MAXIMUM, NON-STANDARD TORQUE;
 7. AN312-8 NUT WILL BE USED AT THE SHASHPLATE TO ANTI-DRIVE LINK
CONNECTION AND TORQUED TO 400 INCH-POUNDS TO 600 INCH-POUNDS;
STANDARD TORQUE;
 8. AN312-10 NUT WILL BE USED AT THE STABILIZER BAR MIXING LEVER TO
PITCH LINK CONNECTIONS AND TORQUED 1250 INCH-POUNDS MINIMUM,
1550 INCH-POUNDS MAXIMUM, NON-STANDARD TORQUE;

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9. AN310-10 NUT WILL BE USED AT THE DRIVE LINK TO SCISSORS LEVER CONNECTIONS AND TORQUED 1250 INCH-POUNDS MINIMUM, 1550 INCH-POUNDS MAXIMUM, NON-STANDARD TORQUE.

10. AN310-7 NUT WILL BE USED AT THE STABILIZER BAR CENTER FRAME TO MIXING LEVER CONNECTIONS AND TORQUED TO 220 INCH-POUNDS MINIMUM, 720 INCH-POUNDS MAXIMUM, NON-STANDARD TORQUE.

11. AN310-5 NUT WILL BE USED ON THE BOLTS AT BOTH ENDS OF THE STABILIZER BAR DAMPER CONNECTING LINK AND TORQUED TO 100 INCH-POUNDS TO 140 INCH-POUNDS, STANDARD TORQUE.

12. NON-STANDARD TORQUES LISTED ABOVE EXCEED THE INSTALLATION TORQUES FOR SELF-LOCKING CASTELLATED NUTS IN SOME INSTANCES. USE OF THE AN NUTS WITH HIGH TORQUES WILL GIVE BETTER RESULTS THAN OTHER ALTERNATE CHOICES AVAILABLE.

12. RECOMMEND USING ABOVE NUTS TO TORQUES LISTED ABOVE, ON SUBJECT CONNECTIONS, AT THE NEXT SCHEDULED INTERMEDIATE INSPECTION.

14. THE AFFECTED MANUALS WILL BE REVISED TO REFLECT THE ABOVE INSTRUCTION

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