

UH-1-77-12
mismatch of 204
212 hanger Assy
parts

ARMY

RAAUZYUW RULNAC1496 1268245-UCU--RUMMDTA,
ZNR UUUUU
R 062845Z MAY 77
FM CDR ARNG-OAC EDGEWOOD MD //NGS-AVM-L//
TO AIG 7401
R 051619Z MAY 77 ZFF-4
FM ODRAVSOOM STL MO //DRSAV-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 ADDRESSERS;
ADDRESSEES SHOULD IMMEDIATELY RETRANSMIT THIS MESSAGE TO ALL
SUBORDINATE UNITS, ACTIVITIES OR ELEMENTS AFFECTED OR CONCERNED;
THE RETRANSMITTAL SHALL REFERENCE THIS MESSAGE;
SUBJECT MAINTENANCE ADVISORY MESSAGE ON AH-1/UH-1 HELICOPTERS
CONCERNING MISMATCH OF TAIL ROTOR DRIVE SHAFT HANGER ASSEMBLY PARTS
(AH-1-77-12/UH-1-77-12)
1. PURPOSE OF THE MESSAGE IS TO ALERT ALL DIRECT SUPPORT MAINTENANCE
PERSONNEL AND ALL USERS OF THE POSSIBILITY FOR MISMATCHING INTERNAL
PARTS OF THE MODEL 204 AND MODEL 212 HANGER DURING ASSEMBLY,
2. DESPITE THE DIFFERENCE IN NUMBER OF SPLINE TEETH, IT IS POSSIBLE

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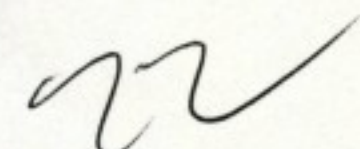
PAGE 2 RULNAC1496 UNCLAS
TO ASSEMBLE A 212-848-682-3 HANGER ASSEMBLY WITH AN INCORRECT
204-848-682-5 SHAFT IN ITS CORE INSTEAD OF THE 212-848-682-1 SHAFT;
3. LIKEWISE, A 204-848-682-9 HANGER ASSEMBLY CAN BE BUILT UP WITH
AN INCORRECT 212-848-614-1 AFT COUPLING AND/OR AN INCORRECT
204-848-683-9 MALE COUPLING,
4. IF EITHER OF THE INCORRECT ASSEMBLIES BECOMES INSTALLED ON AN
AIRCRAFT, THE RESULTING VIBRATION SHOULD BE READILY DETECTABLE
DURING MAINTENANCE OPERATIONAL CHECK-OUTS,
5. VERIFICATION THAT INSTALLED ASSEMBLIES ARE CORRECT MAY ALSO BE
ACCOMPLISHED BY MEANS OF A DIAL INDICATOR SET UP ON THE HANGER;
RUNOUT OF ADJACENT COUPLINGS BETWEEN 0.285 AND 0.297 INCH TIR
WOULD RESULT IF EITHER INCORRECT PART IS USED, NORMAL RUNOUT SHOULD
BE LESS THAN 0.288 INCH TIR,
6. HANGER ASSEMBLIES CAUSING HIGH-FREQUENCY VIBRATION AND THOSE
WITH EXCESSIVE RUNOUT SHOULD BE REMOVED AND SENT TO THE DIRECT
SUPPORT FACILITY FOR REPAIR, THE MODEL 212 HANGER ASSEMBLIES AND
OTHER 212 HANGER PART NUMBERS ARE USABLE ONLY ON THE AH-15 AT THIS
TIME,
7. A CAUTIONARY NOTE WILL BE INSERTED IN FUTURE REVISIONS TO THE
AFFECTED TECHNICAL MANUALS AS FOLLOWS: "DO NOT COMBINE A 204-848-682-5

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SHAFT WITH EITHER THE 212-248-614-1 AFT COUPLING OR THE
204-242-603-9 MALE COUPLING, OR BOTH, WHEN BUILDING UP THE HANGER
ASSEMBLY."

8. IF ADDITIONAL INFORMATION OR CLARIFICATION OF THIS MESSAGE IS
REQUIRED, CONTACT MR. TOM HACEI, AVSCOM, AUTOVON 698-6516,
COMMERCIAL 314-268-616.

BT
#1496



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