

RCTUZEXH RULNNAQ0148 1651930-UUUU--RUMMDTA

ZNR UUUUU

~~R 141915Z JUN 82 ZEX~~

~~FM HGR ARNG OAC EA APG MD //NGB-AVN-LI~~

~~TO AIG 7481~~

~~RULGOML7TAG V1 ST CROIX V1~~

~~ACOT DA=BHOSVD~~

~~R 012030Z JUN 82~~

~~FM CDRTSARCOM STL MO //DRSTS-M//~~

~~TO AIG 6713~~

~~INFO AIG 7004~~

~~ACOT DA=BHOSVD~~

~~BT~~

~~UNCLAS~~

SUBJECT EXTENDED PHASE MAINTENANCE INTERVALS FOR UH-1H/V AND
OH-47B/C AIRCRAFT

1. AN ON-SITE VALIDATION OF THE REVISED PHASE MAINTENANCE INSPECTION CHECKLISTS HAS BEEN ACCOMPLISHED WITH CCAD FLIGHT MAINTENANCE PERSONNEL, FORSCOM PERSONNEL AT FT CAMPBELL, TRADOC PERSONNEL AT FT RUCKER, AND REPRESENTATIVES OF THE SAFETY CENTER. ALL PRECEDING PERSONNEL WERE INVITED TO PARTICIPATE IN A JOINT REVIEW HELD 10-14 MAY 1982, AND THE FINAL REVIEW HELD 1 JUNE 1982 AT TSARCOM, ST. LOUIS.
2. FT CAMPBELL HAS DEMONSTRATED THE FEASIBILITY OF EXTENDING THE OH-47B/C PHASE MAINTENANCE INTERVALS FROM 100 TO 200 HOURS. A TOTAL OF 19 OH-47B/C AIRCRAFT HAVE COMPLETED THE 200 HOUR PHASE MAINTENANCE INTERVAL WITH NO MAJOR PROBLEMS. IN ADDITION, FT RUCKER HAS BEEN AUTHORIZED AN EXTENSION OF THE UH-1H PHASE

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PAGE 02 RUCIFRA5R92 UNCLAS

MAINTENANCE INTERVAL FROM 100 TO 150 HOURS AND IS RAPIDLY ACCUMULATING REQUIRED DATA.

3. UPON COMPLETION OF THE NEXT SCHEDULED 100 HOUR PHASE MAINTENANCE INSPECTION ON THE UH-1H/V AIRCRAFT, ALL FOLLOWING PHASE MAINTENANCE INSPECTIONS WILL BE PERFORMED AT 150 HOUR PHASE INTERVALS WITH A 900 HOUR CYCLE.
4. UPON COMPLETION OF THE NEXT SCHEDULED 100 HOUR PHASE MAINTENANCE INSPECTION ON THE OH-47B/C AIRCRAFT ALL FOLLOWING PHASE MAINTENANCE INSPECTIONS WILL BE PERFORMED AT 200 HOUR PHASE INTERVALS WITH AN 800 HOUR CYCLE.
5. REVISED PHASE MAINTENANCE MANUALS REFLECTING THE ABOVE WILL BE DISTRIBUTED BY 30 SEPTEMBER 1982. THESE NEW PUBLICATIONS HAVE BEEN SCRUBBED TO ELIMINATE REDUNDANCY OF INSPECTIONS BY ELIMINATING DUPLICATION OF TASKS IN THE PILOTS CHECK LIST, THE PMD DAILY CHECK LIST, AND THE DA FORM 2400-18 EQUIPMENT INSPECTION LIST. THIS HAS RESULTED IN THE DELETION OF 111 MAINTENANCE TASKS FOR THE UH-1H/V AND 186 MAINTENANCE TASKS FOR THE OH-47B/C THAT

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RGTUZEXN RULMNAQ#189 1988445-UUUU--RURRDTA,
ZNR UUUUU
R 161545Z JUL 82 ZEX
FM MGR ARNG DAC EA APG MD //NGB-AVN-L//
TO AIG 7481
RULGCHL/TAG VI ST CROIX VI
R 021400Z JUL 82
FM CDRTSARCOM STL MO //DRSTS-M//
TO AIG 6713
INFO AIG 9024
BT

Army

17 JUL 82 @ SITE

UNCLAS
SUBJECT EXTENDED PHASE MAINTENANCE INTERVALS FOR UH-1H/V AND CH-47
B/C AIRCRAFT
1. TSARCOM MESSAGE DRSTS-M, 012030Z JUNE 82, SAB,
1. THE PURPOSE OF THIS MESSAGE IS TO CLARIFY REFERENCE A AND PROVIDE
ADDITIONAL GUIDANCE FOR TRANSITIONING TO EXTENDED PHASE MAINTENANCE
INTERVALS FOR UH-1H/V AND CH-47B/C AIRCRAFT;
2. UNTIL NEW PUBLICATIONS ARE RECEIVED PRESENT PUBLICATIONS WILL BE
USED;
3. INSURE A PHASE MAINTENANCE INSPECTION HAS BEEN PERFORMED SINCE
1 JUNE 1982 USING OLD CRITERIA;
4. THE NEXT PHASE INSPECTION AFTER COMPLIANCE WITH ITEM 2 WILL BE
SCHEDULED FOLLOWING THE EXTENDED PHASE MAINTENANCE INSPECTION
INTERVALS IN REFERENCE A;
5. THE FIRST PHASE INSPECTION USING THE NEW INTERVALS WILL BE PHASE

PAGE 02 RUCIFRA5218 UNCLAS
ONE (1), CYCLE ONE (1) FOR BOTH TYPE AIRCRAFT;

6. AN ENTRY SHALL BE RECORDED ON THE DA FORM 2488-15 HISTORICAL
RECORD FOR AIRCRAFT WHEN THE AIRCRAFT IS PLACED ON EXTENDED PHASE
MAINTENANCE INTERVALS. THE ENTRY SHALL INCLUDE DATE AND AIRCRAFT
TIME (FLIGHT HOURS), WHEN PLACED ON EXTENDED PHASE MAINTENANCE
INTERVALS AND TIME (FLIGHT HOURS) WHEN PHASE NO. ONE (1) IS DUE;
7. ALL REQUIRED SPECIAL INSPECTIONS WILL BE PERFORMED AS LISTED IN
EXISTING PUBLICATIONS;
8. INSURE NO TIME LIMITED COMPONENTS WILL EXCEED THEIR MAXIMUM
OPERATING INTERVAL;
9. THE FOLLOWING SPECIAL INSPECTIONS WILL BE PERFORMED ON CH-47B/C
AIRCRAFT AT THE 100, 300, 500 AND 700 HOUR INTERVALS IN ACCORDANCE
WITH THE APPLICABLE INSPECTION REQUIREMENTS OF TM95-1520-227-PH AS
LISTED BELOW
A. ROTOR HUB - PAGE 2-32, ITEM 6 AND PAGE 2-36, ITEM 6;
B. AFT TRANSMISSION - PAGE 2-49, ITEM 13;
C. COMBING TRANSMISSION - PAGE 2-89, ITEMS 1 AND 2;

(5)

D, FORWARD TRANSMISSION - PAGE 2-57, ITEM 23 AND PAGE 2-93;

ITEM 2,

E, FUEL FILTERS/SCREENS - PAGE 2-42, ITEMS 6, 7, 8, 9 AND 10;

PAGE 03 RUCIFRA5218 UNCLAS

PAGE 2-43 ITEM 12; PAGE 2-78, ITEMS 6, 7, 8, 9 AND 10; PAGE 2-79;

ITEM 12,

F, ENGINE DRIVESHAFT SPLINES - PAGE 2-45, ITEM 4 AND PAGE 2-81;

ITEM 4,

G, CHIP DETECTOR TESTS - PAGE 2-99; ITEM 21-30;

H, EXTERNAL CARGO HOOK - PAGE 2-98; ITEM 18-9;

I, FINAL INSPECTION - PAGE 2-103; ITEMS 1, 2 AND 3;

10; YOU ARE FURTHER REQUESTED TO INSURE STRICT ADHERENCE TO THE REQUIREMENTS OF TSARCOM MAINTENANCE NOTICE CH-47-80-13, SUBJECT ADDITIONAL CALENDAR TIME INSPECTIONS ON CH-47B/C AIRCRAFT, EXCEPT EVERY 100 FLYING HOUR REQUIREMENT IS CHANGED TO EVERY 200 HOURS WITH THE CALENDAR REQUIREMENT NOT CHANGED;

11; THE FIRST PHASE MAINTENANCE INSPECTIONS UNDER THE 150 HOUR FLYING INTERVAL FOR THE UH-1H/V AIRCRAFT AND THE 200 HOUR FLYING INTERVAL FOR THE CH-47B/C AIRCRAFT SHALL CONSIST OF MEETING ALL

CRITICAL INSPECTION REQUIREMENTS OF THE COMPLETE PHASED MAINTENANCE SYSTEM, INCLUDING DAILY AND ALL PHASES;

12; POINT OF CONTACT FOR THIS SUBJECT IS MR. RICHARD A. CARDINALE, AUTOVON 861-2023, COMMERCIAL 512-939-2023,

BT

#0189

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~~RCTUZEXN RULNNAGP162 2222121-UUUU--RUHMDTA;~~

~~ZNR UUUUU~~

0 111230Z AUG 82 ZEX
FM HQR ARNG OAC EA APG MD//NGB-AVN-L//

~~TO AIG 7401~~

RULGCHL/TAG VI ST CROIX VA

ACCT DA-BHCSVD

R 761530Z AUG 82

FM CDRTSARCOM STL HQ //DRSTS-M//

TO AIG 6713

INFO AIG 9004

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UNCLAS

~~SECTION 01 OF 02~~

SUBJECT EXTENDED PHASE MAINTENANCE INTERVALS FOR UH-1H/V AND
CH-47B/C AIRCRAFT

A, TSARCOM MESSAGE DRSTS-M, 012030Z JUNE 82, SAB,

B, TSARCOM MESSAGE DRSTS-M, 021400Z JULY 82, SAB,

C, TSARCOM MESSAGE DRSTS-M, 002030Z JULY 82, SAB,

NOTE THIS MAINTENANCE MESSAGE 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; THE RETRANSMITTAL SHALL
REFERENCE THIS MESSAGE;

1, THE PURPOSE OF THIS MESSAGE IS TO COORDINATE INTO ONE MESSAGE
ALL OF THE INSTRUCTIONS CONTAINED IN REFERENCES A, B AND C FOR
PLACING SUBJECT AIRCRAFT ON AN EXTENDED PHASE MAINTENANCE INTERVAL;

PAGE 02 RUCIFRA551R UNCLAS

THEREFORE, UPON RECEIPT OF THIS MESSAGE, MESSAGES LISTED IN
REFERENCES A, B AND C ARE RESCINDED.

DRSTS-MRR, DRSTS-MPSO, DRSTS-P, DRSTS-Q, DRSTS-S, DRSTS-SDD, DRSTS-I,

2, ALL UNITS ARE HEREBY AUTHORIZED TO GO TO A 150 HOUR PHASE

PROGRAM ON THE UH-1H/V AND A 200 HOUR PHASE PROGRAM ON THE

CH-47B/C;

3, ALL UNITS NOT PLANNING TO TRANSITION TO THE EXTENDED PHASE

INSPECTIONS AT THIS TIME ARE TO CONTINUE USING EXISTING

INSTRUCTIONS CONTAINED IN CURRENT PHASE MAINTENANCE MANUALS AND

APPLICABLE MESSAGES;

4, ALL UNITS PLANNING TRANSITION SHALL COMPLY WITH THE INSTRUCTIONS

CONTAINED IN THIS MESSAGE AND APPLICABLE PUBLICATIONS. A COPY OF

THIS MESSAGE SHALL BE ATTACHED TO THE PHASE MAINTENANCE MANUALS AND

APPLICABLE TMS UNTIL NEW MANUALS ARE FIELDIED;

5, INSTRUCTIONS FOR TRANSITION AND PERFORMANCE OF EXTENDED PHASE

MAINTENANCE FOR BOTH UH-1H/V AND CH-47B/C AIRCRAFT;

A, INSURE A PHASE MAINTENANCE INSPECTION HAS BEEN PERFORMED

AFTER 1 JUNE 1982 USING THE OLD 100 HOUR PHASE MAINTENANCE CRITERIA

ARMY
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FOR BOTH TYPES OF AIRCRAFT;

B. THE FIRST PHASE INSPECTION USING THE NEW INTERVALS WILL BE

PAGE 03 RUCIFRASS18 UNCLAS

PHASE ONE (1), CYCLE ONE (1) FOR BOTH TYPES OF AIRCRAFT.

C. AN ENTRY SHALL BE RECORDED ON THE DA FORM 2428-15, HISTORICAL RECORD FOR AIRCRAFT WHEN THE AIRCRAFT IS PLACED ON EXTENDED PHASE MAINTENANCE INTERVALS; THE ENTRY SHALL INCLUDE THE DATE AND AIRCRAFT TIME (FLIGHT HOURS) WHEN PLACED ON THE EXTENDED PHASE MAINTENANCE INTERVALS AND AIRCRAFT TIME (FLIGHT HOURS) WHEN PHASE NUMBER ONE (1) IS DUE.

6. INSTRUCTIONS FOR TRANSITION TO EXTENDED PHASE MAINTENANCE FOR UH-1H/V AIRCRAFT ONLY.

A. UPON COMPLETION OF THE 120 HOUR PHASE MAINTENANCE INSPECTION ON THE UH-1H/V AIRCRAFT AS DESCRIBED IN PARAGRAPH 5A, ALL FUTURE PHASE MAINTENANCE INSPECTIONS WILL BE PERFORMED AT 120 HOUR PHASE MAINTENANCE INTERVALS WITH A 900 HOUR CYCLE.

B. ALL REQUIRED SPECIAL INSPECTIONS, SAFETY OF FLIGHT INSTRUCTIONS, LUBRICATION ORDERS, AND PREVENTIVE CHECKS WILL BE PERFORMED AS LISTED IN EXISTING PUBLICATIONS AND MESSAGES.

C. IN ADDITION, THE FOLLOWING SPECIAL INSPECTIONS WILL BE PERFORMED AT 120 HOUR INTERVALS

(1) BATTERY CHECK

(2) VOLTAGE REGULATOR CHECK

PAGE 04 RUCIFRASS18 UNCLAS

D. ALL PRESENT RETIREMENT LIFE AND SCHEDULED OVERHAUL ITEMS CAN BE PULLED EITHER ON PRESENT SCHEDULE OR 50 HOURS EARLY TO BE IN SEQUENCE WITH THE 120 HOUR PHASE.

E. THE FIRST PHASE MAINTENANCE INSPECTIONS UNDER THE 120 HOUR FLYING INTERVALS FOR THE UH-1H/V AIRCRAFT SHALL CONSIST OF MEETING ALL CRITICAL INSPECTION REQUIREMENTS OF THE COMPLETE SCHEDULED MAINTENANCE SYSTEM, INCLUDING DAILY AND ALL PHASES.

7. INSTRUCTIONS FOR TRANSITION TO EXTENDED PHASE MAINTENANCE FOR CH-47B/C AIRCRAFT ONLY.

A. UPON COMPLETION OF THE 120 HOUR PHASE MAINTENANCE INSPECTION ON THE CH-47B/C AIRCRAFT AS OUTLINED IN PARAGRAPH 5A; ALL FUTURE PHASE MAINTENANCE INSPECTIONS WILL BE PERFORMED AT 200 HOUR PHASE MAINTENANCE INTERVALS WITH AN 800 HOUR CYCLE.

B. PERSONNEL WILL INSURE NO TIME LIMITED COMPONENTS WILL EXCEED THEIR MAXIMUM OPERATING INTERVAL WITHOUT BEING PROPERLY SCHEDULED FOR REMOVAL.

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~~RCUZEYX RULNNAQ0135 3892036 UUUU RUMMDTA;~~

~~ZNR UUUUU~~

~~R 041500Z NOV 82 ZFX~~

~~FM ARNG-OAC EDGEWOOD AREA APO MD //NOB-AVN-L//~~

~~TO AIG 7421~~

~~RULGOML/TAG VI CROIX CHRISTIANSTED VI~~

~~R 031632Z NOV 82~~

~~FM CDRTSARCOM CORPUS CHRISTI TX//DRSTS-MR//~~

~~TO RULNNAQ/MORARNGOAC APO MD //NOB-AVN-LM//~~

~~INFO RUCIPRA/CDRTSARCOM STL MO //DRSTS-M/WC/WU//~~

~~BT~~

~~UNCLAS~~

~~SUBJECT: EXTENDED PHASE MAINTENANCE INTERVALS FOR UH-1H/V AND
OH-47 B/C AIRCRAFT~~

~~REFERENCE: A, MSG TSARCOM DRSTS-M R061530Z AUG 82~~

~~B, MSG MGR ARNG OAC APO MD R261300Z OCT 82~~

~~1. THE REVISED OH-47 B/C PMD DAILY, PM PHASE MAINTENANCE AND TM
55-1520-227-23 MANUALS HAVE BEEN PRINTED AND DISTRIBUTED TO THE FIELD~~

~~2. THE REVISED UH-1H/V PMD DAILY, PM PHASE MAINTENANCE AND TM
55-1520-210-23 MANUALS ARE IN THE PROCESS OF BEING PRINTED WITH
DISTRIBUTION EXPECTED 15 JAN 1983~~

~~3. INTERVALS FOR OIL CHANGES UH-1 AIRCRAFT, MR. DICK MOOY AERO
ENGINEER TSARCOM DRSTS-MBA, AUTHORIZED THE NATIONAL GUARD BUREAU TO
CHANGE OIL AT THE FOLLOWING INTERVALS:~~

~~TRANSMISSION 450 HOURS OR ONE YEAR~~

~~ENGINE 600 HOURS OR ONE YEAR~~

~~42/90 DEG GEAR BOXES ONE YEAR~~

~~4. HYDRAULIC FILTERS AND OTHER MAINTENANCE ACTIONS ARE FOUND IN THE
PRESENT PHASE MAINTENANCE PUBLICATION.~~

~~5. PONECON 18 AUG 82 BETWEEN MR. LINDSAY NGB-AVN-L AND MR. DUFFY,
ROM BRANCH CORPUS CHRISTI, TEXAS. MR. LINDSAY STATED ARNG IS HAVING
THE ROTATING CONTROL BOLTS CHANGED AT 600 HOURS FINITE LIFE.
NOTE: FUTURE CHANGE TO TM 55-1520-210-23 SEC V OVERHAUL AND RETIRE-
MENT SCHEDULE WILL REFLECT ROTATING CONTROL SYSTEM BOLTS REPLACED AT
600 HOUR INTERVALS.~~

~~6. THE FIELD WILL CONTINUE TO USE THEIR PRESENT UH-1H/V PHASE
MAINTENANCE PUBLICATIONS FOR BOTH THE SECOND AND THIRD PHASE INSPEC-
TIONS AT 150 HOUR INTERVALS.~~

~~7. POC THIS COMMAND FOR PHASE MAINTENANCE IS MR. R. A. CARDINALE
AUTOVON 861-2023/2120, COMMERCIAL 512-939 2023/2120.~~

~~BT~~

~~#0135~~