PAGE 01 RUCIFRD5859 UNCLAS

AIG 9004 TAKE FOR INFO ONLY
AIG 8704 TAKE FOR INFO ONLY

PAGE 02 RUCIFRD5859 UNCLAS
AIG 7515 TAKE FOR INFO ONLY
AIG 9042 TAKE FOR INFO ONLY


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75 THROUGH CJ55 DATED 10 JUN 86.
(2) TM 55-1920-220-23-1, AVUM/AVIM MAINTENANCE MANUAL 17 SEP THROUGH CJ1 DATED 04 MAR 86.
(3) TM 55-1920-221-23-1, AVIATION UNIT AND AVIATION INTERMEDIATE MAINTENANCE MANUAL ARMY MODEL AH-1G AND AH-1Q HELICOPTERS 20 JUL 79 THROUGH CJ24 DATED 24 JAN 86.
(4) TM 55-1920-234-23-1, AVUM AND AVIM MAINTENANCE MANUAL HELICOPTER, ATTACK AH-1S (M0D), 30 SEP 76 THROUGH CJ40 DATED 18
(5) TM 55-1520-234-23-1 AVIATION UNIT AND INTERMEDIATE MAINTENANCE MANUAL ARMY MODEL AH-1S (PROM), AH-1S (ECM), AH-1S (MODERNIZED COBRA) HELICOPTERS & MAY 80 THROUGH CM DATED 28 APR 86.

SUMMARY OF PROBLEM — AN AIR FORCE UH-1 HELICOPTER RECENTLY THREW OFF A BALLAST WEIGHT DURING RUN UP. THIS MESSAGE DIRECTS A ONE TIME INSPECTION OF THE MAIN ROTOR BLADES FOR LOOSE OR BROKEN MOUNTING BOLTS, NUTS, STUDS AND NUTS.

2. PRIORITY CLASSIFICATION —
NOTE — SEE AR 55-15, PARA 9, FOR NONCOMPLIANCE AUTHORITY OF MAJOR COMMANDERS.

A. AIRCRAFT IN USE —

PAGE 06 RUCIFRDSASD UNCLASS

B. AIRCRAFT IN DEPOT STOCK — AIRCRAFT WILL NOT BE ISSUED UNTIL COMPLIANCE WITH THIS SOP HAS BEEN COMPLETED.

C. AIRCRAFT UNDERGOING MAINTENANCE — AIRCRAFT WILL NOT BE RELEASED FOR FLIGHT UNTIL COMPLIANCE WITH THIS MESSAGE.

D. AIRCRAFT IN TRANSIT —
   1. SURFACE/AIR SHIPMENT — INSPECT AT FINAL DESTINATION.
   2. FERRY STATUS — SAME AS PARA 2A.

E. MAINTENANCE TRAINERS (CATEGORY A AND B) — SAME AS PARA 2A.

F. COMPONENT/PARTS IN STOCK AT ALL LEVELS (DEPOT AND OTHER) —
   UPON RECEIPT OF THIS MESSAGE ALL ITEMS LISTED IN PARA 4 BELOW SHALL BE PLACED IN CONDITION CODE //J//. ALL ITEMS OF PARA 4 SHALL BE

PAGE 07 RUCIFRDSASD UNCLASS
INSPECTED IN ACCORDANCE WITH THIS MESSAGE. ITEMS REQUIRING INSPECTION WILL BE RETAIRED WITH A HIERARCHY CONDITION THE MANNED SUSPENDED COMPONENTS (HOW) DO-FORM 1575-42, TABLE ON FORM 1575-42, REMARKS BLOCK.

NOTE — REFERENCE INSPECTION REQUIRED PER THIS MESSAGE 16-55-1520-234-220-101. ISSUES WILL BE RETAIRED (COLOR YELLOW) DO-FORM 1575-42 UPON INSPECTION COMPLETION FEEDBACK SERVICING.

NOTE — DEPOTS THAT DO NOT HAVE THE CAPABILITY TO INSPECT BLADES I/A/W THIS MESSAGE, REFER TO PARAGRAPH 9B.

3. END ITEMS TO BE INSPECTED — ALL UH-1D/H/V, EH-1H/X AND UH-1M AIRCRAFT AND AH-1G/SH-1S SERIES AIRCRAFT.

4. ASSEMBLY COMPONENTS TO BE INSPECTED —
   - W/N/ SPN
   - W/N/ 204-011-250-5 1415-00-072-5799
   - W/N/ 204-011-250-113 1415-00-092-1254

#5&50
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### 5. PARTS TO BE INSPECTED -

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### 4. APPLICATION -

A. CATEGORY OF MAINTENANCE - AV1H/AV1H. AIRCRAFT DOWNTIME WILL BE CHARGED TO AV1H/AV1H MAINTENANCE AS APPLICABLE.

B. TIME REQUIRED -

1. TOTAL OF ONE HALF MANHOUR USING ONE MAN.
2. TOTAL OF ONE MANHOUR DOWNTIME FOR ONE END ITEM.
3. TB/MMO'S TO BE APPLIED PRIOR TO OR CONCURRENTLY WITH THIS INSPECTION - NOT APPLICABLE.
4. PUBLICATIONS WHICH REQUIRE CHANGE AS A RESULT OF THIS INSPECTION -

### PAGE 05 RUCIFRD5652 UNCLAS

1. REFERENCES C(2), C(3), C(4) AND C(5) WILL BE REVISED TO ADD INSPECTION AND CORRECTION PROCEDURES OF PARAGRAPHS 9A AND 9B.

2. PHASED MAINTENANCE MANUALS WILL BE REVISED TO REQUIRE THIS INSPECTION AT EVERY FOURTH PHASE.

7. SUPPLY/PARTS AND DISPOSITION -

A. PARTS REQUIRED - REQUISITION MAIN ROTOR BLADE PER PARA 4 AS REQUIRED.
UH-1-86-11

WEIGHT

1/2 BALE BALLAST
(2) TM 55-1520-220-23-1, AVUM/AVIM MAINTENANCE MANUAL 17 SEP 80 THROUGH C16 DATED 04 MAR 86.
(3) TM 55-1520-221-23-1, AVIATION UNIT AND AVIATION INTERMEDIATE MAINTENANCE MANUAL ARMY MODEL AH-1G AND AH-1Q HELICOPTERS 20 JUL 79 THROUGH C28 DATED 24 JAN 86.
(4) TM 55-1520-234-23-1, AVUM AND AVIM MAINTENANCE MANUAL HELICOPTER, ATTACK AH-1S (MOD), 30 SEP 76 THROUGH C40 DATED 18 APR 86.
(5) TM 55-1520-236-23-1 AVIATION UNIT AND INTERMEDIATE MAINTENANCE MANUAL ARMY MODEL AH-1F (PROD), AH-1S (ECAB), AH-1S (MODERNIZED COBRA) HELICOPTERS 8 MAY 80 THROUGH C34 DATED 28 APR 86.
1. SUMMARY OF PROBLEM - AN AIR FORCE UH-1 HELICOPTER RECENTLY THREW OFF A BALLAST WEIGHT DURING RUN UP. THIS MESSAGE DIRECTS A ONE TIME INSPECTION OF THE MAIN ROTOR BLADES FOR LOOSE OR BROKEN MOUNTING BALLAST WEIGHTS, STUDS AND NUTS.
2. PRIORITY CLASSIFICATION - NOTE - SEE AR 95-18, PARA 9, FOR NONCOMPLIANCE AUTHORITY OF MAJOR COMMANDERS.
A. AIRCRAFT IN USE - PAGE 06 RUCIFRDS850 UNCLAS
B. AIRCRAFT IN DEPOT STOCK - AIRCRAFT WILL NOT BE ISSUED UNTIL COMPLIANCE WITH THIS SOP HAS BEEN COMPLETED.
C. AIRCRAFT UNDERGOING MAINTENANCE - AIRCRAFT WILL NOT BE RELEASED FOR FLIGHT UNTIL COMPLIANCE WITH THIS MESSAGE.
D. AIRCRAFT IN TRANSIT -
   (1) SURFACE/AIR SHIPMENT - INSPECT AT FINAL DESTINATION.
   (2) FERRY STATUS - SAME AS PARA 2A.
E. MAINTENANCE TRAINERS (CATEGORY A AND B) - SAME AS PARA 2A.
F. COMPONENTS/PARTS IN STOCK AT ALL LEVELS (DEPOT AND OTHER) - UPON RECEIPT OF THIS MESSAGE ALL ITEMS LISTED IN PARA 4 BELOW SHALL BE PLACED IN CONDITION CODE //J//. ALL ITEMS OF PARA 4 SHALL BE PAGE 07 RUCIFRDS850 UNCLAS INSPECTED IN ACCORDANCE WITH THIS MESSAGE. ITEMS REQUIRING INSPECTION WILL BE RETAGGED WITH A MATERIAL CONDITION TAG/LABEL - SUSPENDED (COLOR BROWN) DD FORM 1575 OR LABEL DD FORM 1575-1. REMARKS BLOCK MUST REFERENCE INSPECTION REQUIRED PER THIS MESSAGE (TB 55-1520-243-20-10). ITEMS WILL BE RETAGGED (COLOR YELLOW) DD FORM 1574 UPON INSPECTION COMPLETION IF FOUND SERVICEABLE.

NOTE
JEPOTS THAT DO NOT HAVE THE CAPABILITY TO INSPECT BLADES I/A/W THIS MESSAGE, REFER TO PARAGRAP 9B.
3. END ITEMS TO BE INSPECTED - ALL UH-1D/H/V, EH-1H/X AND UH-1M AIRCRAFT AND AH-1G/AH-1S SERIES AIRCRAFT.
4. ASSEMBLY COMPONENTS TO BE INSPECTED - NOMENCLATURE
   BLADE, ROTARY WING 204-011-250-5 1615-00-072-5799
BLADE, ROTARY WING
540-015-001-1
1615-00-389-1950
540-011-250-1
1615-00-178-9680

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BLADE, ROTARY WING
540-011-001-5
1615-00-847-7461
540-011-001-1
1615-00-931-7094
204-011-001-15
1615-00-756-9140

PLUS ALL P/N 540 OR P/N 204 SERIES BLADES PREVIOUSLY FIELDED.

5. PARTS TO BE INSPECTED - Nomenclature
P/N
NUT, SELF LOCKING, EX
MS21042L4
55310-00-807-1475
NUT, SELF LOCKING, EX
MS21042-5
5310-00-807-1469
STUD, CONTINUOUS, THR
540-011-023-3
5307-00-495-6556
NUT, SELF LOCKING, EX
MS21042L5
5310-00-807-1476

6. APPLICATION -
A. CATEGORY OF MAINTENANCE - AVUM/AVIM. AIRCRAFT DOWNTIME WILL BE CHARGED TO AVUM OR AVIM MAINTENANCE AS APPLICABLE.
B. TIME REQUIRED -
(1) TOTAL OF ONE HALF MANHOUR USING ONE MAN.
(2) TOTAL OF ONE HALF HOUR DOWNTIME FOR ONE END ITEM.
C. TB/MWO’S TO BE APPLIED PRIOR TO OR CONCURRENTLY WITH THIS INSPECTION - NOT APPLICABLE.
D. PUBLICATIONS WHICH REQUIRE CHANGE AS A RESULT OF THIS INSPECTION -

PAGE 05 RUCIFRD5852 UNCLAS
(1) REFERENCES C(2), C(3), C(4) AND C(5) WILL BE REVISED TO ADD INSPECTION AND CORRECTION PROCEDURES OF PARAGRAPHS 9A AND
10. (2) PHASED MAINTENANCE MANUALS WILL BE REVISED TO REQUIRE THIS INSPECTION AT EVERY FOURTH PHASE.
7. SUPPLY/PARTS AND DISPOSITION -
A. PARTS REQUIRED - REQUISITION MAIN ROTOR BLADE PER PARA 4 AS REQUIRED.
B. REQUISITIONING INSTRUCTIONS - NORMAL REQUISITIONING.
C. BULK AND CONSUMABLE MATERIALS - NOT APPLICABLE.
D. DISPOSITION - DISPOSE OF ANY PARTS WHICH DO NOT MEET INSPECTION CRITERIA IN ACCORDANCE WITH CURRENT SUPPLY DIRECTIVES.
E. DISPOSITION OF HAZARDOUS MATERIAL - NOT APPLICABLE.
8. SPECIAL TOOLS, JIGS AND FIXTURES REQUIRED - NOT APPLICABLE.
9. INSPECTION PROCEDURES -
A. REMOVE TIP CAP. CHECK STUD RETENTION NUTS FOR LOOSENESS AS FOLLOWS: SET TORQUE WRENCH TO THIRTY (30) INCH POUNDS. APPLY TORQUE IN TIGHTENING DIRECTION TO VERIFY A MINIMUM OF 30 INCH POUNDS.
B. LOOSE STUDS ARE FOUND FOLLOW PROCEDURES IN PARA 10. INSPECT STUDS FOR LOOSENESS OR DISTORTION. IF STUDS Are LOOSE OR DISTORTED, REPLACE BLADE.
C. STOCKING DEPOTS - TAG ALL PREVIOUSLY SERVICEABLE BLADES WITH PART NUMBERS STARTING WITH EITHER 204 OR 540 WITH A DD FORM 1575 (BROWN TAG) OR LABEL DD FORM 1575-1. IN REASON OR AUTHORITY BLOCK, ANNOTATE INSPECTION REQUIRED PER TB 55-1500-243-20-10.
10. CORRECTION PROCEDURES -
A. FOR P/N 204-011-250-5/-113, P/N 204-011-001-15, OR OTHER 204 SERIES BLADES, RETORQUE LOOSE STUD RETENTION NUTS TO THE FOLLOWING VALUES ONE FOURTH INCH STUDS, 40 TO 50 INCH POUNDS; FIVE SIXTEENTH INCH STUDS, 80 TO 100 INCH POUNDS.
B. FOR P/N 540-015-001-1, P/N 540-011-001-5, P/N 540-011-001-1
P/N 540-011-250-1 OR OTHER 540 SERIES BLADES WITH FIVE SIXTEENTH INCH STUD, RETORQUE LOOSE STUD RETENTION NUTS TO 130 TO 145 INCH POUNDS.
C. NOTE THAT A STUD RETENTION NUT ON A 204 SERIES BLADE REQUIRES A DIFFERENT TORQUE THAN THE RETENTION NUT ON A 540 SERIES BLADE BECAUSE OF THE DIFFERENCE IN WEIGHT STACK UP AND OTHER HARDWARE.
D. FOR ADDITIONAL NUTS/STUDS IN BLADE (ROTARY WING AIRCRAFT PREVIOUSLY FIELD), USE TORQUE VALUES FOR DIAMETERS LISTED IN THIS MESSAGE (PARA 10A OR B).
PAGE 07 RUCIFRDS5852 UNCLASS
E. LOOSE OR DISTORTED STUDS - REPLACE BLADE.
11. WEIGHT AND BALANCE - NOT APPLICABLE.
12. RECORDING AND REPORTING REQUIREMENTS -
A. REPORTING SUSPENSE DATE (AIRCRAFT) - UPON ENTERING REQUIREMENTS OF THIS MESSAGE ON DA FORM 2400-13, FORWARD A PRIORITY MESSAGE TO COMMANDER, AVSCOM, ATTN AMSAV-MEM (SOF COMPLIANCE OFFICER), OER AR 95-18. THE REPORT WILL CITE THIS MESSAGE NUMBER, DATE OF ENTRY IN DA FORM 2400-13, THE AIRCRAFT MISSION DESIGN SERIES AND SERIAL NUMBERS OF AIRCRAFT IN numerical order.
B. REPORTING SUSPENSE DATE (SPARES) - NO LATER THAN 220 DAYS AFTER RECEIPT OF MESSAGE DEPOTS AND OTHERS HOLDING SPARE ITEMS WILL TRANSMIT A MESSAGE TO CONFIRM COMPLIANCE TO CDR, AVSCOM //AMCPS-1UH//. THE REPORT WILL CITE TOTAL NUMBER OF BLADES ON HAND, TOTAL NUMBER INSPECTED, TOTAL NUMBER SERVICEABLE, TOTAL NUMBER