SECTION 81 OF 02
SUBJECT: MAINTENANCE MANDATORY MESSAGE CONCERNING CLASSIFICATION.
AND CHANGES TO INSPECTION CRITERIA OF LEVER ASSY, PYLON
NSN 1615-01-530-9796, PN 204-011-438-4. (U/H=1-61-45)
A. SAFETY OF FLIGHT EMERGENCY MESSAGE 1021121 DEC 81
(U/H=1-61-45) TB 55-1-1262-218-22-12-13) SUBJECT: ONE TIME INSPECTION
OF LEVER ASSY, PYLON NSN 1615-01-530-9796, PN 204-011-438-4.
SUBSPECE, IMMEDIATE.
NOTE: THIS IS A SAFETY OF FLIGHT, MAINTENANCE MANDATORY MESSAGE,
RELEASED IN ACCORDANCE WITH AR 95-18 DATED 1 MAY 1980 AND IN
ACCORDANCE WITH FORTHCOMING CHANGE TO AR 95-18 APPROVED BY
DEPARTMENT OF THE ARMY THAT ESTABLISHES: THE MAINTENANCE MANDATORY
MESSAGE THAT IS DIRECTIVE IN NATURE AND MAY OR MAY NOT REQUIRE
REPORTING AND HAS NOT, REPEATED HAS NOT, BEEN TRANSMITTED TO UNITS.
SUBORDINATE TO ADDRESSEES. ADDRESSEES MUST IMMEDIATELY
RETRANSIT THIS MESSAGE TO ALL SUBORDINATE UNITS, ACTIVITIES, OR
ELEMENTS AFFECTED OR CONCERNED: THE RETRANSMITTED SMALL REFERENCE:

AGE 23 RUCIFRA6919 UNCLAS

THIS MESSAGE ACTION ADDRESSEES WILL IMMEDIATELY VERIFY THIS.

TRANSMISSION TO COMMANDER, TSARCOM, ATTN DMSTS-MPSU;

REFERENCE A ABOVE IS CHANGED AS FOLLOWS

A) ADD UNHAS TO SUBJECT
B) CHANGE TB 55-1520-210-240-279-16 TO TB 55-1520-212-240-21
C) PARAGRAPH ONE (A) IS CHANGED TO READ
SINTERM DESCRIPTION OF PROBLEM CATEGORY 1 EMERGENCY AIR FROM IT

LOCATION, CRACK WAS PROBABLY CAUSED BY INCOMPLETE MAINTENANCE.

HINT PROTOCOL;

D) PARAGRAPH 2A DELETE
E) PARAGRAPH 3 ADD AFTER "UNIT SERIAL NUMBER EFFECTIVITY

1ST FULL OPERATIONAL UH-1B MODELS IN THE FOLLOWING SERIAL NUMBER LIST

SERIAL NUMBERS
9-4461
8-2718
7-3546 THROUGH 60-3619
1-663 THROUGH 61-903
2-1372 THROUGH 62-6105

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2-6506 THROUGH 62-4603
2-12915 THROUGH 62-12925
3-6506 THROUGH 63-6863
3-8665 THROUGH 63-6863
3-12065 THROUGH 63-12925
3-13065 THROUGH 63-13269
3-13566 THROUGH 63-13573
4-13766 THROUGH 64-13700

F) PARAGRAPH 6E CHANGE NOT APPLICABLE TO ITM

9-1520-240-21
G) PARAGRAPH 98 DELETE AND YD

H) PARAGRAPH 9U REVISED AS FOLLOWS IF LEVER ARMS ARE
CRACKED, REMOVE NUTS, MS 25685-16 ITEMS 341 AND WATCH FOR
PREVIOUS OF LEVENS.
IMMEDIATE

OCTUZYN RULNAO3399 3472324-000U--MUMOTA

D-1592322 DEC 61 ZEK
FM MOR ARNO OAC APG MD /01540-600-41.
TO AIO 7421

C-1519982 DEC 61
FM CORTESSARCO STL MD /01540-600-41.
TO AIO 9394

AIO 7421
RLQPF/US ENV PROT AGB PO BOX 15027 LAS VEGAS NV
RLQPF/US ENV PROT AGB REGION II 20 FEDERAL PLAZA NY NY
RUEOLMA/NATIONAL OCEANIC AND ATMOSPHERIC ADMIN ROCKETEER MD
/NOAA/NOISH COLL:A HEAVEN /
RJWHP/NASA KENNEDY SPACE CENTER CAPE CANAVERAL FL
/S1-SAT-297/
INFO AIO 9394
AIO 7421
RUCLEA/CORUSAVNG FT RUCKER AL /01540-6111/
RUCMAD/USDA TEL AVIV ISRAEL
RULPA/CJUSMAT MAG MAURITSPAIN /ARMY/NAVY SEC/.
RVEUSA/AIT WASH O0
RATAAC/HOSSENG MELBOURNE AUSTRALIA /SOAI ENG/.
RSF =P:DEEFAIR CANBERRA AUSTRALIA /UHELAF/.
RULPT/USDA FOREST SERVICE P.O BOX 2447 WASH DC 20013
/COOPERATIVE FIRE PROTECTION/.

PAGE 02 RUJIRA UNGAS
9-18-87855

JACKS

FINAL SECTION OF 02

THE COLLECTIVE LEVER ASSEMBLY WILL BE DISASSEMBLED AND
REASSEMBLED PER PARAGRAPH 2 OF THIS MESSAGE IF ANY OF THE
FOLLOWING CONDITIONS EXIST
(1) SPREADING OF LEVERS WHEN NUTS ARE LOOSE;
(2) GAP EXISTS BETWEEN SUPPORT BUSHING AND LEVER;
(3) IF TOTAL INSTALLED SHIMS STICKUP (SOUTH SIDES)
EXCEED 0.030 INCH.

IF ABOVE CONDITIONS DO NOT EXIST, RETURQUE NUTS (ITEM 34)
IN PARAGRAPH 9D DELETE
COMPLETE REVISION OF REFERENCE H, PARAGRAPH 9D 15 AS

INSTALLATION--COLLECTIVE LEVERS:
ASSEMBLE COLLECTIVE LEVER (12, FIGURE 5-40) ON SHIMSPLATE
WITH PINS INSERTED INTO BERNING ON SLEEVE INSTALL;
BOLT (11), WASHERS (6), AND NUT (5); INSTALL BOLTS
PLACE INSTALL WASHERS (4) AND NUTS (7). TORSION NUT (17) 50 TO 75 INCH POUNDS. TORSION NUT (13) TO 175 INCH POUNDS.
8. INSTALL BOLTS (12) WITHOUT NUTS. WASHERS AND SHIMS HOLD COLLECTIVE LEVERS TO ONE SIDE AND MEASURE GAP BETWEEN FACE UP.
9. INSTALL WASHERS SUPPORT AT BUSHING LOCATION. AND FACE OF COLLECTIVE LEVERS IN INNER BEARING RACE LOCATION. BE CAREFUL NOT TO LET FEEDER GAUGE RIDE INTO BEARING LINER OF COLLECTIVE LEVER. ITEM 17.
10. ZERO CLEARANCE IS MEASURED. SHIMS (14) ARE NOT REQUIRED. IF GAP CLEARANCE IS NOTED, DIVIDE THIS DIMENSION BY TWO AND PREPARE TWO SHIMS (14) EQUAL HEIGHT, 0.005 INCH TO GIVE 0.002 TO 0.005 INCH PITCH FIT BETWEEN BEARINGS AND WASHERS AND SUPPORT BUSHINGS.
11. INSTALL SHIMS (14) IF NEEDED, AND REINSTALL BOLTS (12) WITH WASHERS (4) AND NUTS (7). TORSION NUT (17) TO 28 TO 40 INCH POUNDS.
12. CHECK GAUGE (11) TO 14 FOR FREEERY. SHIM (14) IS 0.005 INCH.
13. HOLE COLLECTIVE SLEEVE TO ONE SIDE, WITH FEEDER GAUGE.
14. MEASURE GAP BETWEEN SHOULDER ON PIN AND BEARING INNER RACE, WHILE HOLDING COLLECTIVE SLEEVE IN SAME POSITION. MEASURE GAP AT OPPOSITE SIDE. IF ANY ADD THE TWO FEEDER GAUGE CLEARANCES AND DIVIDE BY TWO TO OBTAIN THICKNESS OF SHIMS (14) REQUIRED.

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15. PREPARE TWO SHIMS TO THIS DIMENSION. EQUAL TO EACH OTHER. WITHIN 0.005 INCH TO PROVIDE 0.005 TO 0.008 INCH PITCH FIT ON SLEEVE BEARING.
16. REMOVE LEVERS COAT ENDS OF SPACER (13) WITH PRIMER.
17. INSTALL SHIMS (12).
18. REASSEMBLE LEVERS (12) IN ACCORDANCE WITH STEPS ABOVE.
19. SPACER (13) BETWEEN LEVERS WHILE PRIMER IS WET. CHECK OR ZERO END PLAY OF PIN IN BEARING AND FOR FREEDOM OF BEARING ROTATION.
20. REINSTALL BOLTS (12). WASHERS (4) (INBOARD), SHIMS (16) AND NUT (7). TORSION NUT (17) 28 TO 40 INCH POUNDS.
21. CONNECT COLLECTIVE PITCH CONTROL TUBE (PARAGRAPH 799.11)
22. TP 55-1228-2452-2462-2 WILL REFLECT ABOVE CHANGES.
23. ADDITIONAL INFORMATION P/N OF SHIM, ITEM 26A P/0 129, PAGE 126 OF TM 55-1228-2452-2462 IS WRONG. ORDER P/N 129-00-2452-2462.
24. UNDER THE SAME NSN 55-00-2452-2462 ANY LOCALLY MANUFACTURED STEEL SHIM MAY BE SUBSTITUTED.

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26. FOREIGN MILITARY SALES/RECIPIENT REQUIRING CLARIFICATION