

UH-1-78-3
infrared
suppressor

RAAUZEXW RULNNA02436 0371014-0000--RUWMDTA,
ZNR UUUUU
P 061510Z FEB 78 ZEX
FM MGR ARNG-DAC EDGEWOOD MD //NGB-AVN-L//
TO AIG 7401
INFO RUGAUSA/ONGB WASH DC//NGB-ARL-A//
P R 032115Z FEB 78
FM CDRTSARCOM STL MO //DRSTS-MEU//

Army

REF ID: A66313

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
SUBORDINATE UNITS, ACTIVITIES OR ELEMENTS AFFECTED OR CONCERNED,
SUBJ - MAINTENANCE ADVISORY MESSAGE - COMBINED INSTALLATION
OF INTERIM INFRARED SUPPRESSOR AND COMMAND CONSOLE, AN/ASO-15,
ON UH-1 HELICOPTERS (UH-1-78-3)
A. DEPARTMENT OF THE ARMY MODIFICATION WORK ORDER MWO 53-1520-
210-30-44, INSTALLATION OF INTERIM IR SUPPRESSOR PROVISIONS
(UH-1D AND UH-1H HELICOPTER).
B. DEPARTMENT OF THE ARMY MODIFICATION WORK ORDER MWO 53-1520-
210-30/35, MODIFICATION TO INSTALL PROVISIONS FOR AN/ASO-15

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COMMAND CONSOLE (SELECTED UH-1D/H HELICOPTERS)
C. TECHNICAL MANUAL TM 53-1520-210-20, ORGANIZATIONAL MAIN-
TENANCE MANUAL, ARMY MODEL UH-1D/H HELICOPTER
D. TECHNICAL MANUAL TM 53-1520-210-10, OPERATORS MANUAL,
ARMY MODEL UH-1D/H HELICOPTERS
1. THE PURPOSE OF THIS MESSAGE IS TO ADVISE THE OPERATIONAL
USER OF THE COMBINED USE OF THE COMMAND CONSOLE AND THE INTERIM
IR SUPPRESSOR ON THE UH-1H HELICOPTER.
2. REFERENCES RELATE TO THE SUBJECT AS FOLLOWS CLN
A. REFERENCE A, CONTAINS INSTALLATION INSTRUCTIONS FOR THE
PROVISIONS FOR THE INTERIM IR SUPPRESSOR. NOTE THAT THESE ARE
PROVISIONS ONLY.
B. REFERENCE B, CONTAINS INSTALLATION INSTRUCTIONS FOR THE
PROVISIONS FOR THE AN/ASO-15 COMMAND CONSOLE. AGAIN NOTE THAT
THESE ARE PROVISIONS ONLY.
C. REFERENCE C, PARAGRAPH 5-15B, CONTAINS INSTALLATION
INSTRUCTION FOR THE INTERIM IR SUPPRESSOR, THIS KIND OF HARD-
WARE IS COMMONLY KNOWN AS THE "B" KIT.
D. NO SPECIFIC PUBLICATION HAS BEEN ISSUED FOR INSTALL-
ING THE COMMAND CONSOLE COMPONENTS ("B" KIT). THE SIMPLICITY

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OF THE SITUATION DOES NOT MERIT HAVING INSTALLATION INSTRUCTIONS.
3. BACKGROUND CLN

A. SHORTLY AFTER FIELDING THE INTERIM IR SUPPRESSOR, IT WAS DISCOVERED THAT THE OIL COOLER SHIELD INTERFERED WITH THE FM ANTENNA BENEATH THE AIRCRAFT. THESE ARE COMPONENTS OF THE INTERIM IR SUPPRESSOR AND THE COMMAND CONSOLE RESPECTIVELY.

B. THE FIRST CORRECTIVE ACTION WAS TO EXEMPT AIRCRAFT EQUIPPED WITH A COMMAND CONSOLE FROM APPLYING THE SUPPRESSOR MWO. THIS ACTION TOOK THE FORM OF CHANGE NO 3 TO REFERENCE A.

C. THIS ACTION AFFECTS ONLY PARAGRAPH 3B, ABOVE, ON AIRCRAFT EQUIPPED WITH A COMMAND CONSOLE. INSTALLATION OF THE SUPPRESSOR LESS THE OIL COOLER SHIELD IS AUTHORIZED. THIS ACTION TAKES THE FORM OF CHANGE NO. 3 TO REFERENCE 2. CHANGE NO. 3 WILL BE ISSUED IN THE NEAR FUTURE.

D. ADDITIONAL WORK IS BEING DONE AT TSAROOM TO REDESIGN THE ANTENNA LOCATION. THIS WILL PERMIT INSTALLATION OF THE OIL COOLER SHIELD.

4. AIRCRAFT WITHOUT THE OIL COOLER SHIELD ARE PROTECTED TO THE SAME DEGREE AS AIRCRAFT WITH SHIELDS PROVIDED THEY OPERATE BELOW 1500 FEET AGL. THIS STATEMENT WILL APPEAR IN A FUTURE CHANGE.

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1. REFERENCE D.

3. REFERENCE A, PARAGRAPH 3C IS CHANGED TO READ AS FOLLOWS: CLN THIS MWO IS NOT COMPATIBLE WITH MWO 55-1520-210-30/20, (MODIFICATION OF PROVISIONS FOR XM-32 SMOKE GENERATOR), WITH THE EXCEPTION OF THE OIL COOLER SHIELD, P/N 205-260-886-1. THIS MWO IS COMPATIBLE WITH MWO 55-1520-210-30/35 (MODIFICATION TO INSTALL PROVISIONS FOR AN/ASO-15 COMMAND CONSOLE). IF MWO 55-1520-210-30/20 HAS BEEN PREVIOUSLY INSTALLED, DO NOT ATTEMPT INSTALLATION OF THIS MWO. IF MWO 55-1520-210-30/35 HAS BEEN PREVIOUSLY INSTALLED, INSTALL ALL THE COMPONENTS OF THIS MWO EXCEPT THE OIL COOLER SHIELD, P/N 205-260-886-1.

6. A FUTURE CHANGE TO REFERENCE C, WILL ADD THE FOLLOWING NOTE TO PARAGRAPH 5-15BD(9) CLN

DO NOT INSTALL OIL COOLER SHIELD ON AIRCRAFT EQUIPPED WITH THE AN/ASO-15 COMMAND CONSOLE.

7. INFORMATION/INSTRUCTIONS CONTAINED IN THIS MESSAGE SHOULD BE INSERTED IN REFERENCE A, B AND D PENDING RECEIPT OF THE FORMAL CHANGE.

8. IF ADDITIONAL INFORMATION OR CLARIFICATION OF THE MESSAGE IS REQUIRED, CONTACT MR. KOSTAL AT TSAROOM, AUTOVON 698-5914 OR COMMERCIAL (314) 268-5914.

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