


DATE <u>9/24/59</u>	TMC SPECIFICATION NO. S -453
SH. <u>1</u> OF <u>1</u>	
COMPILED BY <u>D. W. CARTER</u>	TITLE: MODIFICATION OF GPT-750 () 1 RADIO TRANSMITTER FOR STANDBY OPERATION OF A-1279 & A-959 DRAWERS
APPROVED 	P/O MODIFICATION KIT, TMC NO. 142

JOB REV A

1. By-pass of main breaker to supply A.C. power to the A-1279 (SBE) or A-959 (XFK) drawers with main breaker in the "OFF" position.

MATERIAL SUPPLIED:

- A. One (1) eight inch length SRIR 16 white with one (1) lug TE-155-34170.
- B. One (1) eight inch length SRIR 16 black with one (1) lug TE-155-34170.
- C. Two (2) ten inch lengths vinyl sleeving PX-100-1-11.

PROCEDURE:

- A. Disconnect all A.C. power from the Transmitter by removing the A.C. plug at the rear of the cabinet.
- B. Remove A-1279 or A-959 drawers from cabinet.
- C. Remove cover plate located on the middle, right, rear (interior) of the Transmitter cabinet.
- D. Disconnect the white lead from terminal 6 of E501 which runs to pin H of P501. NOTE: There are two white leads connected to terminal 6 of E501 only one of which is connected to pin H of P501. The correct lead to remove can be determined by continuity check. The white lead which is not connected to pin H of P501 must remain connected to terminal 6 of E501.
- E. Connect and solder the eight inch length of lugged white wire (supplied) to the white lead removed in "C" above. Cover this connection with the vinyl sleeving supplied.
- F. Attach the white lead added in "D" above to the junction of C509 and L502 located directly below terminal strip E501.
- G. Disconnect the black lead from terminal 8 of E501 which runs to pin B of P501. NOTE: There are two black leads connected to terminal 8 of E501 only one of which is connected to pin B of P501. The correct lead to remove can be determined by continuity check. The black lead which is not connected to pin B of P501 must remain connected to terminal 8 of E501.
- H. Connect and solder the eight inch length of black wire (supplied) to the black lead disconnected in "F" above. Cover this connection with the vinyl sleeving supplied.
- I. Attach the lugged black lead added in "H" above to the junction of C508 and L501 located directly below terminal strip E501.
- J. Replace the cover plate removed in "C" above.
- K. Replace and reconnect the A-1279 or A-959 drawers removed in "B" above.
- L. Reconnect A.C. power to the Transmitter.
- M. This completes the modification of the Transmitter to permit application of A.C. power to the A-1279 or A-959 drawers with the main A.C. breaker in the "OFF" position.

