

DATE 9/23/59

SH. 1 OF 1

COMPILED BY
D. W. CARTER

TMC SPECIFICATION NO. S-449

TITLE: RF AMMETER MODIFICATION KIT
AN/FRT-39 - GPT-10K RADIO TRANSMITTER

JOB

APPROVED 

I. ITEMS SUPPLIED

- A. One (1) each MR-126 RF Ammeter
- B. One (1) each TH-100-20 Thermocouple.
- C. Two (2) each RF Chokes (L916 and L917) (TMC Part No. A-1163) Preassembled with top and bottom mounting brackets (MS-1861 and MS-1862), ceramic insulators (NS5W0104), fiber washers (WA-109-34) and eight (8) each 6-32 screws (SCBS0632EN4)
- D. One (1) each 5/16" Twist Drill.

II. PROCEDURE

- A. Remove existing RF Ammeter, Thermocouple, and associated RF Chokes L916 and L917.
- B. Install the new Meter MR-126 supplied in the space vacated in Step A. above. Since the location of mounting studs for the new meter are slightly different it is necessary to enlarge the mounting holes (4) in the meter panel. The 5/16" Twist Drill is supplied for this purpose.
- C. Install the two RF Choke Assemblies supplied using the existing holes in the Antenna Tuner vacated by removal of the RF Chokes in Step A. above.
- D. Install the Thermocouple supplied using the existing holes in the Antenna Tuner vacated by removal of the Thermocouple in Step A. above.
- E. Reconnect the RF Ammeter, Thermocouple and RF Chokes using existing leads.
- F. The RF Chokes removed in Step A. above may be discarded.
- G. The RF Ammeter and Thermocouple removed in Step A. above should be returned to the Technical Materiel Corporation, 700 Fenimore Road, Mamaroneck, New York marked for the attention of Mr. D. W. Carter. It is suggested that the containers and packing in which the new material was received be utilized for packing and return of the Meter and Thermocouple.