

DATE 4/23/62

SHEET _____ OF _____

TMC SPECIFICATION NO. S-669

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COMPILED

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CHECKED

TITLE: GPT-40K 2-28MC MODIFICATION (10K DRIVER & 40K PA)

JB
APPROVED

KIT-119

GPT-40K 2-28MC MODIFICATION

(10K DRIVER & 40K PA)

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SHEET 1 OF 1

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(KIT-119)

I. EQUIPMENT AFFECTED

- A. GPT-40K Transmitter Set, Radio

II. PURPOSE

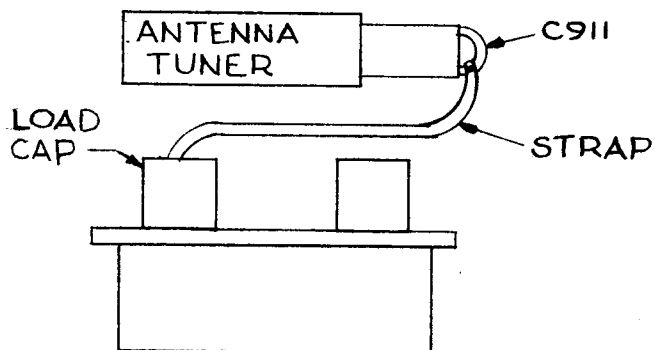
- A. Modification Kit to extend the frequency range of the GPT-40K Transmitter from 4-28 megacycles to 2-28 megacycles. It also includes the modification of the 10K drive section.

III. MATERIALS SUPPLIED

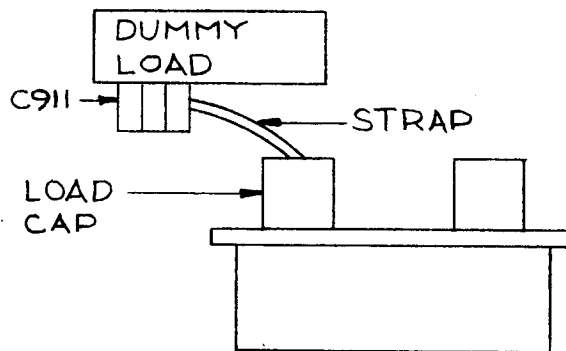
- A. One KIT-118 GPT-10K 2-28MC Modification
- B. One KIT-120 GPT-40K 2-28MC Modification
- C. One KIT-131 GPT-40K Bandswitch and tank/coil replacement
- D. One NP-362-14 Nameplate, modification

IV. PROCEDURE

- A. KIT-119 is made up of three individual Kits; KIT-118, KIT-120, and KIT-131. Each Kit is self-contained and has its own installation procedure, which should be followed (except for some minor alterations as described below) although KIT-120 and KIT-131 should be done simultaneously while the 40K section is disassembled.
- B. When using KIT-118 on the 10K driver section of the GPT-40K the DC blocking capacitor, C911, is mounted in a new position. The strap connecting this capacitor to the variable load capacitor as indicated in KIT-118 installation procedure section V-15 is also repositioned as shown in Fig. 1 below.



OLD POSITION
10K TRANSMITTER



NEW POSITION
10K DRIVER

FIGURE 1- REAR VIEW 10K PA COMPARTMENT

- C. KIT-131 has its own name plate which should not be used when KIT-131 is part of KIT-119, but rather use the KIT-119 nameplate.