

DATE 9/23/51
 SH. 1 OF 1
 COMPILED BY

TMC SPECIFICATION NO. S-222 A

TITLE: Modification of FFRD-7

JOB

APPROVED G.T.O

RCAF

A. PURPOSE:

To provide a modification procedure for Model FFRD-7 for greater HFO excursion.

Requests from the field have indicated the desirability of increasing the deviation of the receiver HFO when used under certain remote control conditions. The Tuning Drawer as supplied from the factory provides 1 Kc. per Mc. shift for an input voltage of 13 volts on the HFO reactance tube. This modification makes possible a 3 Kc. per Mc. shift for a 15 volt control of the HFO reactance tube.

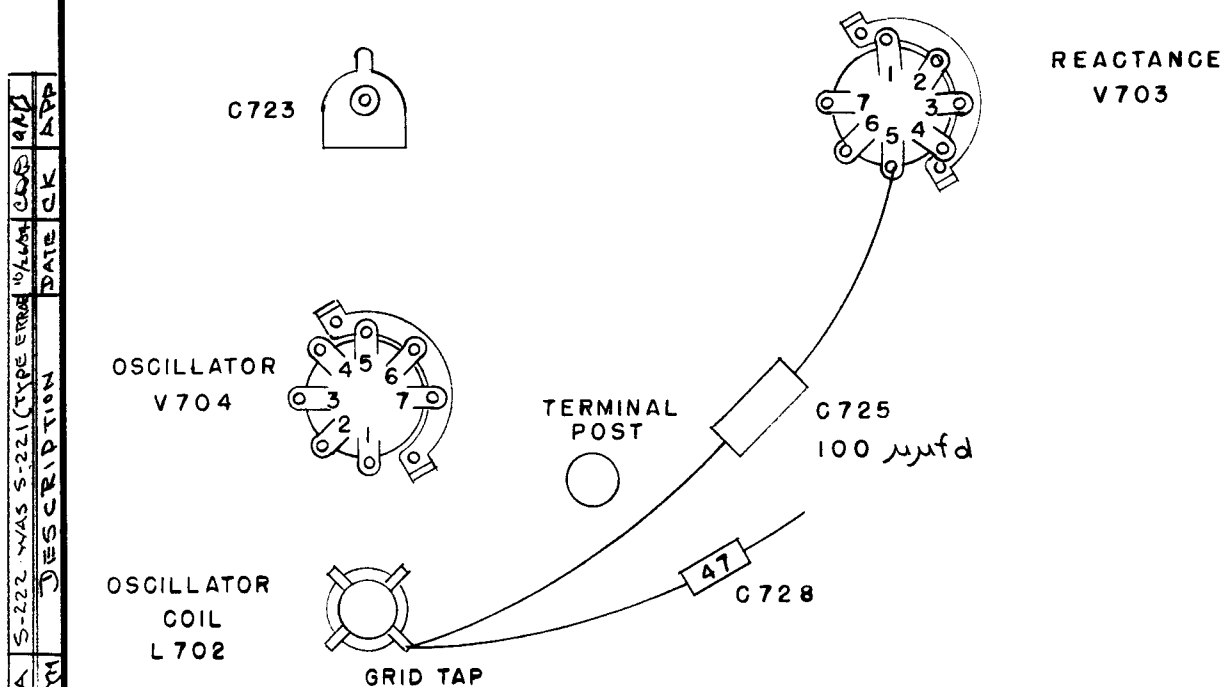
B. COMPONENTS REQUIRED:

There are no additional components required to make this modification.

C. WIRING PROCEDURE:

Remove capacitor C725, Part CC26SL101K, lead from the terminal post (see cut below) and re-connect it directly to the grid tap of the oscillator coil L-702. It may be necessary to increase the lead length to perform this operation.

D. PICTORIAL SCHEMATIC



A S-222 WAS S-221 TYPE ERROR
 DATE 10/1/51
 CHECKED BY
 APPROVED BY
 DESCRIPTION