

DATE 3-2-59  
SH. 1 OF 2  
COMPILED BY  
RWB

# TMC SPECIFICATION NO. S-418

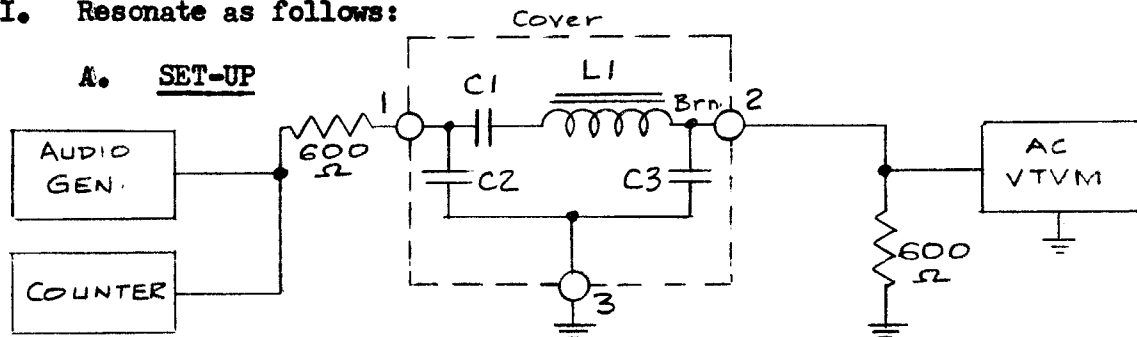
TITLE: RESONATING AND TEST PROCEDURE FOR FX-157

JOB

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*AMD*

- I. Refer to drawing A-1652. Follow procedure steps 1 and 2 of A-1652.
- II. Connect brn. lead of coil (item 4) to terminal 2 of Cover. Connect other end of coil (bare lead), to terminal strip. Leave coil unmounted.
- III. Resonate as follows:



B. PROCEDURE

1. Tune Audio Generator around bandpass frequency. (2805 cps)  
Observe VTVM.
2. When Indication is observed, tune generator to Peak Deflection of VTVM.
3. Set output level of Generator so that 1.0 VAC is seen on VTVM.
4. Retune Generator for Peak Deflection of VTVM and reset level as per Step 3. Counter reading will be below 2805 cps.
5. To bring counter reading up to 2805 cps ( $\pm 28$  cps), remove coil (L1) from Test Setup and remove turns as required.  
USE CAUTION - Do not remove more turns than necessary. Keep checking to see how close to 2805 cps the counter reading is. Each time turns are removed, Step 4 must be repeated.

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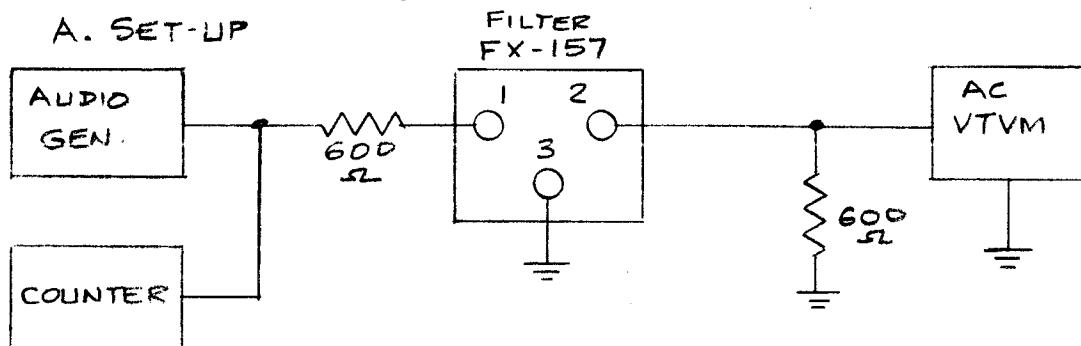
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- IV. After resonating, the "End" lead of the coil (bare wire) must be terminated with wire (LWC28(7)00) as per Specification S-337 and coil drawing, A-1648, items 5, 6, and 7.
- V. Refer to drawing A-1652, Step 3, and complete assembly for Filter.
- VI. Final Test of Filter.

A. SET-UP



B. PROCEDURE

1. Tune Audio Generator around bandpass frequency. (2805 cps)  
Observe VTVM.
2. When Indication is observed, tune generator to Peak Deflection of VTVM.
3. Set output level of Generator so that 1.0 VAC is seen on VTVM.
4. Counter reading should be between 2777 cps and 2833 cps.