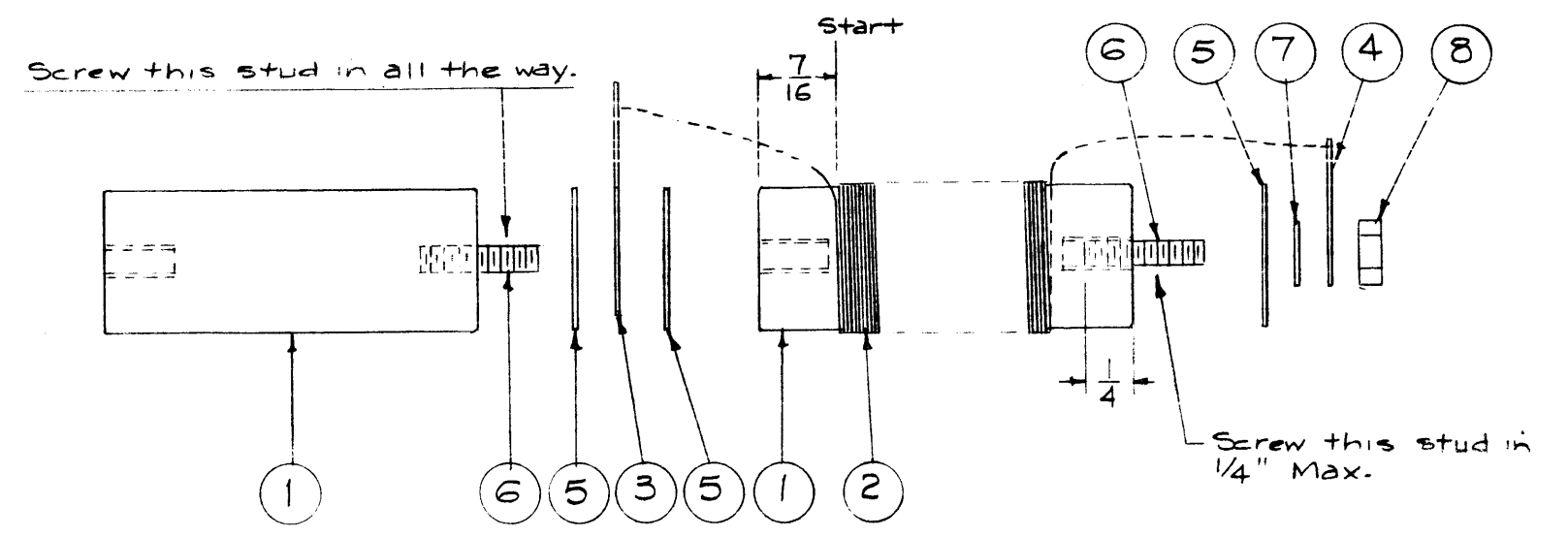


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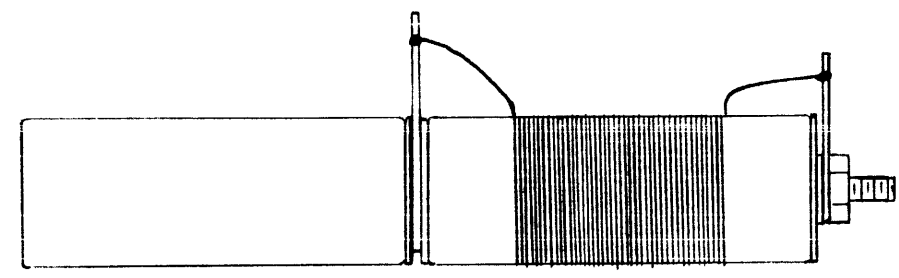
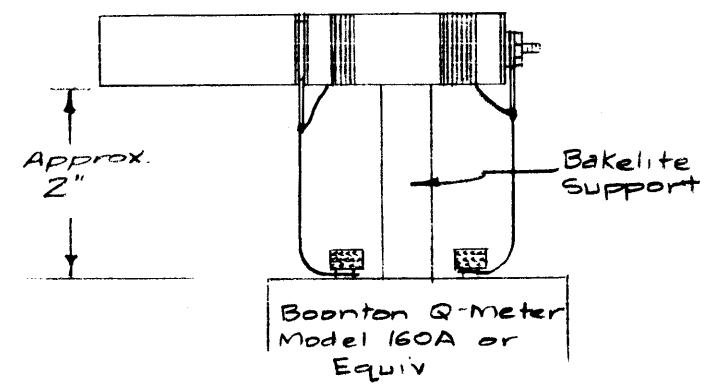
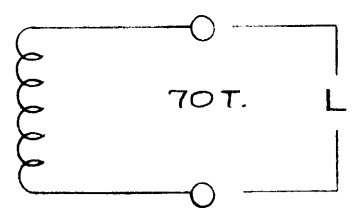
**PROCEDURE**

1. Assemble Insulators and all Hardware tightly together. Threaded Studs (item 6) must be inserted as shown.
2. Wind 70 turns of item 2 (wire) on insulator as shown.
3. Stake wire ends to insulator body with item 9 (Q-Max.), and solder ends to lugs.
4. Coat Winding with item 10 (Insulex).
5. Bake for 1 hour at 250°F.
6. Allow unit to cool.
7. Test unit as below.

Note: It is only necessary to test one coil per batch of 50. For the one tested coil, solder 4" leads to terminal lugs.



**TEST DATA**  
 TQL = 50 (45-55) uhy.  
 TRL = 120 or greater  
 = 2.5 Mc



FULL SCALE ASS'Y.

NOTICE TO PERSONS RECEIVING THIS DRAWING  
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 MAMAPONECK, NEW YORK

X	11	BS-100	Solder, Soft.
X	10	GL-104-2	Insulex, U-85
X	9	GL-102	Cement, Q-Max
1	8	NTH1032BC10	Nut, Hex.
1	7	FW10HBC	Washer, Flat
2	6	SC-127-3	Stud, Threaded (1 1/16 Long)
3	5	WA-109-56	Washer, Fibre
1	4	TE-104-4	Terminal, Locking
1	3	TE-162	Lug, Solder
X	2	WI-125-12	Wire, Magnet, Ceroc "T" (#27)
2	1	NS3W0316	Insulator, Pillar, Round

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK			
STOCK SIZE			
COIL, RF, PA PLATE (L212)			
MATERIAL			
		16 <sup>5/26/58</sup>	A.J.J.
TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN
			CHECKED
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
			CL-137

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE: FULL				
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.				
FRAC. DIM. ±			REMOVE ALL BURRS AND SHARP EDGES				
ANGULAR DIM. ±							

1	RFA-1	PAL-350	L212	5-26-58
REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
USED ON				