

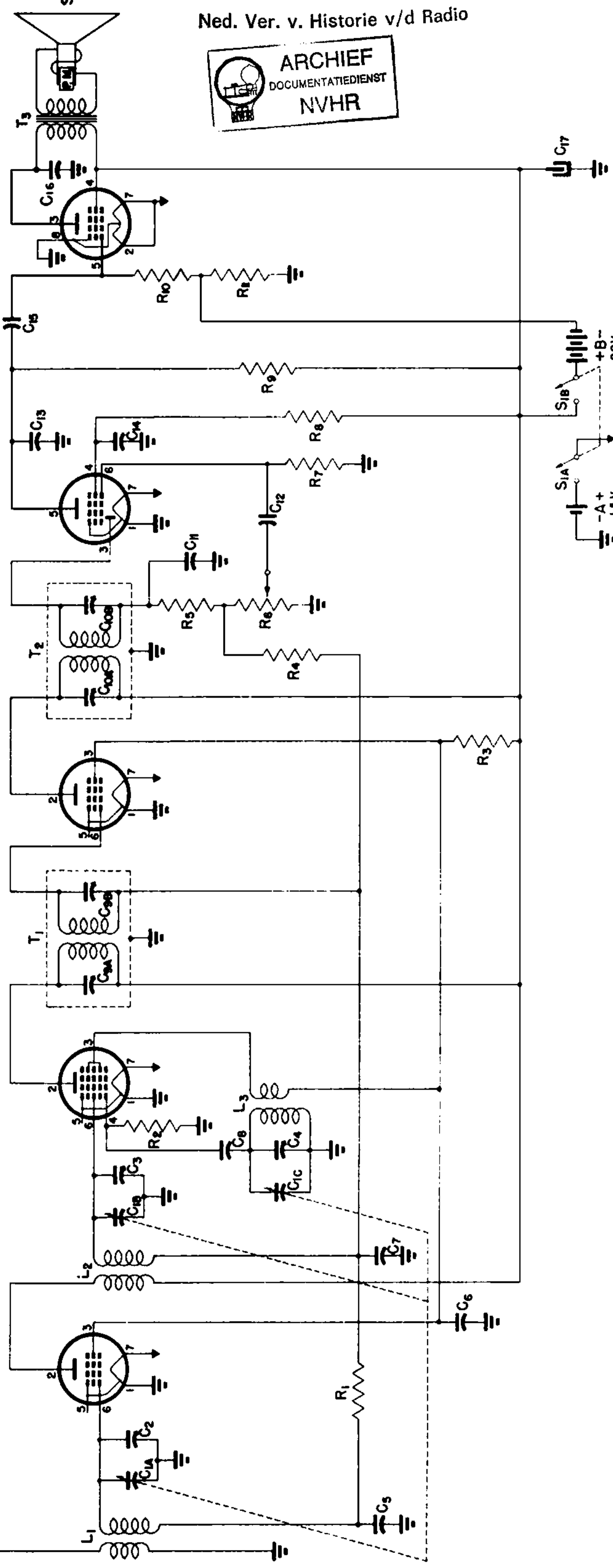
3Q5GT

IS5

IT4

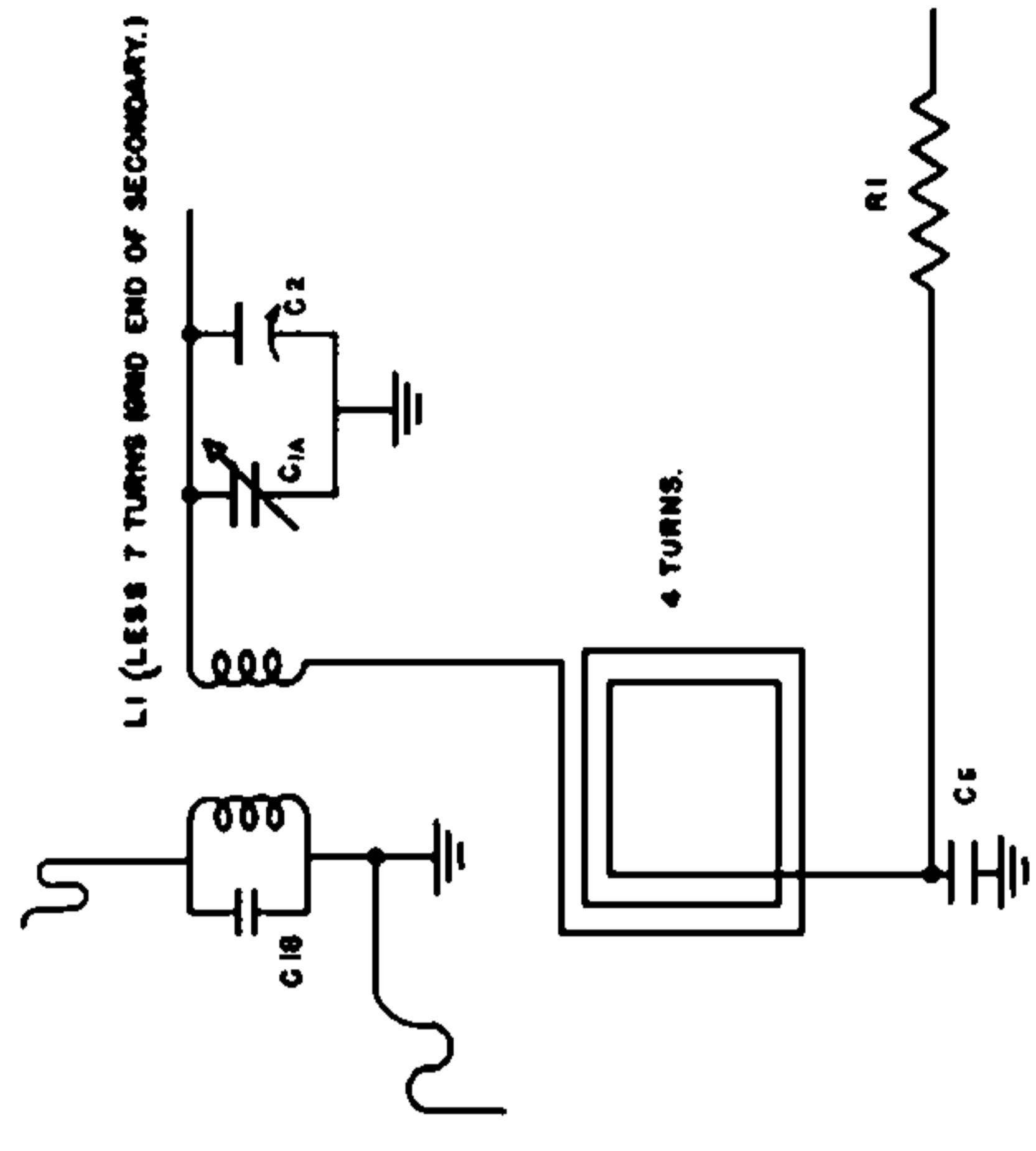
IR5

IT4



R1	.....	1 Megohm 1/4 W.	L1	.....	Antenna Coil
R2	.....	100,000 ohm 1/4 W.	L2	.....	R.F. (Mixer) Coil
R3	.....	10,000 ohm 1/4 W.	L3	.....	Broadcast Oscillator Coil
R4	.....	2.2 Megohms 1/4 W.	S	.....	5" P.M. Speaker, Voice Coil 3.4 ohm D.C.
R5	.....	100,000 ohm 1/4 W.	S1A } S1B }	.....	D.P.S.T. Switch (Part of Volume Control)
R6	.....	Volume Control 1 Megohm and D.P.S.T.	T1	10	I.F. Transformer, Input
R7	.....	On-Off Switch (S1A-S1B)	T2	11	I.F. Transformer, Output
R8	.....	4.7 Megohm 1/4 W.	T3	61	Output Transformer
R9	.....	3.3 Megohm 1/4 W.			
R10	.....	.47 Megohm 1/4 W.			
R11	.....	1 Megohm 1/4 W.			
	.....	330 ohm 10% 1/2 W.			

C1A	.....	(Condenser, Variable (R.F. Section)
C1B	.....	(Condenser, Variable (Mixer Section)
C1C	.....	(Condenser, Variable (Oscillator Section)
C2	.....	(Trimmer Condenser (R.F. 1500 Kc.) on C1A
C3	.....	(Trimmer Condenser (Mixer 1500 Kc.) on C1B
C4	.....	(Trimmer Condenser (Oscillator 1500 Kc.) on C1C
C5	.....	.05 Mfd. Paper 400 V.
C6	.....	.1 Mfd. Paper 200 V.
C7	.....	.05 Mfd. Paper 400 V.
C8	.....	50 Mmfd. Mica
C9A	.....	Trimmer Condenser (On Input I.F. Trans. T1.)
C9B	.....	Trimmer Condenser (On Input I.F. Trans. T1.)
C10A	.....	Trimmer Condenser (On Output I.F. Trans. T2.)
C10B	.....	Trimmer Condenser (On Output I.F. Trans. T2.)
C11	.....	250 Mmfd. Mica
C12	.....	.003 Mfd. Paper 600 V.
C13	.....	100 Mmfd. Mica
C14	.....	.1 Mfd. Paper 200 V.
C15	.....	.02 Mfd. Paper 600 V.
C16	.....	.003 Mfd. Paper 600 V.
C17	.....	10 Mfd. Paper Electrolytic Filter 150 V.



Antenna circuit Model 47 only.

Addison 45, 46, 47 456 KHZ I. F.

ALIGNMENT PROCEDURE

All tuned circuits in this receiver have been accurately adjusted at the factory, and any further adjustment should not be necessary. If any re-alignment is required the procedure outlined in the Chart of Alignment Fig. 4 should be followed in the order shown.

Output Meter - Connect meter leads to the voice coil terminals of the speaker and turn the receiver volume control to maximum.

Test Oscillator or Signal Generator - For all alignment operations connect the ground side of the test apparatus to the receiver chassis, and keep the signal input to the circuit being tuned as low as possible to avoid A.V.C. action.

CHART OF ALIGNMENT PROCEDURE

Steps in Alignment	Test Oscillator			Receiver Dial Setting	Circuit to Adjust	Symbol on Schematic
	Connection to Receiver	Dummy Antenna	Frequency Setting			
1.	Control Grid IT4-I.F. Pin No. 6	.05 MFD.	456 Kc.	No Signal 540-700 Kc.	2nd I.F. Transformer	C10A C10B
2.	Control Grid IR5 Pin No. 6	.05 MFD.	456 Kc.	No Signal 540-700 Kc.	1st I.F. Transformer	C9A C9B
3.	Antenna Lead	200 MMF.	1500 Kc.	1500 Kc.	Oscillator Trimmer	C4
4.	Antenna Lead	200 MMF.	1500 Kc.	1500 Kc.	R.F. Trimmer	C3
5.	Antenna Lead	200 MMF.	1500 Kc.	1500 Kc.	Antenna Trimmer	C2

Fig. 4.

NOTE: Calibration points are marked on the top edge of the dial back at closed gang, 600 kc, 900 kc and 1500 kc. positions (see Fig. 2), for convenience in alignment of the receiver when out of the cabinet.

