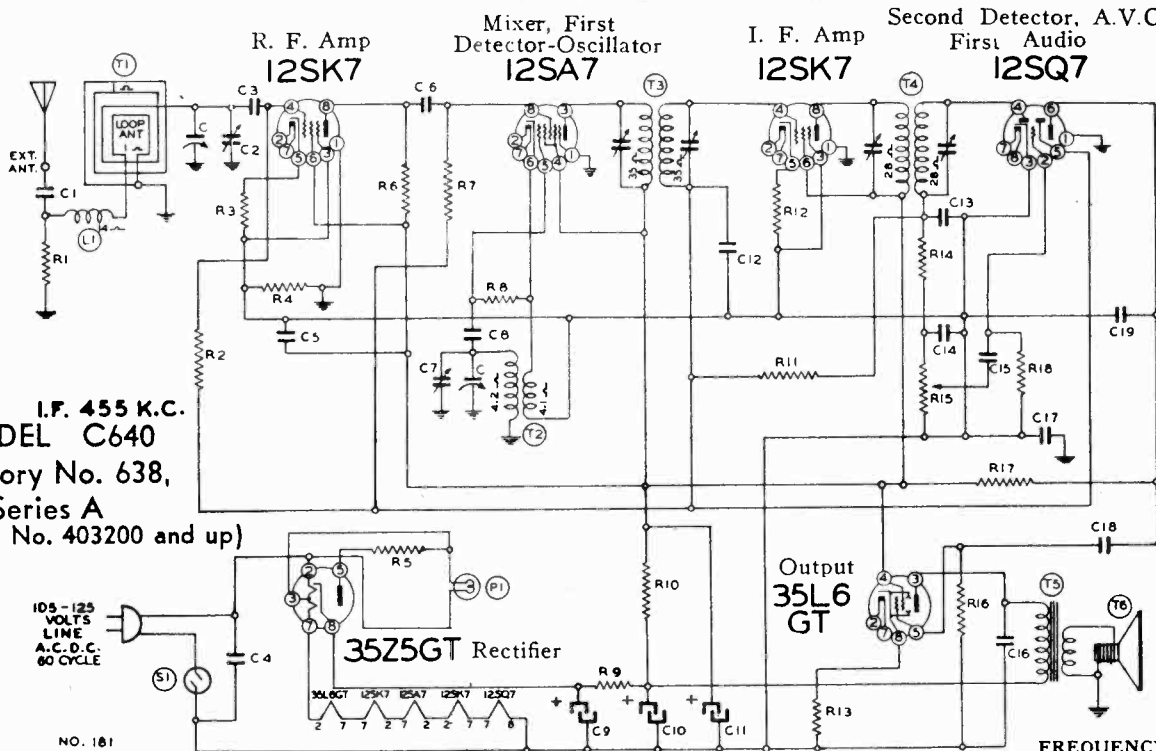


GAMBLE SKOGMO, INC.

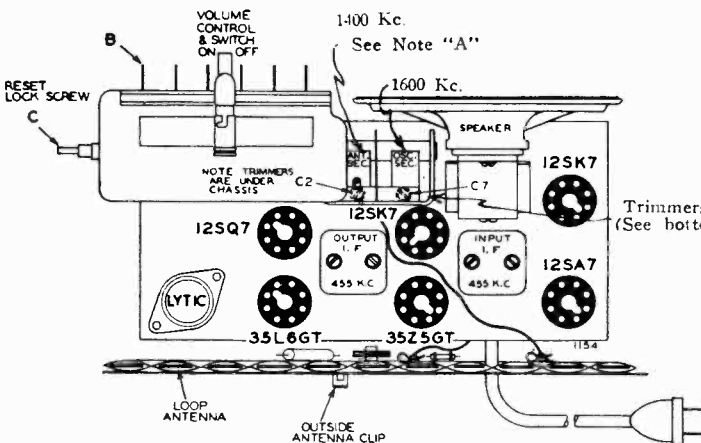
MODEL C640



I.F. 455 K.C.  
**MODEL C640**  
 Factory No. 638,  
 Series A  
 (Serial No. 403200 and up)

4-40

Power Consumption.....35 Watts  
 Power Output.....1 Watt Undistorted, 1.5 Watts Maximum

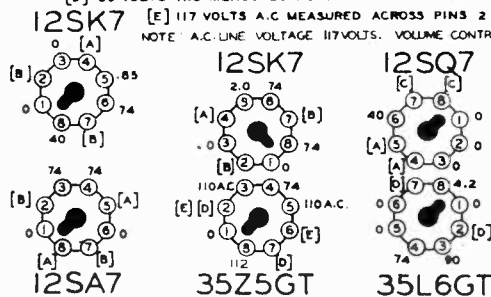


**BOTTOM VIEW OF CHASSIS**

VOLTAGES MEASURED WITH 1000 OHM PER VOLT VOLTMETER BETWEEN SOCKET TERMINALS AND B—

- [A] CANNOT BE MEASURED WITH VOLTMETER.
- [B] 12 VOLTS A.C. MEASURED ACROSS PINS 2 & 7.
- [C] 12 VOLTS A.C. MEASURED ACROSS PINS 7 & 8.
- [D] 30 VOLTS A.C. MEASURED ACROSS PINS 2 & 7.
- [E] 117 VOLTS A.C. MEASURED ACROSS PINS 2 & 8.

NOTE: A.C. LINE VOLTAGE 117 VOLTS. VOLUME CONTROL AT MINIMUM



**REAR OF CHASSIS**

1156

**Code Part Description**  
**No. No.**

**RESISTORS**

R1	13018	4M ohm—1/2 w.
R2	13019	1 megohm—1/2 w.
R3	130168	100 ohm—1/2 w.
R4	130100	150M ohm—1/2 w.
R5	130215	25 ohm—1/2 w.
R6	130218	5M ohm—1/2 w.
R7	13020	100M ohm—1/2 w.
R8	13012	50M ohm—1/2 w.
R9	130296	200 ohm—1 w.
R10	130287	1200 ohm—1 w.
R11	130170	3 megohm—1/2 w.
R12	13024	400 ohm—1/2 w.
R13	130166	150 ohm—1/2 w.
R14	13012	50M ohm—1/2 w.
R15	101218	1 megohm volume control
R16	1303	500M ohm—1/2 w.
R17	1309	200M ohm—1/2 w.
R18	130257	5 megohm—1/2 w.

**CONDENSERS**

C	102116	2 gang variable condenser
C1	10025	.002 x 600 v.
C2		B. C. Antenna Trimmer on Gang Con.
C3	1292	.0005 Mica
C4	1001	.1 x 400 v.
C5	1006	.25 x 200 v.
C6	1295	.0001 mica
C7		B. C. Oscillator Trimmer on Gang Con.
C8	1295	.0001 mica
C9	11994	40 mfd. lytic x 150 v. v.
C10	11994	20 mfd. lytic x 150 v. v.
C11	11994	20 mfd. lytic x 150 v. v.
C12	1009	.05 x 200 v.
C13	129161	.0001 mica
C14	129161	.0001 mica
C15	10025	.002 x 600 v.
C16	10026	.02 x 400 v.
C17	100110	.2 x 400 v.
C18	100106	.004 x 600 v.
C19	1295	.0001 mica

C9, C10, C11 are in same unit  
 C13, C14 are in same unit

**PARTS**

T1	111180	Loop Antenna complete
T2	110152	Oscillator Coil
T3	108140H	Input I. F. Coil—455 Kc.
T4	108145	Output I. F. Coil—455 Kc.
T5	105104	Output Transformer
T6	114197	5" P. M. Speaker
T7		Loading Coil
S1		On-off switch on volume control
P1	107249	T47 Pilot light bulb

NOTE "A" Lay the output lead from the generator in back of the loop antenna. Turn up the output of the generator, picking up the energy in the loop antenna without any electrical connection from the generator.