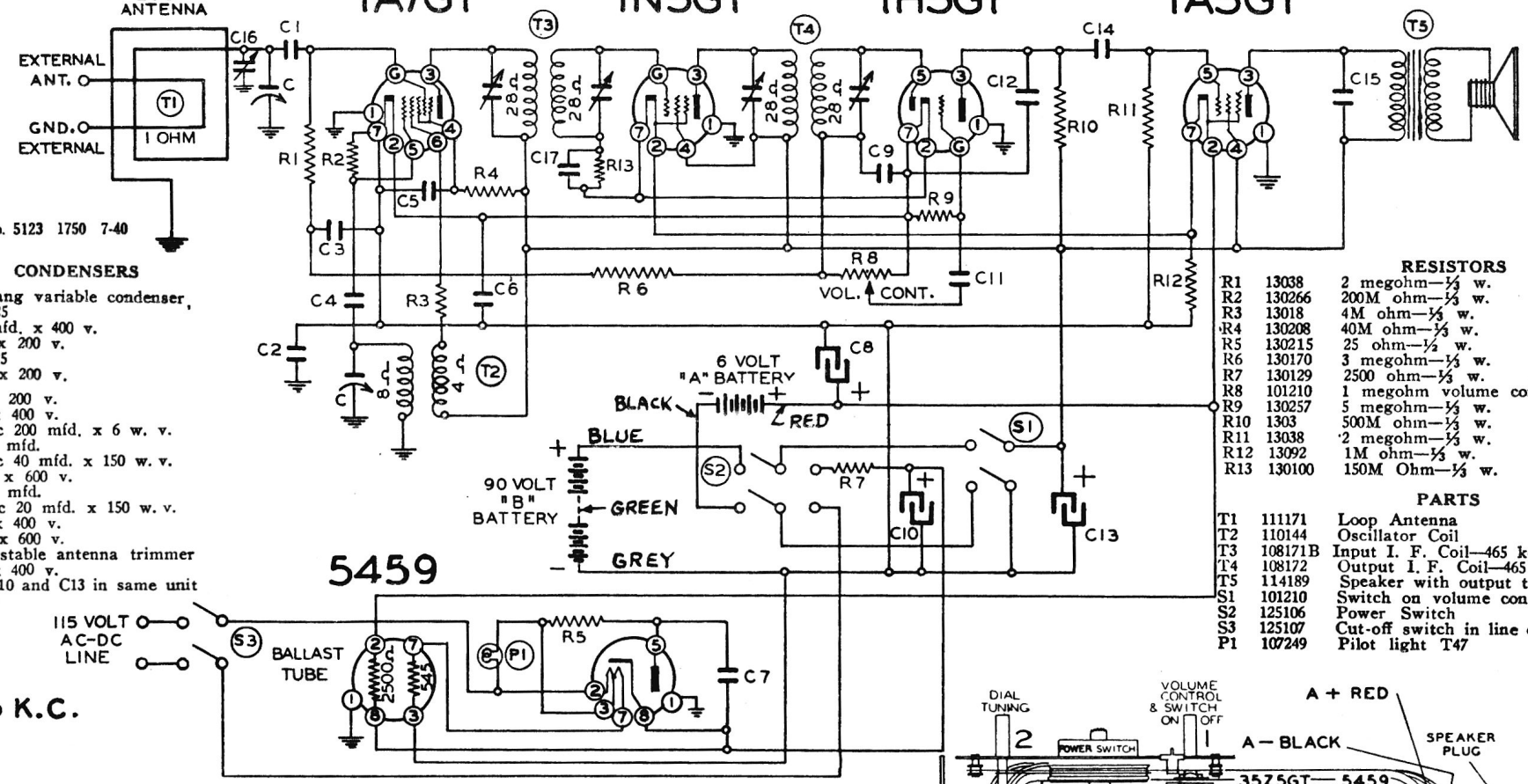
BELMONT RADIO CORP.

MODEL 546

(BRC. 507B) Form No. 5123 1750 7-40

MIXER - OSC. 1A7GT | 1ST I.F. 1N5GT | DET.-AVC.-AF 1H5GT | O.P. 1A5GT



I. F. 465 K.C.

CONDENSERS

C	102125	2 gang variable condenser,
C1	12912	.00025
C2	100110	.2 mfd. x 400 v.
C3	1009	.05 x 200 v.
C4	12912	.00025
C5	1009	.05 x 200 v.
C6	10020	.1 x 200 v.
C7	10011	.01 x 400 v.
C8	119104	Lytic 200 mfd. x 6 w. v.
C9	1295	.0001 mfd.
C10	119104	Lytic 40 mfd. x 150 w. v.
C11	10025	.002 x 600 v.
C12	1292	.0005 mfd.
C13	119104	Lytic 20 mfd. x 150 w. v.
C14	10011	.01 x 400 v.
C15	10025	.002 x 600 v.
C16	124116	Adjustable antenna trimmer
C17	10026	.02 x 400 v.

C8, C10 and C13 in same unit

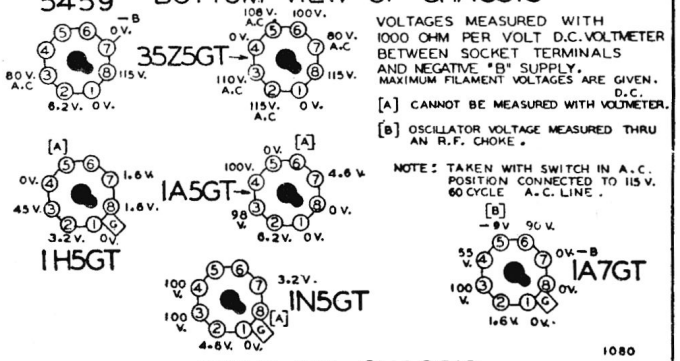
RESISTORS

R1	13038	2 megohm—⅓ w.
R2	130266	200M ohm—⅓ w.
R3	13018	4M ohm—⅓ w.
R4	130208	40M ohm—⅓ w.
R5	130215	25 ohm—½ w.
R6	130170	3 megohm—⅓ w.
R7	130129	2500 ohm—⅓ w.
R8	101210	1 megohm volume cont
R9	130257	5 megohm—⅓ w.
R10	1303	500M ohm—⅓ w.
R11	13038	2 megohm—⅓ w.
R12	13092	1M ohm—⅓ w.
R13	130100	150M Ohm—⅓ w.

PARTS

T1	111171	Loop Antenna
T2	110144	Oscillator Coil
T3	108171B	Input I. F. Coil—465 kc.
T4	108172	Output I. F. Coil—465 kc.
T5	114189	Speaker with output trans
S1	101210	Switch on volume control
S2	125106	Power Switch
S3	125107	Cut-off switch in line cord
P1	107249	Pilot light T47

5459 BOTTOM VIEW OF CHASSIS



VOLTAGES MEASURED WITH 1000 OHM PER VOLT D.C. VOLTMETER BETWEEN SOCKET TERMINALS AND NEGATIVE "B" SUPPLY. MAXIMUM FILAMENT VOLTAGES ARE GIVEN.

[A] CANNOT BE MEASURED WITH VOLTMETER.

[B] OSCILLATOR VOLTAGE MEASURED THRU AN R.F. CHOKE.

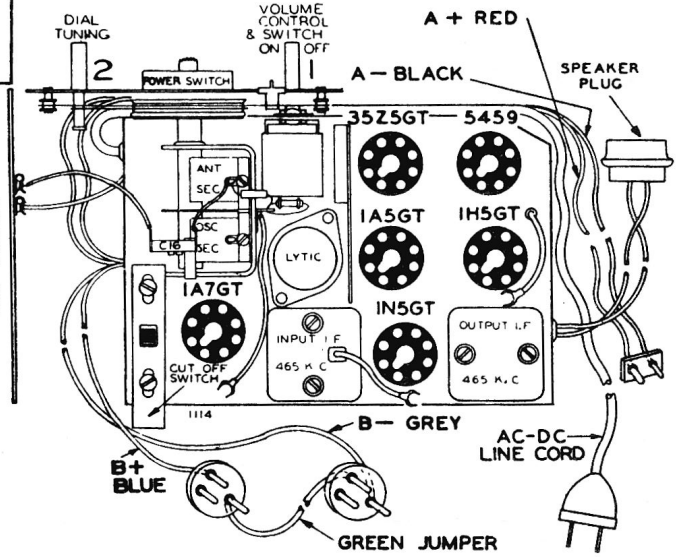
NOTE: TAKEN WITH SWITCH IN A.C. POSITION CONNECTED TO 115 V. 60 CYCLE A.C. LINE.

RECT. 35Z5GT

ALIGNMENT FREQUENCIES:

IF - 465kc, 4 trims. thru .1mf dummy

BC - 1500kc, osc. trim. thru .1mf dummy
1400 kc, ant. trim C16 thru 200 mmf dummy

POWER CONSUMPTION - 35 watts

POWER O.P. - 100 to 200 Max.