



RESISTORS

R1	15,000 Ω	1/2 W.	±10%
R2	15,000 Ω	1/2 W.	±10%
R3	55,000 Ω	1/2 W.	±10%
R4	5,000 Ω	1/2 W.	±10%
R5	200,000 Ω	1/2 W.	±10%
R6	30,000 Ω	1/2 W.	±10%
R7	2 MEGOHMS	1/2 W.	±10%
R8	50 Ω	1/2 W.	±10%
R9	2 MEGOHMS	1/2 W.	±10%
R10	50,000 Ω	1/2 W.	±10%
R11	1 MEGOHM	VOLUME CONTROL	
R12	10 MEGOHMS	1/2 W.	±20%
R13	250,000 Ω	1/2 W.	±20%
R14	500,000 Ω	1/2 W.	±20%
R15	600 Ω	1/2 W.	±10%
R16	1,000 Ω	1/2 W.	±10%
R17	75,000 Ω	TONE CONTROL	
R18	150 Ω	1/2 W.	±10%
R19	150 Ω	1/2 W.	±10%

COILS

T1	B.C. ANTENNA COIL
T2	H.F. ANTENNA COIL
T3	B.C. OSCILLATOR COIL
T4	H.F. OSCILLATOR COIL
T5	1ST. I.F. TRANSFORMER C
T6	2ND. I.F. TRANSFORMER C
T7	OUTPUT TRANSFORMER
T8	VIBRATOR TRANSFORMER

LI FILAMENT REACTOR
L2 HEATER REACTOR
L3 PH. DYNAMIC SPEAKER
L4 VIBRATOR REACTOR

INT. FREQ. 455 K.C. CONDENSERS

C1	GANG CONDENSER (ANT. SECTION)
C2	GANG CONDENSER (OSC. SECT. ONLY)
C3	5-50 MMF. B.C. ANT. TRIMMER
C4	5-30 MMF. H.F. ANT. TRIMMER
C5	150-600 MMF. B.C. PADDER
C6	.004 MF. ±5% MICA H.F. PADDER
C7	4-40 MMF. B.C. OSC. TRIMMER
C8	4-40 MMF. H.F. OSC. TRIMMER
C9	DUAL I.F. TRIMMER
C10	DUAL I.F. TRIMMER
C11	.05 MF. 200V. TUBULAR
C12	.005 MF. 600V. TUBULAR
C13	.1 MF. 100V. DRY ELECT. YC.
C14	.25 MF. 200V. TUBULAR
C15	.05 MF. 200V. TUBULAR
C16	50 MMF. ±10% MICA
C17	.1 MF. 200V. TUBULAR
C18	260 MMF. ±20% MICA
C19	.005 MF. 600V. TUBULAR
C20	.25 MF. 200V. TUBULAR
C21	500 MMF. ±10% MICA
C22	.01 MF. 400V. TUBULAR
C23	10 MF. 25 V. DRY ELECT. YC.
C24	.005 MF. 600V. TUBULAR
C25	.05 MF. 200V. TUBULAR
C26	.5 MF. 200 V. TUBULAR
C27	20 MF. 150V. DUAL DRY ELECT. YC.
C28	20 MF. 150V. DUAL DRY ELECT. YC.
C29	.01 MF. 1200 V. TUBULAR
C30	50 MMF. ±10% MICA

D.C. VOLTAGES WITH RESPECT TO CHASSIS ARE SHOWN FOR 6-V VOLT POWER SUPPLY

1941-42 MODELS 40V52 E 40V52 E-1 40V52-P

ALIGNMENT — PROCEED IN SEQUENCE LISTED.

Band	Band Switch Setting	Dummy Antenna	Connect Generator To	Radio Dial Setting	Generator Frequency	Trimmer Adjusted	Adjustment
2nd I. F.	B. C.	.1 Mfd.	Grid of 1N5G I. F. Tube	1700 K. C.	455 K. C.	2nd I. F. C-10	Maximum Output
1st I. F.	B. C.	.1 Mfd.	Grid of 1B7G Converter	1700 K. C.	455 K. C.	1st I. F. C-9	Maximum Output
1400 K. C.	B. C.	200 Mmfd.	Antenna	1400 K. C.	1400 K. C.	B. C. Osc. C-7 B. C. Ant. C-3	Maximum Output
600 K. C.	B. C.	200 Mmfd.	Antenna	600 K. C.	600 K. C.	B. C. Pad'der C-5	Maximum Output
15 M. C.	S. W.	400 Ohm	Antenna	15 M. C.	15 M. C.	S. W. Osc. C-8 S. W. Ant. C-4	Maximum Output
6 M. C.	S. W.	400 Ohm	Antenna	6 M. C.	6 M. C.	None	None

