MODEL
6514

ALIGNMENT DATA

FIRST STEP: Connect the hot lead from the generator to the ANT. section of the gang condenser through a .1 MFD. condenser. The ground lead from the generator must be connected to "B" minus under the chassis. Turn the gang condenser to complete minimum capacity. Set the generator to 455 KC. Adjust the movable iron cores in the IF cans.

SECOND STEP: With the leads from the generator still connected as in IF alignment, adjust the generator to 1610 KC. Make sure that the gang condenser is turned to complete minimum capacity. Adjust the generator to 1610 KC. and adjust the oscillator trimmer of the receiver until the signal is tuned in. Next, turn the gang condenser to complete maximum capacity. Adjust the generator to 540 KC., then adjust the iron core in the end of the oscillator coil until the signal is tuned in.

THIRD STEP: Remove the generator leads from the gang condenser and the chassis. Loosely couple the generator to the antenna by laying the hot generator lead near the antenna rod. Set the generator at 1400 KC. and tune in the 1400 KC. signal on the receiver. Adjust the ANT. trimmer until a maximum signal is noted on the output meter.

PART NO.		DESCRIPTION
IR-17	R-1	33 Ω RESISTOR 1/2W. 20%
IR-9	R-2	22M Ω RESISTOR 1/2W. 20%
IR-20	R-3	220M Ω RESISTOR 1/2W. 20%
IR-23	R-4	3.3MEG. RESISTOR 1/2W. 20%
IR-114	R-5	220 Ω RESISTOR 1/2 W. 0%
VC-75	R-6	1 MEG. VOLUME CONTROL
IR-13	R-7	2.2 MEG. RESISTOR 1/2W 20%
IR-11	R-8	470M Ω RESISTOR 1/2W 20%
IR-114	R-9	220 Ω RESISTOR 1/2W. 20%
IR-42	R-10	1000 Ω RESISTOR 1W 10%
IR-10	R-11	47000 Ω RESISTOR 1/2W 20%
IR-12	R-12	1 MEG. RESISTOR 1/2W 20%
L1-13	T-1	INPUT I.F. TRANSFORMER
	T-2	OUTPUT I.F. TRANSFORMER

PART NO.		DESCRIPTON
CC-12	C-1	47 MMFD CERAMIC CONDENSER
CC-33	C-3	220 MMFD. 500V. 20% CER. COND.
PC-5	C-4	.05MFD. CONDENSER 400 V.
CC-5	C-5	100 MMFD CERAMIC CONDENSER
PC-7	C-6	.01 MFD. CONDENSER 400V.
EG-34	C-7	5 MFD. @ 25 W.V.D.C. ELECTROLYTIC
CC-36	C-8	.0033 MFD. 500V. 10% CER. COND.
EG-35	C-9	50 MFD. — 150 W.V.D.C. ELECTROLYTIC
	C-10	50 MFD. — 150 W.V.D.C. ELECTROLYTIC
PC-21	C-12	.047 MFD. 400V. PHENOLIC TUB. COND.
GC-16	C-1	TUNING CONDENSER
	G-2	TUNING CONDENSER

PART NO		DESCRIPTION
SPK-38	S	4" P.M. SPEAKER
	V.C.	VOICE COIL
AT-14	T-3	OUTPUT TRANSFORMER
LL-39	L-1	FERRAMIC ROD ANTENNA
LO-21	L-2	OSC. COIL
	S-1	SWITCH ON VOLUME CONTROL
	S-2	SWITCH ON RECORD CHANGER
RC-22	P	PICKUP CARTRIDGE
	M	CHANGER MOTOR
SW-20	S-3	RADIO-PHONO SWITCH
SW-21	S-4	TONE CONTROL SWITCH