

NOTE: ALL MEASUREMENTS TAKEN WITH 20,000 OHM/VOLT VOLTMETER.

WINDING POLARITY
 "S" DESIGNATES START OF WINDING
 "F" DESIGNATES FINISH OF WINDING

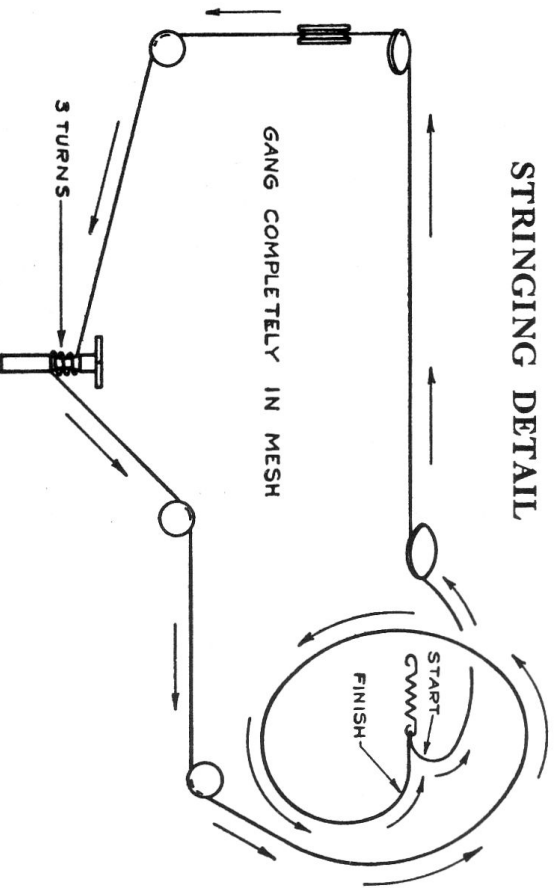
NOTE: SWITCH S1 IS SHOWN IN PHONO POSITION, EXTREME COUNTER-CLOCKWISE POSITION.

Factory Code SCC-52-417
 SCC-52-417Z

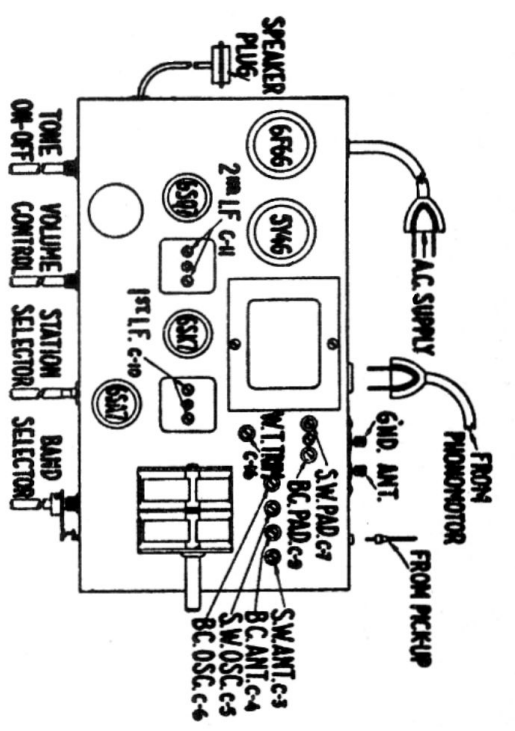
USES WEBSTER MODEL 50
 AUTOMATIC RECORD CHANGER

Electrohome - Serenader 700

STRINGING DETAIL



APPROX. LENGTH 7 1/4"



CHASSIS LAYOUT

Electrohome - Serenader 700

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.	.05 Blocking Condenser	Grid of 6SK7	1650 K.C.	455 K.C.	C-11	Maximum Output
1st I.F.	B.C.	.05 Blocking Condenser	Grid of 6SA7 Converter	1650 K.C.	455 K.C.	C-10	Maximum Output
455 K.C.	B.C.	200 mmfd.	Antenna	1650 K.C.	455 K.C.	C-16	Minimum Output
1460 K.C.	B.C.	200 mmfd.	Antenna	1460 K.C.	1460 K.C.	C-6 C-4	Maximum Output
600 K.C.	B.C.	200 mmfd.	Antenna	600 K.C.	600 K.C.	C-9	Maximum Output Rock Gang Slightly
16 M.C.	S.W.	400 ohm	Antenna	16 M.C.	16 M.C.	G-5 G-3	Maximum Output
6 M.C.	S.W.	400 ohm	Antenna	6 M.C.	6 M.C.	G-7	Maximum Output

ALIGNMENT AND CALIBRATION

These receivers are carefully aligned and calibrated at the factory with precision instruments. If realignment is necessary, the following equipment is required:

(1) A signal generator to supply with accuracy the frequencies:

- (a) 455 K.C., (b) 1460 K.C., (c) 600 K.C.,
- (d) 16 M.C., (e) 6 M.C.

(2) A dependable Output meter.

Note 1—When aligning oscillator section at high frequencies, care should be taken that the receiver is not adjusted to an image frequency in place of the fundamental. At 15 M.C., fundamental will be obtained at minimum trimmer capacity.

Note 2—When aligning antenna trimmer at high frequencies, rock gang condenser back and forth to obtain maximum peak.

Factory Code **SCC-52-417**

SCC-52-417z

SENSITIVITIES.

Sensitivity in microvolts for 500 milliwatts output (voice coil impedance 3.2 ohms) carrier modulated 30% at 400 cycles

1st I.F. Grid	5200	455 K.C.	1460 K.C.	900 K.C.	600 K.C.	16 M.C.	10 M.C.	6 M.C.
Converter Grid.....	88			90	90	92	92	94
Antenna.....	—			30	25	20	40	45 60