

GENERAL ELECTRIC CO.

MODELS F-80, F-85

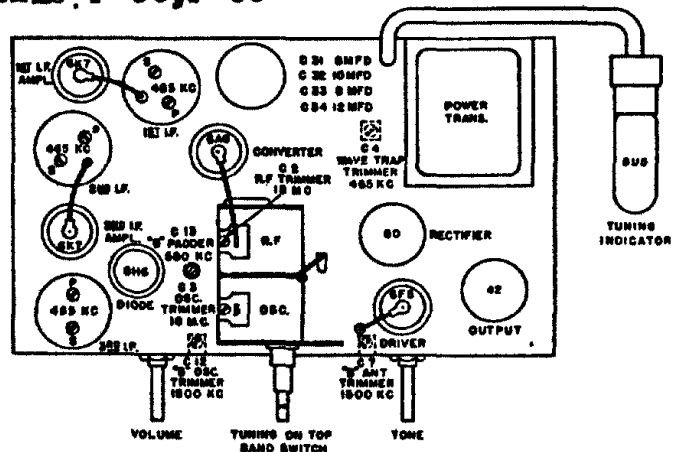
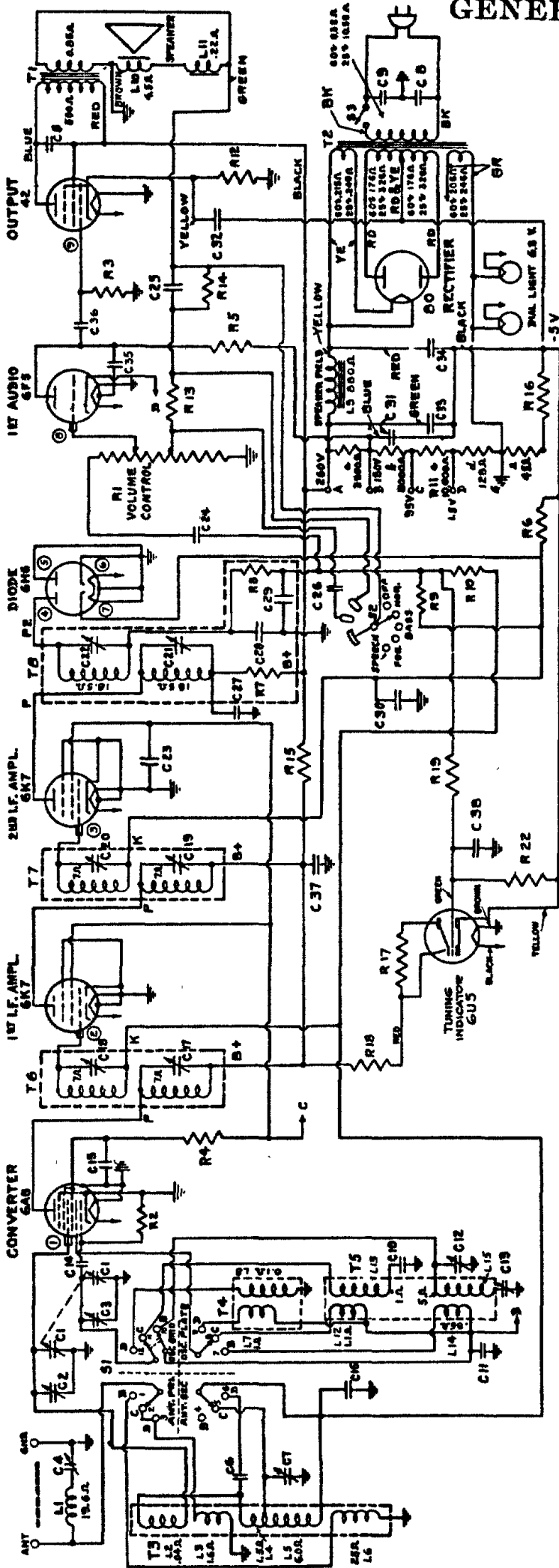


Fig. 4. Chassis Layout and Trimmer Location

Fig. 1. Schematic Diagram

MODELS F-80 AND F-85

IF PEAK 455 KC

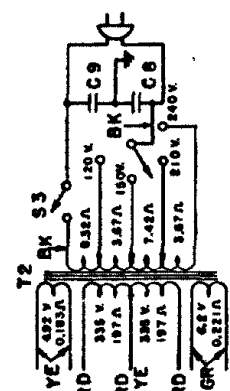
CONDITIONS OF TEST

WAVE SWITCH ON S BAND
POWER SWITCH OFF

APPROXIMATE RESISTANCE MEASUREMENTS

TEST POINT	RESISTANCE TO GROUND	TEST POINT	RESISTANCE TO GROUND
1	12 MEG. A	11	12 MEG. A
2	12 MEG. A	12	12 MEG. A
3	10,000.0 A	13	12 MEG. A
4	10,000.0 A	14	12 MEG. A
5	10,000.0 A	15	12 MEG. A
6	10,000.0 A	16	12 MEG. A
7	10,000.0 A	17	12 MEG. A
8	10,000.0 A	18	12 MEG. A
9	10,000.0 A	19	12 MEG. A
10	10,000.0 A	20	12 MEG. A

ALL VOLTAGES TO GROUND UNLESS OTHERWISE SPECIFIED.
ALL VOLTAGES MEASURED WITH ANT. & GND. TERMINALS
SHORTED & 100V ON P1



UNIVERSAL TRANSFORMER
120-240 VOLTS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
C 1	TUNING CAPACITOR	R 1	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 2	D. SEC. TRIM.	R 2	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 3	D. SEC. TRIM.	R 3	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 4	PAPER	R 4	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 5	PAPER TRIM.	R 5	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 6	PAPER TRIM.	R 6	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 7	PAPER TRIM.	R 7	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 8	PAPER	R 8	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 9	MICA	R 9	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 10	PAPER	R 10	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 11	PAPER TRIM.	R 11	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 12	B PADDER TRIM.	R 12	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 13	MICA	R 13	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 14	PAPER	R 14	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 15	PAPER	R 15	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 16	1ST LF TRIM.	R 16	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 17	1ST LF SEC. TRIM.	R 17	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 18	2ND LF TRIM.	R 18	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 19	2ND LF SEC. TRIM.	R 19	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 20	3RD LF TRIM.	R 20	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 21	3RD LF SEC. TRIM.	R 21	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 22	PAPER	R 22	VOLUME CONTROL, 2 MEGA TAP AT 5000A
C 23	PAPER	T 1	POWER TRANSFORMER
C 24	PAPER	T 2	POWER TRANSFORMER
C 25	PAPER	T 3	POWER TRANSFORMER
C 26	MICA	T 4	POWER TRANSFORMER
C 27	MICA	T 5	POWER TRANSFORMER
C 28	MICA	T 6	POWER TRANSFORMER
C 29	MICA	T 7	POWER TRANSFORMER
C 30	PAPER	T 8	POWER TRANSFORMER
C 31	PAPER	T 9	POWER TRANSFORMER
C 32	PAPER	T 10	POWER TRANSFORMER
C 33	PAPER	T 11	POWER TRANSFORMER
C 34	PAPER	T 12	POWER TRANSFORMER
C 35	PAPER	T 13	POWER TRANSFORMER
C 36	PAPER	T 14	POWER TRANSFORMER
C 37	PAPER	T 15	POWER TRANSFORMER
C 38	PAPER	T 16	POWER TRANSFORMER
C 39	PAPER	T 17	POWER TRANSFORMER
C 40	PAPER	T 18	POWER TRANSFORMER
C 41	PAPER	T 19	POWER TRANSFORMER
C 42	PAPER	T 20	POWER TRANSFORMER
C 43	PAPER	T 21	POWER TRANSFORMER
C 44	PAPER	T 22	POWER TRANSFORMER
C 45	PAPER	T 23	POWER TRANSFORMER
C 46	PAPER	T 24	POWER TRANSFORMER
C 47	PAPER	T 25	POWER TRANSFORMER
C 48	PAPER	T 26	POWER TRANSFORMER
C 49	PAPER	T 27	POWER TRANSFORMER
C 50	PAPER	T 28	POWER TRANSFORMER
C 51	PAPER	T 29	POWER TRANSFORMER
C 52	PAPER	T 30	POWER TRANSFORMER
C 53	PAPER	T 31	POWER TRANSFORMER
C 54	PAPER	T 32	POWER TRANSFORMER
C 55	PAPER	T 33	POWER TRANSFORMER
C 56	PAPER	T 34	POWER TRANSFORMER
C 57	PAPER	T 35	POWER TRANSFORMER
C 58	PAPER	T 36	POWER TRANSFORMER
C 59	PAPER	T 37	POWER TRANSFORMER
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C 68	PAPER	T 46	POWER TRANSFORMER
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