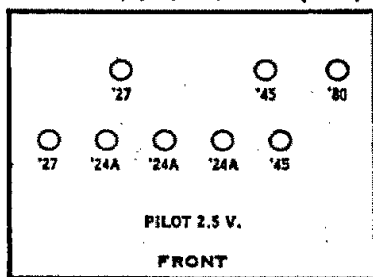
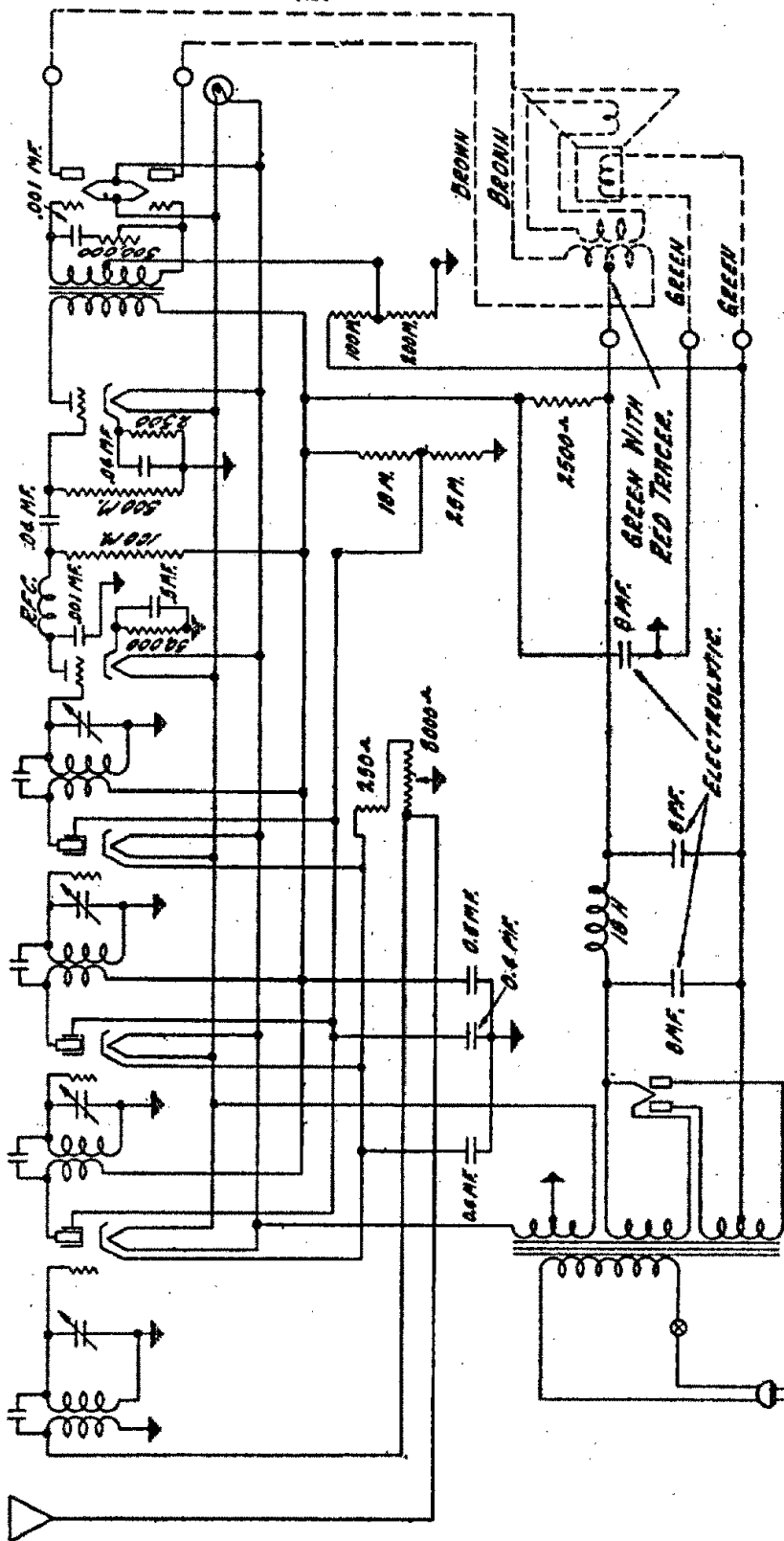


Models 3145, 14000, 26000 (1930)



MONTGOMERY-WARD & CO.

MODEL 14,000
Commander
62,000
Cavalier



Schematic Diagram of Commander and Cavalier Sets

DOTTED LINES SHOWN ARE IN SPEAKER.

Operating Voltages

VOLTAGES AT SOCKETS—VOLUME CONTROL AT MAXIMUM—LINE VOLTAGE, 115 PLUG IN SOCKET OF RECEIVER-TUBE IN TEST SET

Tube of	Position of	Type of	Function	V _{g1} Volts	B Volts	Control Grid Volts	Screen Volts	Current MA	Cathode Volts	Plate M.A.	Grid Test M.A.
224	1	224	1st Radio	2.3	247	4.0	103	.75	4.0	4.6	9.3
224	2	224	2nd Radio	2.3	247	4.0	103	.75	4.0	4.6	9.3
224	3	224	3rd Radio	2.3	247	4.0	103	.75	4.0	4.6	9.3
227	4	227	Detector	2.3	160	17	17	17	15	5.9	3.5
227	5	227	1st Audio	2.3	223	15	29.2	15	15	27.5	32
245	6	245	2nd Audio	2.25	243	29.2	29.2	15	15	27.5	32
245	7	245	2nd Audio	2.25	243	29.2	29.2	15	15	27.5	32
280	8	280	Rectifier	4.9	243	29.2	29.2	15	15	27.5	42.5

Model 29 W chassis used in both the Commander and Cavalier sets is similar in all essential respects to the Airline Cortez and Coronado.

Certain changes have been made, however, which have to do chiefly with the operating voltages. The schematic diagram as compared with the diagram of the Cortez will show clearly where these changes have been made, and the operating voltages chart will show the effect that the changes have had in the voltages at the various tube sockets. In performance this chassis is quite similar to the Cortez, with the exception of slightly less power out-put when operated with the volume control full on.

Servicing instructions which apply to the Cortez also apply in the 29 W chassis. Do not forget, however, that in making any measurements with the set analyzer on the 29 W chassis, that the voltages are widely different from those used in the Cortez.

For "CORONADO" NO 3035 (60 ~) & 3037 (25 ~)
and "CORTAZ" NO 3065 (60 ~) & 3067 (25 ~)