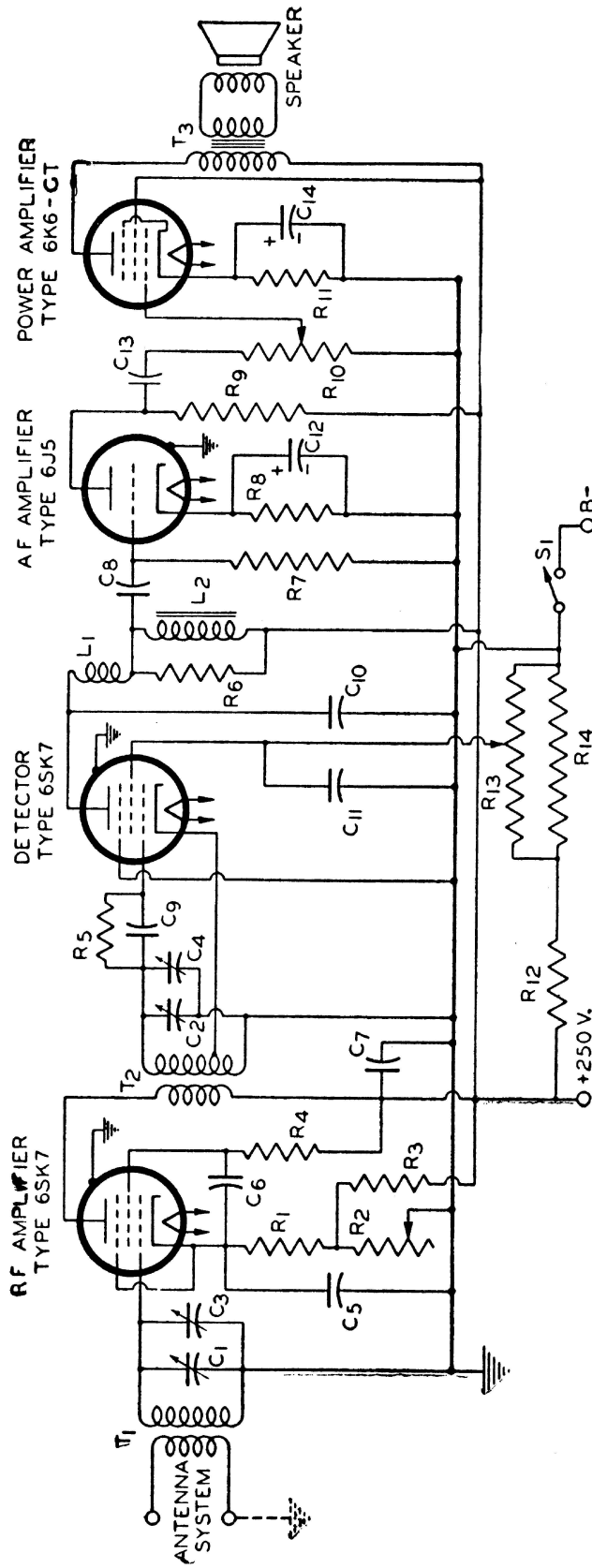


REGENERATIVE SHORT-WAVE RECEIVER



C_1 = 35 μf
 C_2 = 35 μf
 C_3 = Midget tuning capacitors, 140 μf
 C_4 = 0.01 μf
 C_5 = 0.01 μf
 C_6 = 0.01 μf
 C_7 = 0.05 μf
 C_8 = 0.01 μf
 C_9 = 0.0025 μf
 C_{10} = 0.0025 μf
 C_{11} = 1 μf
 C_{12} = 8 μf
 C_{13} = 25 v.
 C_{14} = 16 μf
 L_1 = RF choke, 8 mh.
 L_2 = AF choke, 300-500 h.
 R_1 = 270 ohms
 R_2 = Potentiometer, 10000 ohms
 R_3 = 10000 ohms
 R_4 = 50000 ohms
 R_5 = 5600 ohms
 R_6 = 27000 ohms
 R_7 = 1500 ohms
 R_8 = 1500 ohms
 R_9 = 47000 ohms
 R_{10} = 50000 ohms
 R_{11} = 560 ohms
 R_{12} = 15000 ohms
 R_{13} = 50000 ohms
 R_{14} = 50000 ohms

R_3 = 10000 ohms
 R_4 = 5600 ohms
 R_5 = 2 to 5 megohms
 R_6 = 27000 ohms
 R_7 = 1 megohm
 R_8 = 1500 ohms
 R_9 = 47000 ohms
 R_{10} = Volume control, potentiometer, 50000 ohms
 R_{11} = 560 ohms
 R_{12} = 15000 ohms
 R_{13} = Regeneration control, potentiometer, 50000 ohms

R_{14} = 5600 ohms
 S_1 = Switch, single-throw
 T_1 = RF coil of the 4-prong, plug-in type for use with a 140- μf tuning capacitor
 T_2 = Regenerative detector coil of the 5-prong, 2-winding, plug-in type with tapped grid winding for electron-coupled circuit
 T_3 = Output transformer for matching impedance of voice coil to a 7500-ohm tube load