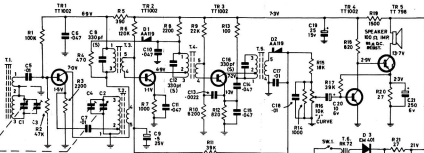
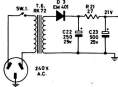


HEALING 500T



NOTES

1. ALL CAPACITORS ARE IN MFD. 10% TOL. POLYESTER UNLESS OTHERWISE SPECIFIED.
2. STYROSEAL CAPACITORS ARE 100VOLT 5% TOL. INDICATED BY (S).
3. ALL RESISTORS ARE IN OHMS $\frac{1}{2}$ WATT RATING 10% TOL. UNLESS OTHERWISE SPECIFIED.
4. ALL VOLTAGES MEASURED ON A D.C. 20K OHMS/VOLT METER, NO SIGNAL INPUT, MINIMUM VOLUME.
5. TUNING RANGE 520-1620 KHZ. LF. 485 KHZ.



ALIGNMENT PROCEDURE

I.F. ALIGNMENT 455Kc/s.

Connect generator through a small capacitor (100pF to .01 mfd) to aerial section of gang (C.1). Use minimum signal generator output consistent with a readable signal. Set volume control to maximum, and tuning capacitor to minimum capacity.

1. Adjust I.F. transformer cores in order T5, T4, T3.
2. Repeat (1) until alignment is satisfactory.

R.F. AND OSCILLATOR ALIGNMENT

Signal generator should be coupled loosely to receiver, i.e. through a radiating loop, or a wire lying on the bench.

1. Set dial to a low frequency station (about 600 Kc/s) and tune oscillator core until station is received.
2. Set dial to a high frequency station (about 1500 Kc/s) and tune oscillator trimmer (C4) until station is received.
3. Repeat 1 and 2 until no further adjustment is required.
4. Tune receiver to receive 600 Kc/s signal from generator and peak aerial coil on ferrite rod.
5. Tune receiver to receive 1400 Kc/s signal from generator and peak serial trimmer (C3).
6. Repeat 4 and 5 until alignment is satisfactory.