

SECTION II (Contd)

INPUT. Input socket for use of external SB exciter. SB exciter must deliver SB signal of 15-20 watts. Located on rear apron of RF section chassis.

MIC. Located on the front panel of the modulator section. Audio input is between pin 1 and ground. Push-to-talk connections are from pin 2, through push-to-talk switch and to ground.

115V AC. Terminal strip, located on rear of power supply chassis. Provides 115 VAC to operate relay when TRANSMIT switch or push-to-talk is in ON position.

ANTENNA CONNECTORS. Located on rear of RF section. Two coax connectors marked ANT. and RECEIVER.

OPERATING HINTS.

Proper tune-up is necessary for optimum performance of the Globe King 500-C transmitter. Attempted operation of the transmitter without proper tune-up may result in damage.

TABLE II. CRYSTAL CHART

Band	Crystal
160 meters	1800-2000 KC
80-75 meters	3500-4000 KC
40 meters	7000-7300 KC
20 meters	7000-7175 KC
15 meters	7000-7150 KC
10 meters	7000-7425 KC

WARNING

Operation of this equipment involves the use of high voltages which are dangerous to life. Observe all safety precautions! Do not attempt to make adjustments inside the equipment, or change tubes with any power on. Disconnect the main power line before touching any high voltage components.

Dial settings in Table III are typical for frequencies and resistive loads indicated. A deviation of more than 10% from these readings indicates a reactive load presented to the transmitter, causing improper tuning. When the loading control is advanced from the minimum position to obtain loading, the final plate tuning control should NOT have to be retuned more than