NOTES

1. Resistor values in ohms and capacitor values in MMF unless otherwise specified. K = 1000.
2. Resistors are ½ watt and 10% unless otherwise specified.
3. Band Selector switch S1 shown in ".538-1.58 MC" position (fully counterclockwise). Switch sections are shown as viewed from rear of set.
4. Selectivity switch S2 shown in "5 KC" position (fully counterclockwise). Switch sections are shown as viewed from front of set.
5. Response switch S3 shown in "Lower Sideband" position. Section S3B is open in the "Power Off" position and closed in all other positions.
6. See Fig. 11 for location of all switch sections.
7. Values and tolerances are nominal and variations may be found. It is recommended that the value of any replacement correspond to the nominal value of the part being replaced.

⏚ Chassis

VOLTAGES

Voltage readings taken under the following conditions:

1. Line voltage—117 volts, 60 cycles AC.
2. Antenna terminals shorted, Sensitivity at "10", Receive-Standby at "Receive", AM/CW-SSB switch at "AM", AVC at "On", Noise Limiter at "Off", Response at "Lower Sideband", and Selectivity at "5 KC".
3. All voltages measured between tube socket terminals and chassis unless otherwise specified. See Fig. 11 for location of tubes.
4. All voltages are DC and positive unless otherwise specified. DC voltages measured with VTVM; AC voltages with 1000 ohms-per-volt meter.
5. Voltages shown for V12 are with Response control at "Lower Sideband". In the "Upper Sideband", "Treble Cut", and "Normal" positions, the voltages of the two triode sections are reversed. The grid voltage will vary with crystal activity.
6. Voltages for pins 2 and 3 of V8 are taken with AM/CW-SSB switch at "CW-SSB".

◉ Voltage varies with setting of tuning gang.

MARK 1A SETS

V-10 Voltage Regulator is VR150/OD3
R37—3000 ohms

MARK 1B SETS

V-10 Voltage Regulator is OA2
R37—4500 ohms

▲"S" METER ZERO ADJUSTMENT

Alternate values of resistance were used in some receivers for R-17 ("S" meter zero adjustment) and R-18 (The associated current limiting resistor). The alternate values were as follows:

SYMBOL	VALUE	HALLICRAFTERS PART NUMBER
R-17	200 ohms	25B714
R-18	56 ohms	23X20X560K

Either the alternate values or the original values as shown in your service parts list may be used for replacement. It is important however that if one of the alternate values is used the other must also be used.