



1. ALL RESISTOR VALUES IN OHMS UNLESS OTHERWISE SPECIFIED.
2. ALL CAPACITOR VALUES IN MICROFARADS UNLESS OTHERWISE SPECIFIED.
3. VOLTAGES TAKEN USING 10 Ma INPUT VTVM, MEASURED WITH RESPECT TO CHASSIS GROUND, EXCEPT Q7 AND Q8 VOLTAGES ARE MEASURED WITH RESPECT TO THE JUNCTION OF C21, R21. RECEIVER - NO SQUELCH (CONTROL FULL LEFT). NO SIGNAL. TRANSMITTER - 50 OHM LOAD CONNECTED TO J2. KEYED. NO MODULATION.
4. SWITCH S1A IS SHOWN IN THE OUT POSITION. THIS IS THE NORMAL RECEIVE POSITION.
5. SWITCHES SIC/H ARE SHOWN IN THE OUT POSITION. THIS IS THE POWER ON POSITION WITH NO CHANNEL SELECTED.
6. □ SQUELCHED CONDITION VOLTAGE READING.
7. ○ = RF VOLTAGE READINGS TAKEN WITH BOONTON 91C RF VOLTMETER (100:1 PROBE), UNMODULATED 3.7 WATT RF POWER OUTPUT.

MESSENGER 121 SCHEMATIC DIAGRAM
(FOR UNITS WITH "D" OR LATER MODEL DESIGNATOR
ON SERIAL NUMBER STICKER)

