



1. RESISTANCE VALUES GIVEN IN OHMS UNLESS OTHERWISE SPECIFIED.
2. CAPACITANCE VALUES GIVEN IN MICROFARADS UNLESS OTHERWISE SPECIFIED.
3. VOLTAGES ARE MEASURED USING B+ COMMON POINT ON PRINTED BOARD, SQUELCH AT MINIMUM (CCW), VOLUME AT MAXIMUM (CW), 50 OHM DUMMY LOAD CONNECTED TO J1, POWER SUPPLY 13.8 V. ALL VOLTAGES MEASURED WITH HP410C.
4. P INPUT =  $V_{CE} I_c = 12.3 \times .405 = 5 \text{ WATTS MAX.}$
5. \* VALUES ARE FACTORY ADJUSTABLE.
6. SEE SERVICE MANUAL FOR POLARITY REVERSAL.

**MESSENGER 300**  
 Part No. 242-0149-xxx, Schematic Diagram  
 ( For units without serial number stickers )