

ALL RESISTOR VALUES NO OHMS $\pm 20\%$ 1/2W
ALL CAPACITOR VALUES OF 1.0 AND BELOW ARE IN $\mu\text{F} \pm 20\%$
ALL CAPACITOR VALUES OF 1.0 AND ABOVE ARE IN $\mu\text{MFD} \pm 20\%$
(UNLESS OTHERWISE INDICATED)
1- FREQUENCY $\rightarrow 5825 \text{ KC}$
TUNING RANGE $540 \text{ KC} \rightarrow 1600 \text{ KC}$
K $\rightarrow 1000 \text{ OHMS}$
NC - NORMALLY CLOSED RELAY CONTACT
NO - NORMALLY OPEN RELAY CONTACT

VOLTAGE MEASUREMENTS

- 1- VOLTAGES IN PARENTHESIS MEASURED WITH VTVM $\oplus$ 1MEG ISOLATION
- 2- ALL OTHER VOLTAGES MEASURED WITH 20,000 Ω VOLTMETER
- 3- ALL VOLTAGES MEASURED WITH RESPECT TO CHASSIS
- 4- ALL VOLTAGES MEASURED WITH $+14 \text{ VDC INP}$; WITH NEGATIVE GROUND

RESISTANCE MEASUREMENTS

- 1- BATTERY LEAD REMOVED FROM SET
- 2- NEGATIVE OHMMETER LEAD ON CHASSIS GROUND
- 3- TONE SWITCH AND VOLUME CONTROL IN FULL CLOCKWISE POSITION
- 4- VALUES SHOULD NOT VARY MORE THAN 20%

TEST CONDITIONS

SHOWN AT TOP OF PAGE ARE BOTTOM VIEWS. VOLTAGES TO GROUND ARE
SOCKETS ABOVE LINES, AND RESISTANCES TO GROUND BELOW LINES

DUMMY ANTENNA

50 μF SERIES AND 50 μF SHUNT AT ANTENNA SOCKET, 0.1 μF
SERIES TO CONTROL GRIDS FOR GAIN MEASUREMENTS

TRANSISTOR

DO NOT OPERATE SET WITH SPEAKER DISCONNECTED
WHEN SOLDERING DISCONNECT FROM POWER SOURCE
USE BATTERY OPERATED INSTRUMENT WHEN MAKING MEASUREMENTS