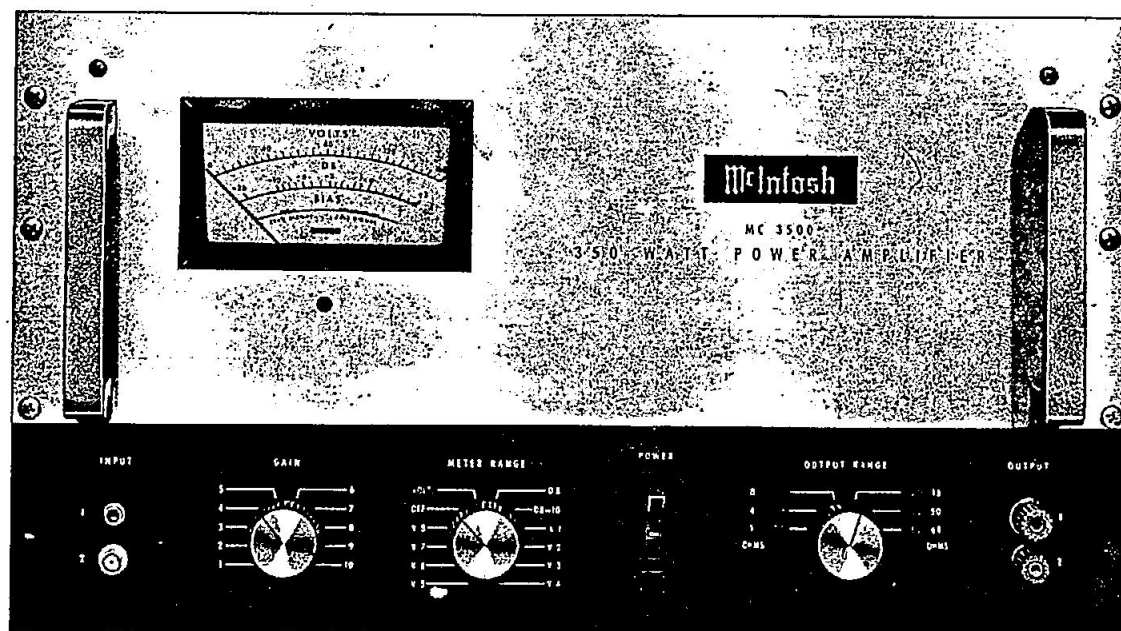


McIntosh

MC 3500



SERVICE INFORMATION

STARTING WITH SERIAL NO. 10N01

McINTOSH LABORATORY INC. 2 CHAMBERS STREET BINGHAMTON, NEW YORK

MC 3500

Unless otherwise specified, resistance values are in ohms, 1/2 watts, and 10% tolerance. Capacitance values smaller than 1 are in microfarads (μF); values greater than 1 are in picofarads (pF). Inductors unless otherwise specified are in microhenries (μH).

The terminal numbering of rotary switches and printed circuit board wires is for reference only.

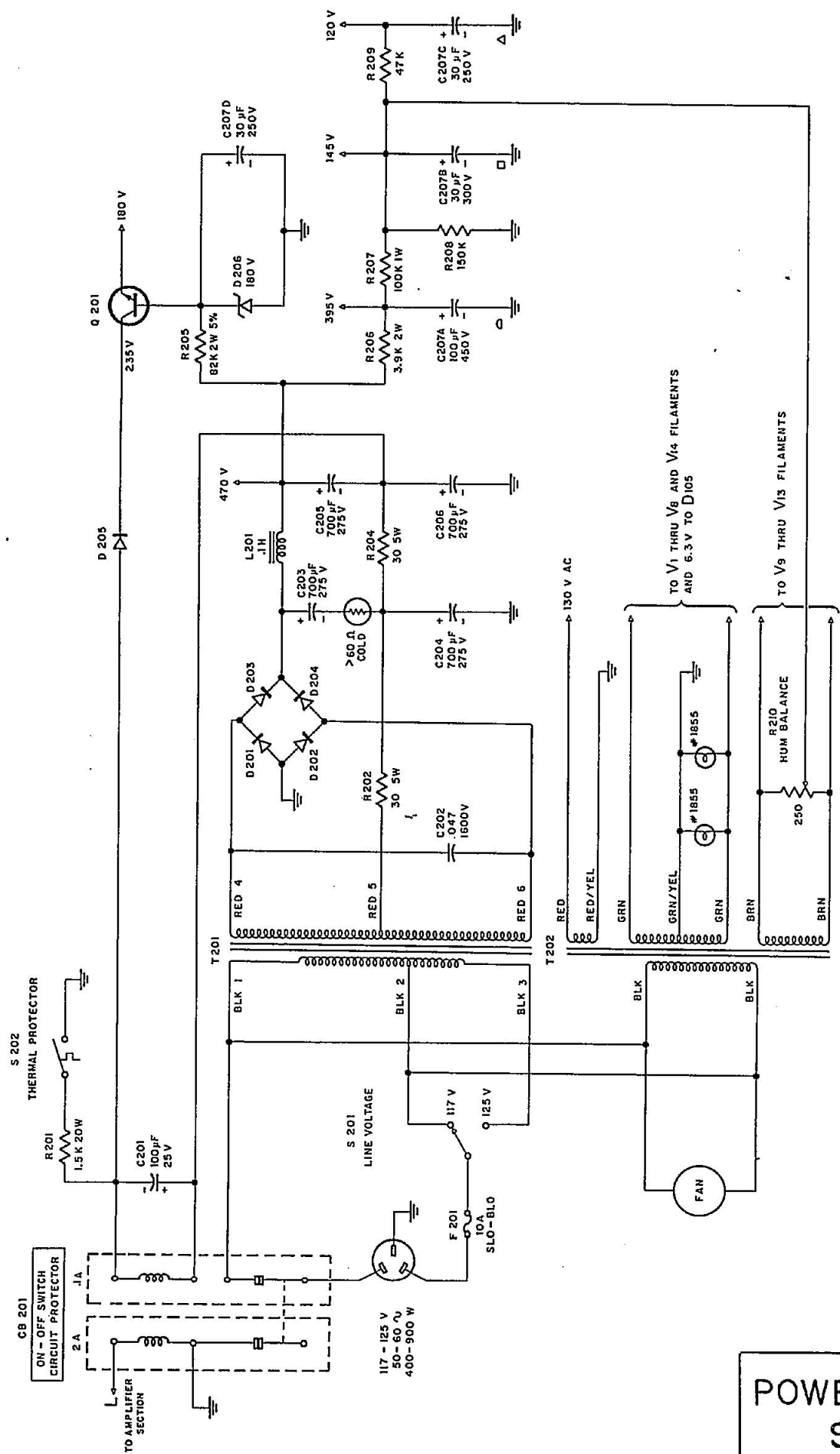
All voltages are measured under the following conditions:

1. Use of an 11 megohm input impedance VTVM voltmeter.
2. All voltages $\pm 10\%$ with respect to chassis ground.
3. No signal at input terminals.
4. AC input at 117 volts, 50/60 cycles.
5. Front panel controls at:

gain	fully counterclockwise
meter range	off
power	on
output range	fully counterclockwise

ELECTRICAL SPECIFICATIONS

POWER OUTPUT	350 watts continuous
FREQUENCY RESPONSE	20Hz to 20kHz +0, -0.5dB at 350 watts output. 1Hz to 70kHz +0, -3dB at 1 watt output.
HARMONIC DISTORTION	Less than 0.15% at rated output or less, 20Hz to 20kHz.
INTERMODULATION DISTORTION	Less than 0.15%
NOISE AND HUM LEVEL	-95dB
INPUT LEVEL	1.1 volt
OUTPUT IMPEDANCE	1, 4, 8, 16, 50, and 64 ohms.
OUTPUT VOLTAGES	17.3, 35.8, 53, 75, 132, 150 volts.
AC POWER INPUT	117/125 volts, 50/60Hz, 400-900 watts.



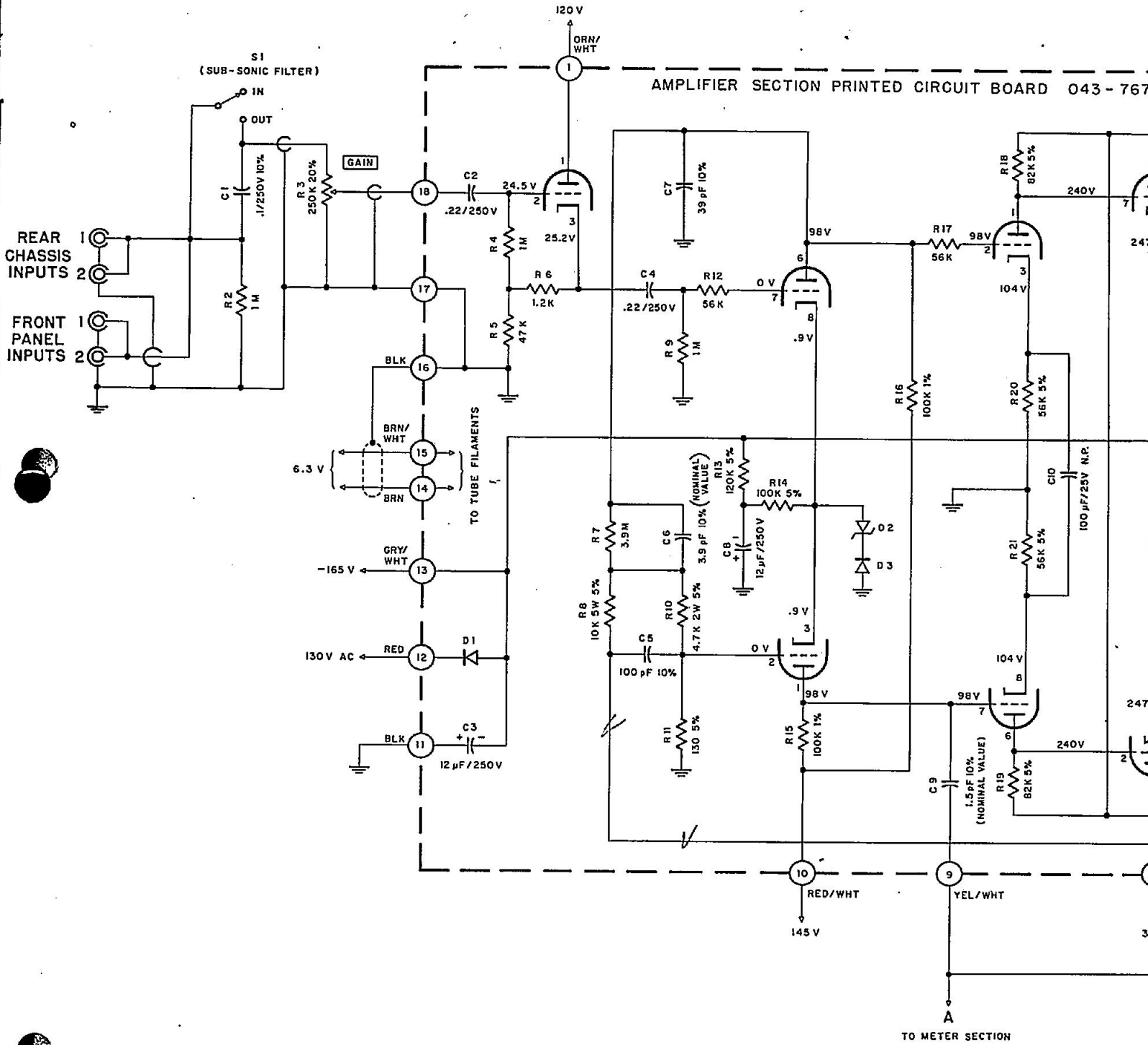
POWER SUPPLY SECTION

V9
12AX7/ECC83

V10
12AX7/ECC83

VII
6DJ8/ECC88 6CG7

AMPLIFIER SECTION PRINTED CIRCUIT BOARD 043-767



TO METER SECTION

12
/6FQ7

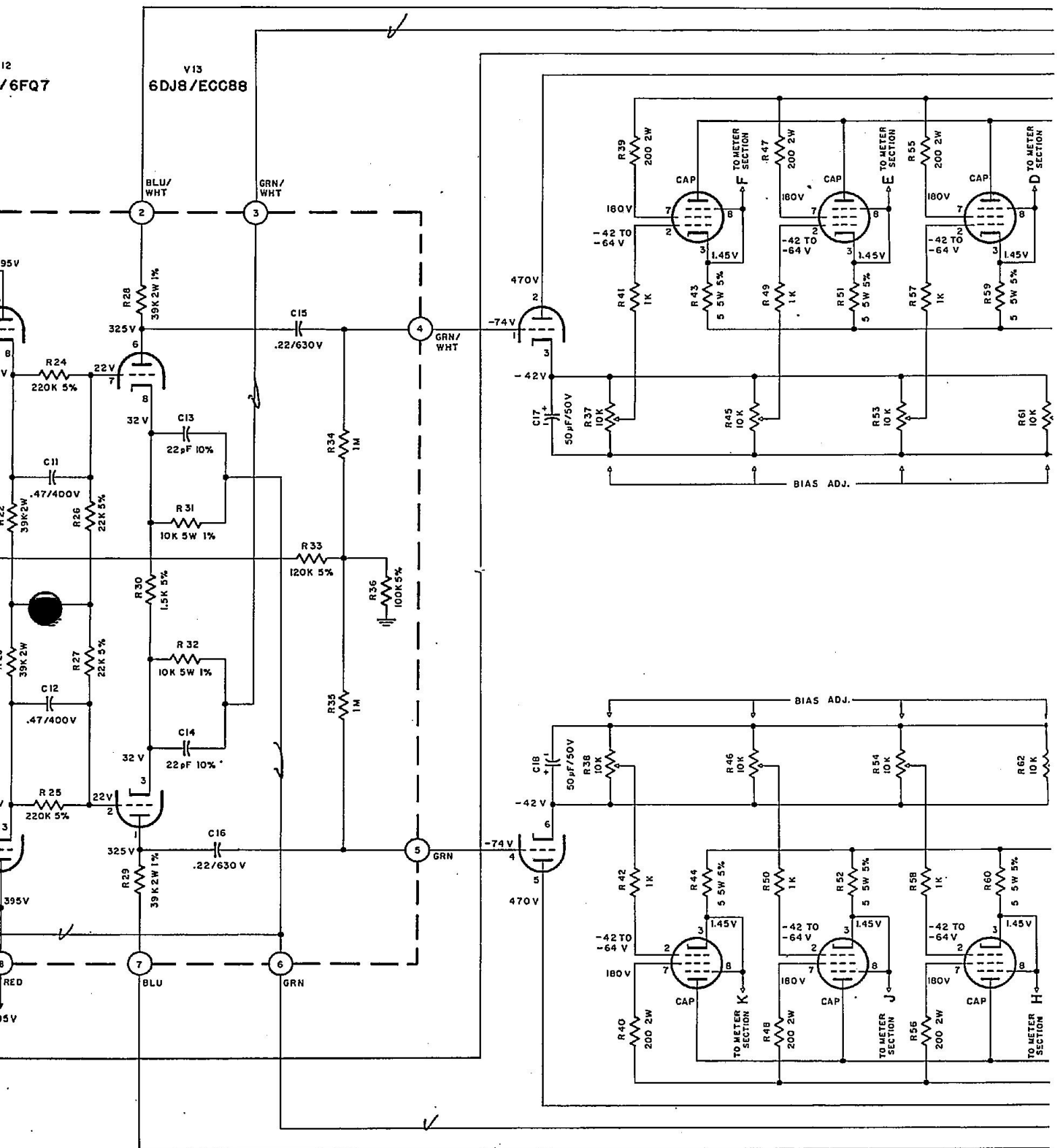
V14
6BL7GTA

V5
6LQ6/6JE6B

V6
6LQ6/6JE6B

V7
6LQ6/6JE6B

V13
6DJ8/ECC88

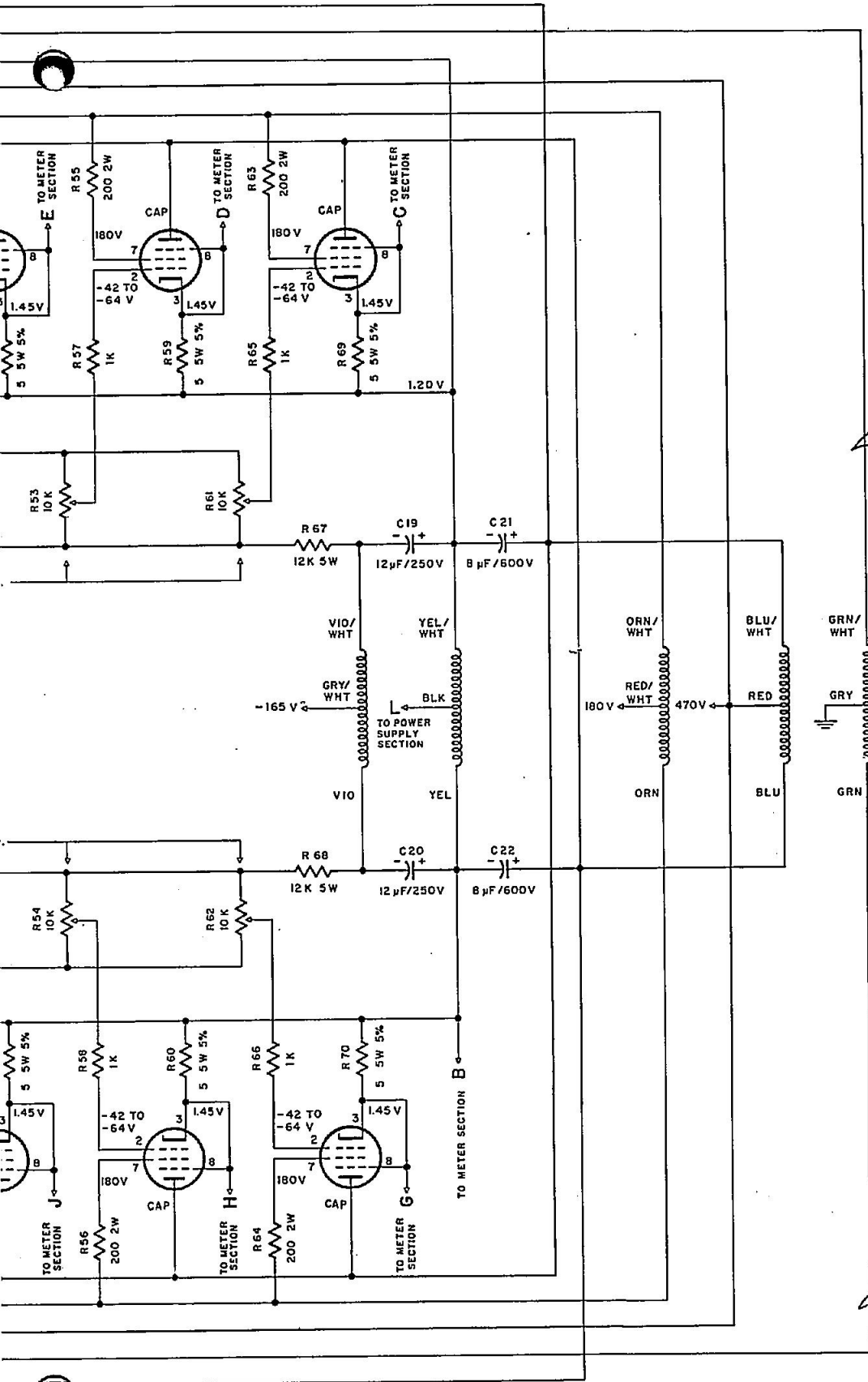


V1
6LQ6/6JE6B

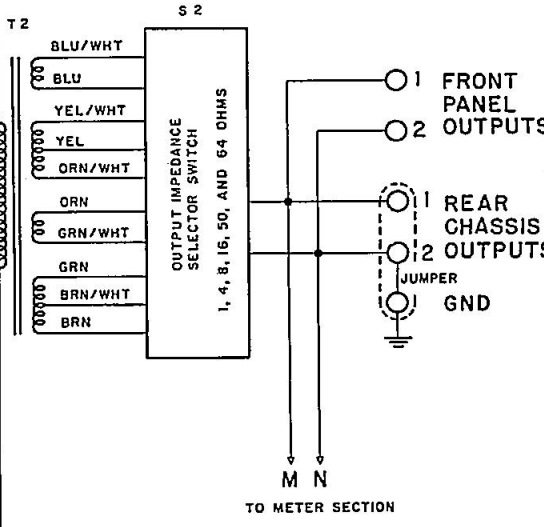
V2
6LQ6/6JE6B

V3
6LQ6/6JE6B

6JE6B V7 6LQ6/6JE6B 6LQ6/6JE6B



6JE6B V3 6LQ6/6JE6B 6LQ6/6JE6B



AMPLIFIER SECTION
 MC 3500 154 - 273