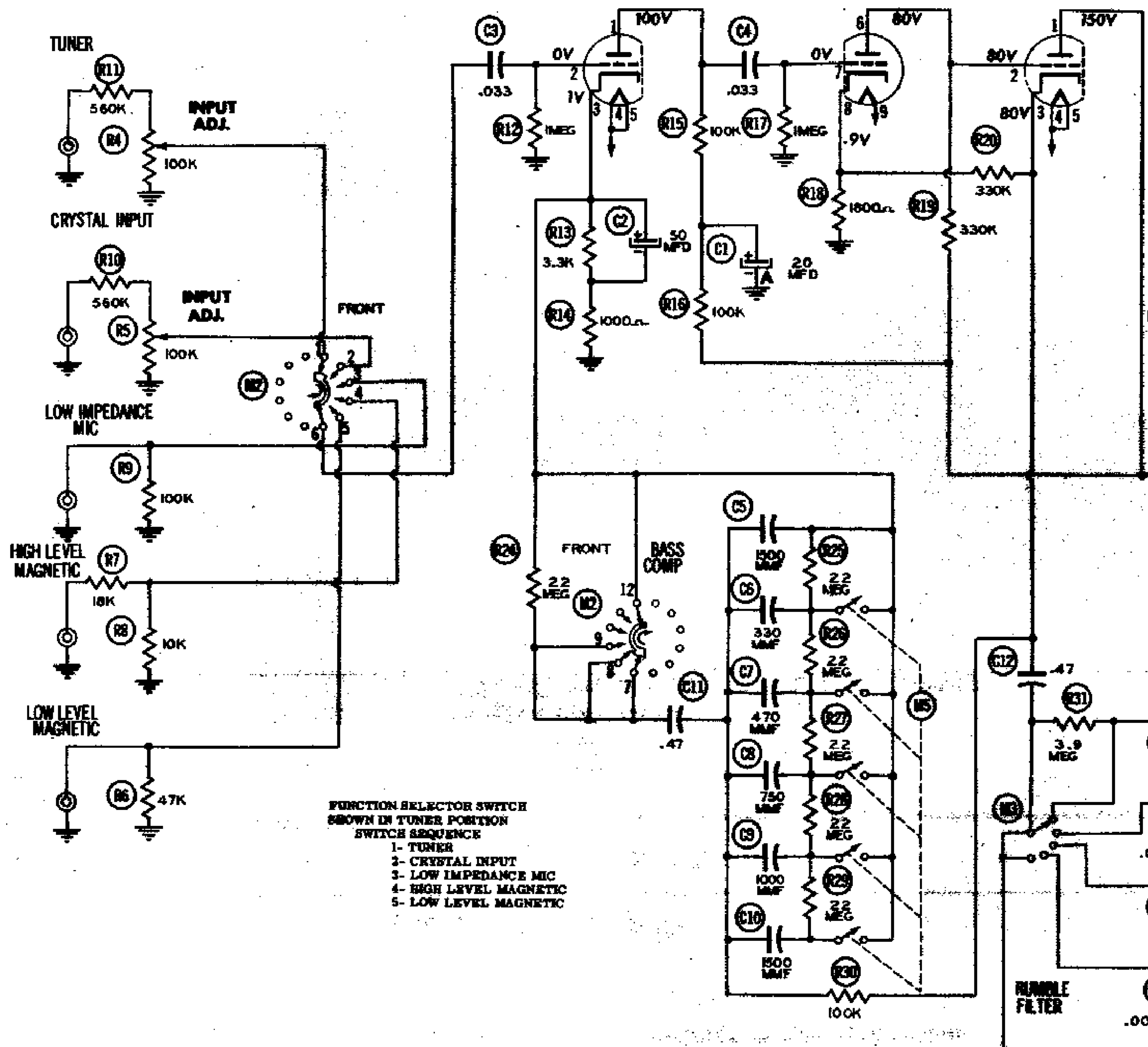


AF AMP  
V1 12AX7

AF AMP  
V1 12AX7

CATHODE FOLLOWER  
V2 12AX7



THE COOPERATION OF THE MANUFACTURER OF THIS EQUIPMENT MAKES IT POSSIBLE TO BRING YOU THIS SERVICE

### RESISTANCE READINGS

| Item | Tube  | Pin 1  | Pin 2  | Pin 3 | Pin 4 | Pin 5 | Pin 6  |
|------|-------|--------|--------|-------|-------|-------|--------|
| V 1  | 12AX7 | †310KΩ | 1Meg   | 4.3KΩ | ■2Ω   | 2Ω    | †440KΩ |
| V 2  | 12AX7 | †110KΩ | †440KΩ | 330KΩ | ■2Ω   | 2Ω    | †110KΩ |
| V 3  | 12AX7 | †440KΩ | 10KΩ   | 1.8KΩ | ■2Ω   | 2Ω    | †10KΩ  |

VOLTAGE MEASUREMENTS MADE USING 350VDC SOURCE FOR  
 ■ MEASURED FROM PIN 7 OF OUTPUT PLUG  
 † MEASURED FROM PIN 4 OF OUTPUT PLUG



AF AMP

CATHODE FOLLOWER

CATHODE FOLLOWER

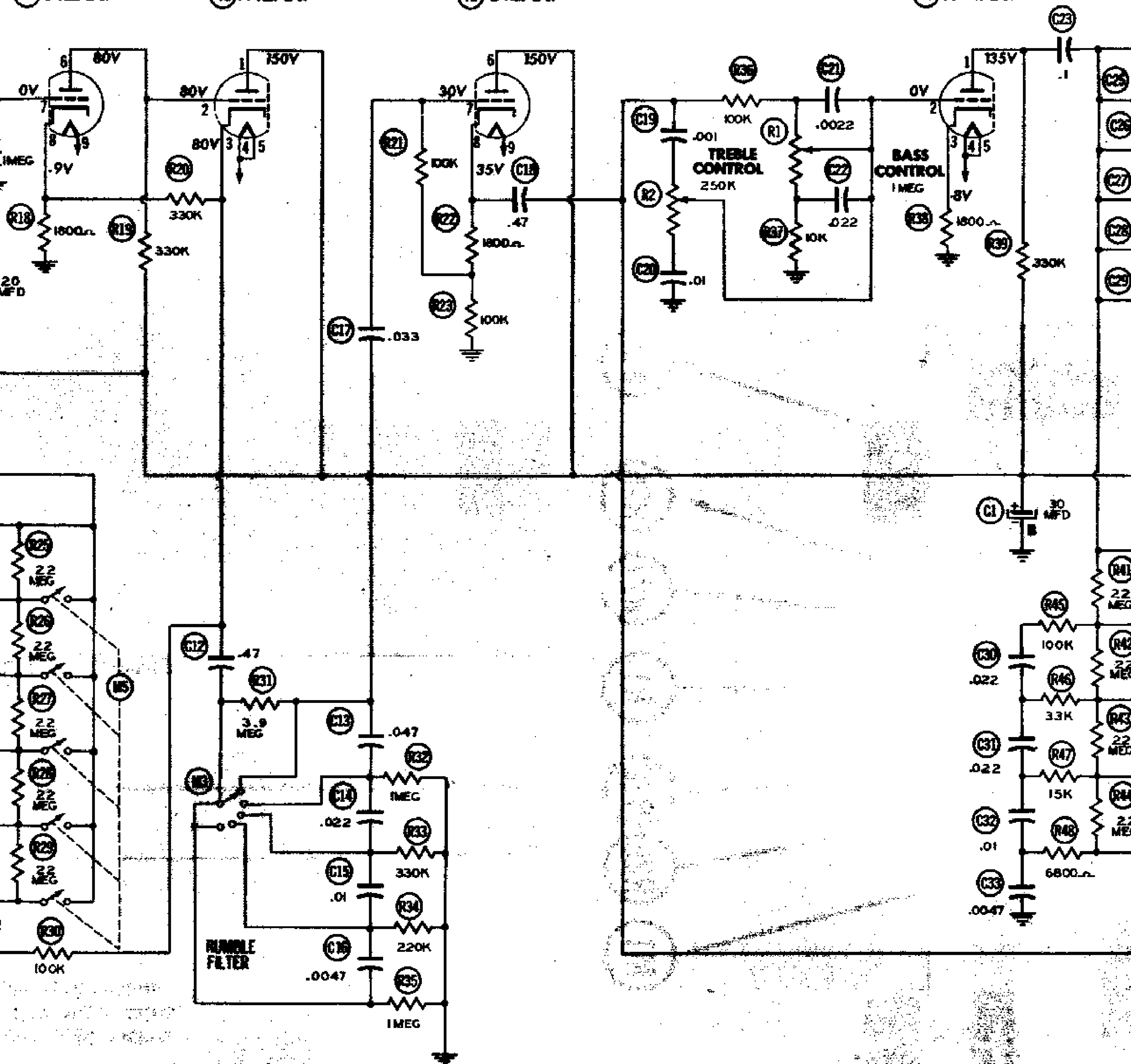
AF AMP

V1 612AX7

V2 A 12AX7

V2 B 12AX7

V3 A 12AX7



## STANCE READINGS

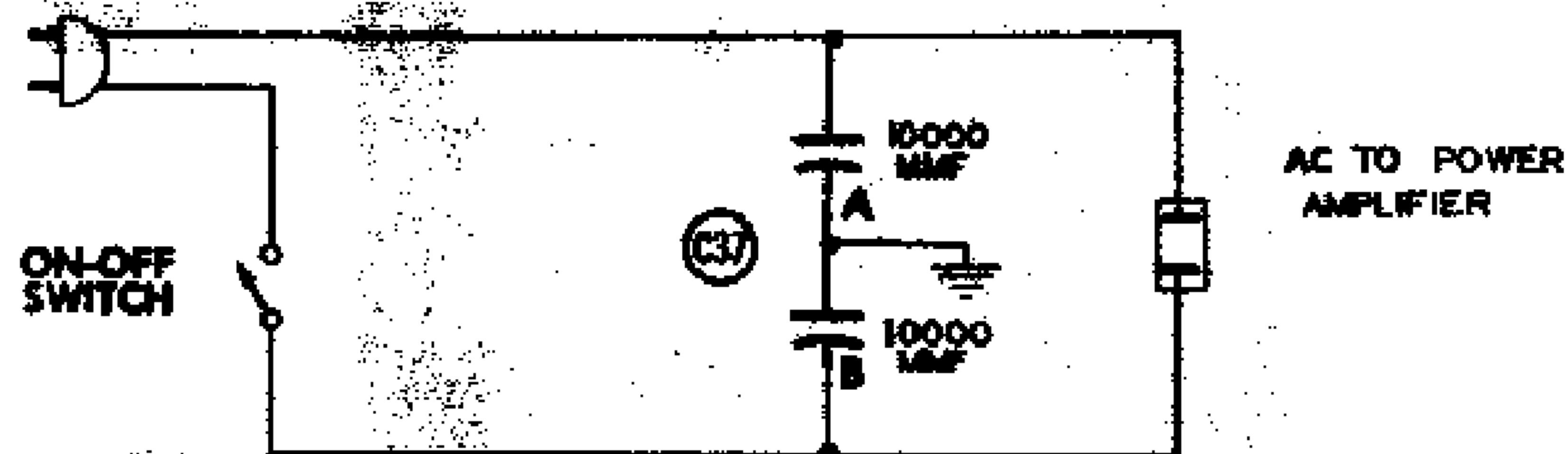
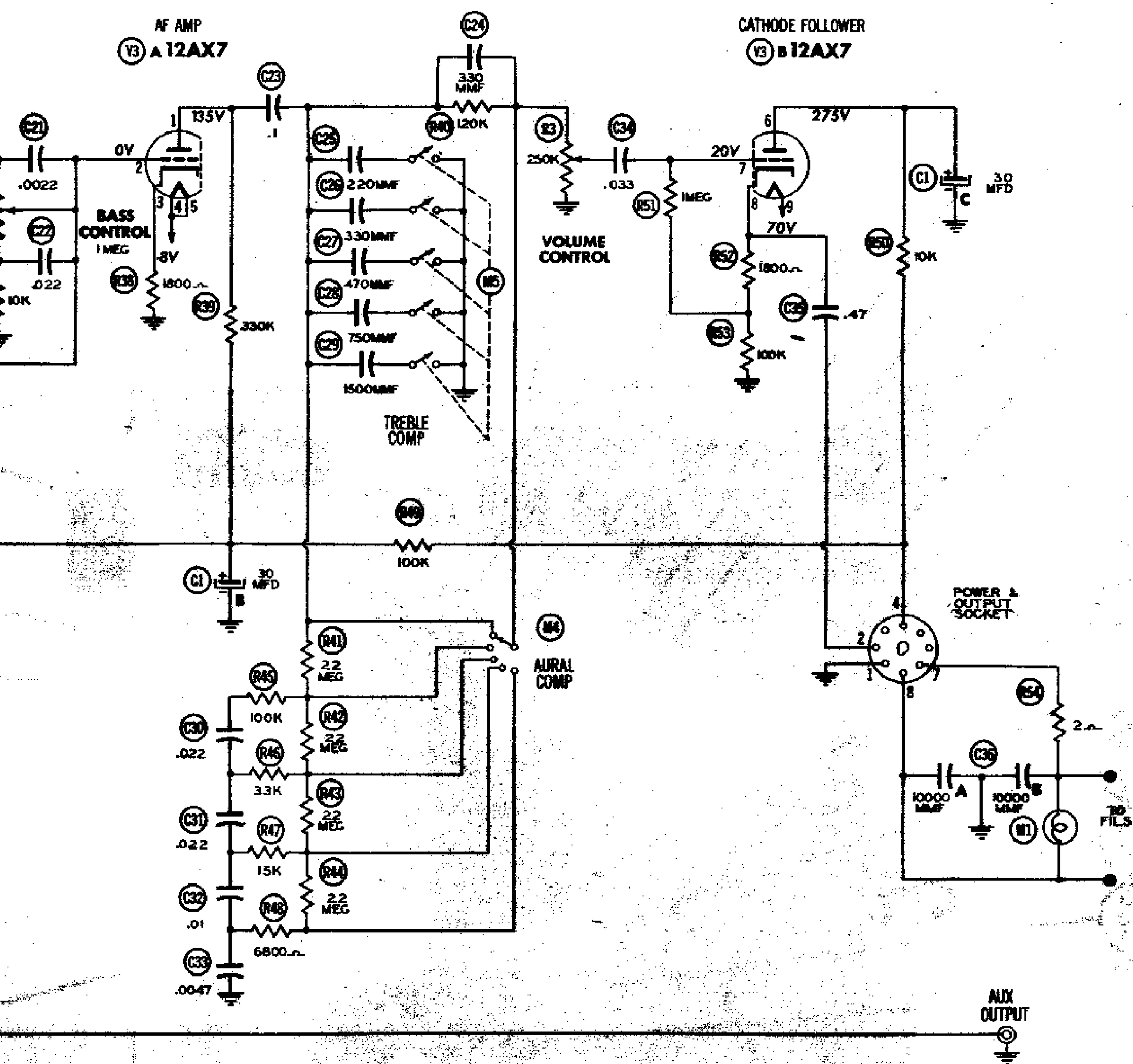
| 3 | Pin 4 | Pin 5 | Pin 6  | Pin 7 | Pin 8 | Pin 9 |
|---|-------|-------|--------|-------|-------|-------|
| Ω | 20Ω   | 20Ω   | ↑440KΩ | 1Meg  | 1.8KΩ | 20Ω   |
| Ω | 20Ω   | 20Ω   | ↑110KΩ | 200KΩ | 100KΩ | 20Ω   |
| Ω | 20Ω   | 20Ω   | ↑10KΩ  | 100KΩ | 100KΩ | 20Ω   |

MADE USING 350VDC SOURCE FOR B+

OF OUTPUT PLUG  
OF OUTPUT PLUG

1. DC voltage measurements taken with vacuum tube voltmeter.
2. AC voltages measured at 1000 ohms per volt.
3. Socket connections are shown as bottom views.
4. Measured values are from socket pin to common supply.
5. Line voltage maintained at 117 volts for voltage readings.
6. Nominal tolerance on component values makes possible variation of + 10% in voltage and resistance readings.
7. All controls at minimum, proper output load connected.





1. DC voltage measurements taken with vacuum tube voltmeter; AC voltages measured at 1000 ohms per volt.
2. Socket connections are shown as bottom views.
3. Measured values are from socket pin to common negative.
4. Line voltage maintained at 117 volts for voltage readings.
5. Nominal tolerance on component values makes possible a variation of  $\pm 15\%$  in voltage and resistance readings.
6. All controls at minimum, proper output load connected.