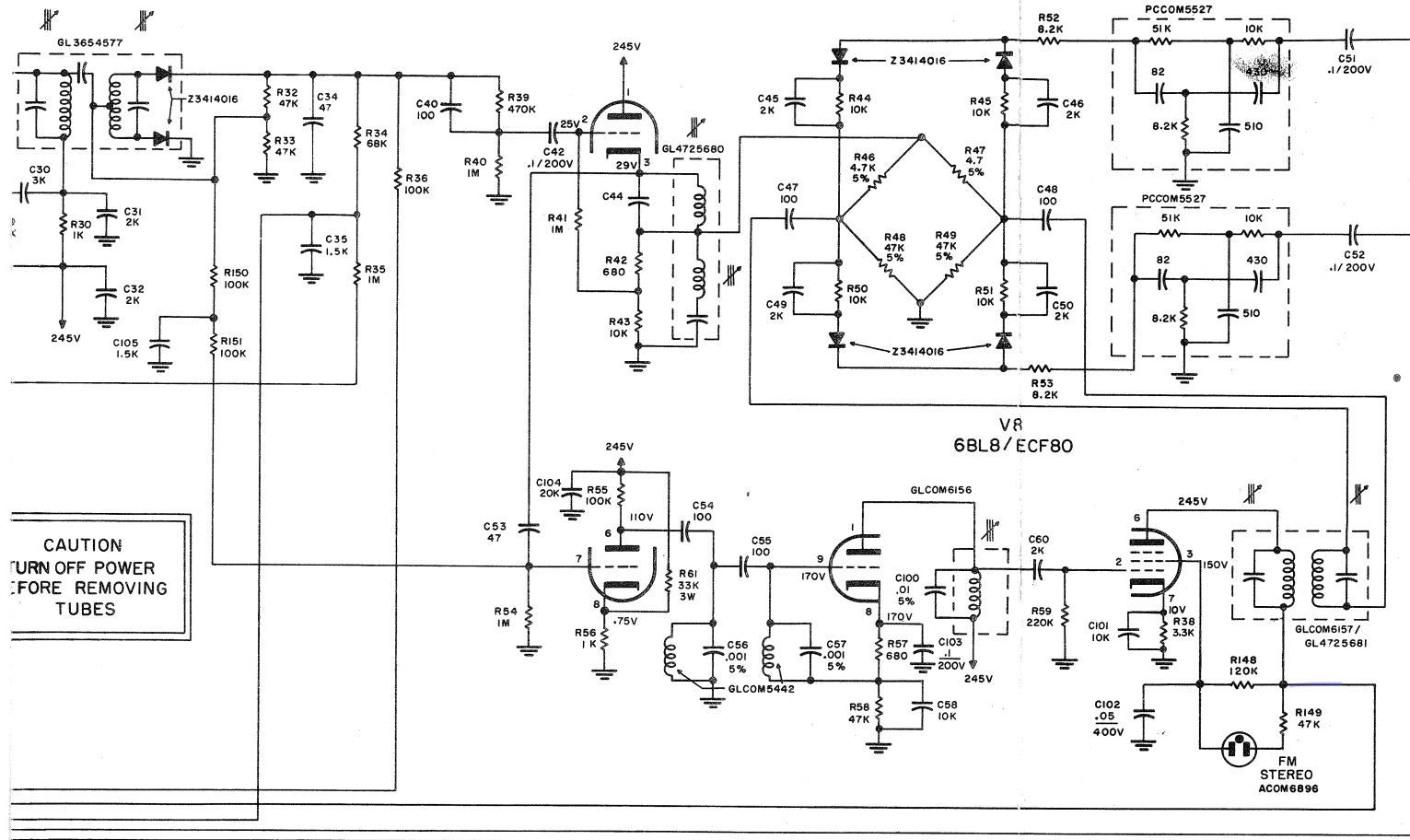


V7  
12AX7/ECC83



TUBE	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6	PIN 7	PIN 8	PIN 9
V1 6AQ8	*150K	470K	0	—	—	*11.5K	0	220	—
V2 6BL8	*13.5K	470K	*100K	—	—	*1.5K	0	0	22K
V3 6AJ8	*31K	470K	0	—	—	*3.7K	33K	*48K	33K
V4 6BL8	*13.5K	470K	*71K	—	—	*3.7K	0	1.5K	1M
V5 6EQ7	0	470K	0	—	—	*49K	*2.5K	100K	0
V6 6BN6	220	0.8K	—	—	*23K	3.3K	*2.5K	—	—
V7 12AX7	*1.5K	1M	7.4K	—	—	*101K	1M	1K	—
V8 6BL8	*1.5K	220K	*120K	—	—	*1.5K	3.3K	47K	47K
V9 12AX7	*330K	1M	2.2K	—	—	*580K	480K	2.2K	—
V10 12AX7	*330K	1M	2.2K	—	—	*580K	480K	2.2K	—
V11 12AX7	*280K	68K	2.7K	—	—	*280K	68K	2.7K	—
V12 12AX7	*335K	250K	330	—	—	*335K	250K	330	—
V13 12AU7	*23K	1M	24K	—	—	*23K	1M	24K	—
V14 7335	—	—	*130	—	—	270K	—	*500	—
V15 7335	—	—	*130	—	—	270K	—	*500	—
V16 7335	—	—	*130	—	—	270K	—	*500	—
V17 7335	—	—	*130	—	—	270K	—	*500	—

\* RESISTANCE READINGS MARKED WITH ASTERISK ARE MEASURED FROM THE JUNCTION OF R140 & C94

**VOLTAGE & RESISTANCE READINGS**

FUNCTION SWITCH IN FM STEREO POSITION.  
LOUDNESS CONTROL MAX CCW.  
BLEND CONTROL IN STEREO POSITION.  
BALANCE CONTROL IN CENTER.  
BASS & TREBLE CONTROLS IN FLAT POSITION.  
ALL SLIDE SWITCHES IN NORMAL OR OUT POSITION.

NOTES:

- UNLESS OTHERWISE SPECIFIED—
- 1— ALL RESISTANCE VALUES IN OHMS  $\pm 10\%$ .
- 2— ALL RESISTORS 1/2 WATT.
- 3— ALL RESISTORS WITH DECIMAL VALUES IN MFD.
- 4— ALL CAPACITORS WITHOUT DECIMAL VALUES IN MMF.
- 5— ALL VOLTAGES ARE DC & MAY VARY  $\pm 20\%$ .

\*Grid #1 Factory Settings:  
7355 = -23.5 vdc  
7951 = -16.0 vdc  
Bias based on tube dissipation (90 mA)  
V(dt) = 90mV across 1 ohm R

