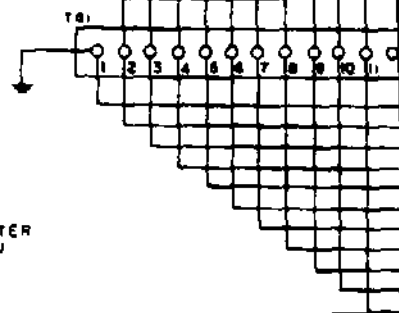
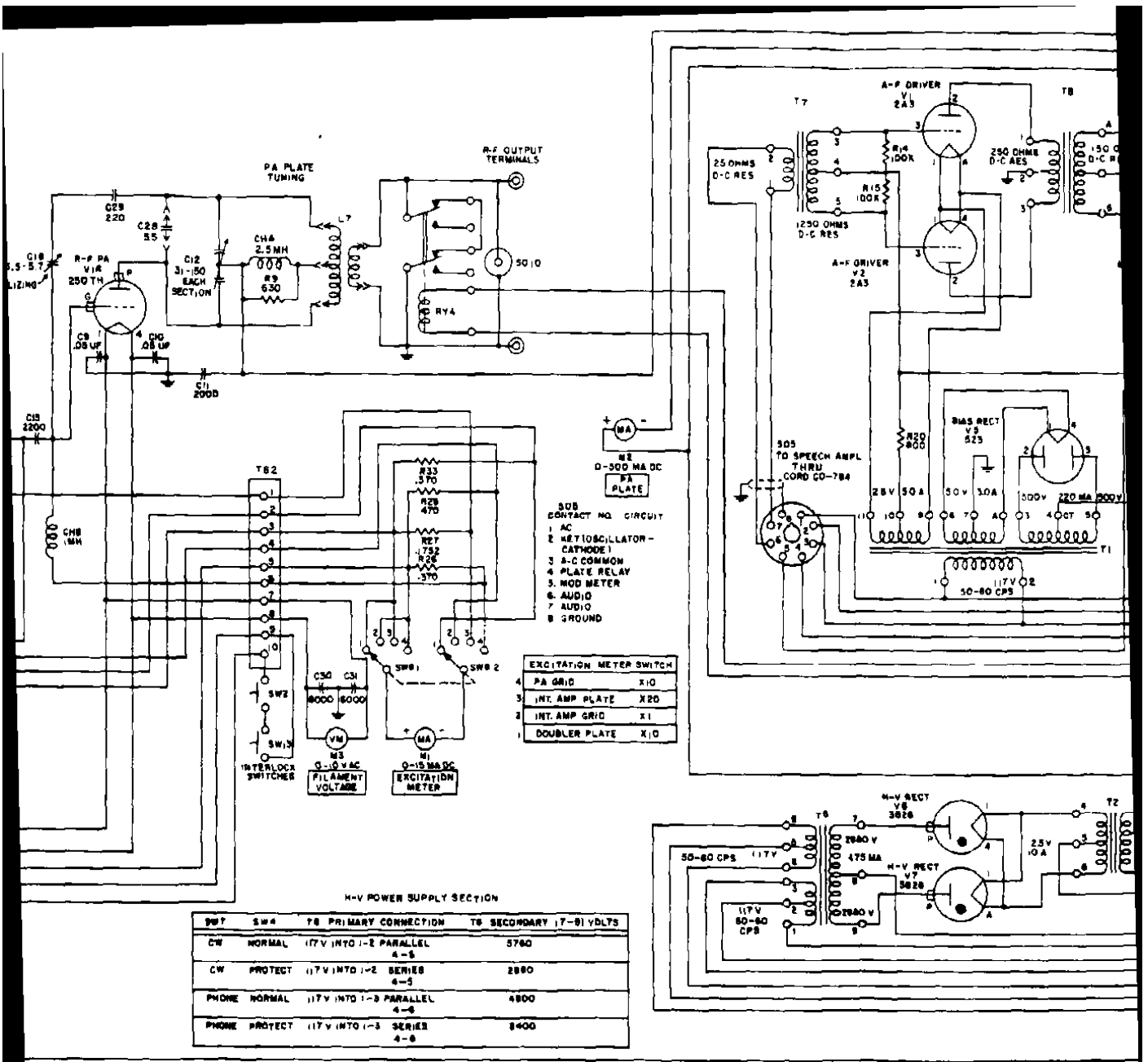


**NOTES**

- 1 UNLESS OTHERWISE SHOWN RESISTORS ARE IN OHMS, CAPACITORS ARE IN UUF
- 2 FOR CONVENTIONAL OPERATION CONNECT JUMPER ON TS15 AS SHOWN FOR REMOTE CONTROL OF T6, REMOVE JUMPER AND CONNECT CORD CX-9117U TO TS15
- 3 THIS DIAGRAM ALSO APPLIES TO THE H MODEL, SERIAL NUMBERS 821 THRU 372 ON ORDER NO 307B PHILA-51
- 4 RESISTOR R38 (2 OHMS) IS ADDED IN SERIES WITH ONE LEAD OF METER M1 ON THE I MODEL TRANSMITTERS WITH SERIAL NUMBERS 1 THRU 300 ON ORDER NO 3131-PHILA-51







H-V POWER SUPPLY SECTION

SW1	SW4	T9 PRIMARY CONNECTION	T9 SECONDARY (7-8) VOLTS
CW	NORMAL	117V INTO 1-2 PARALLEL	5780
CW	PROTECT	117V INTO 1-2 SERIES	2880
PHONE	NORMAL	117V INTO 1-3 PARALLEL	4800
PHONE	PROTECT	117V INTO 1-3 SERIES	2400

Figure 81 Radio Transmitter BC-810-I and Radio Transmitter BC-810-II (series 3078-Phila-51) schematic diagram

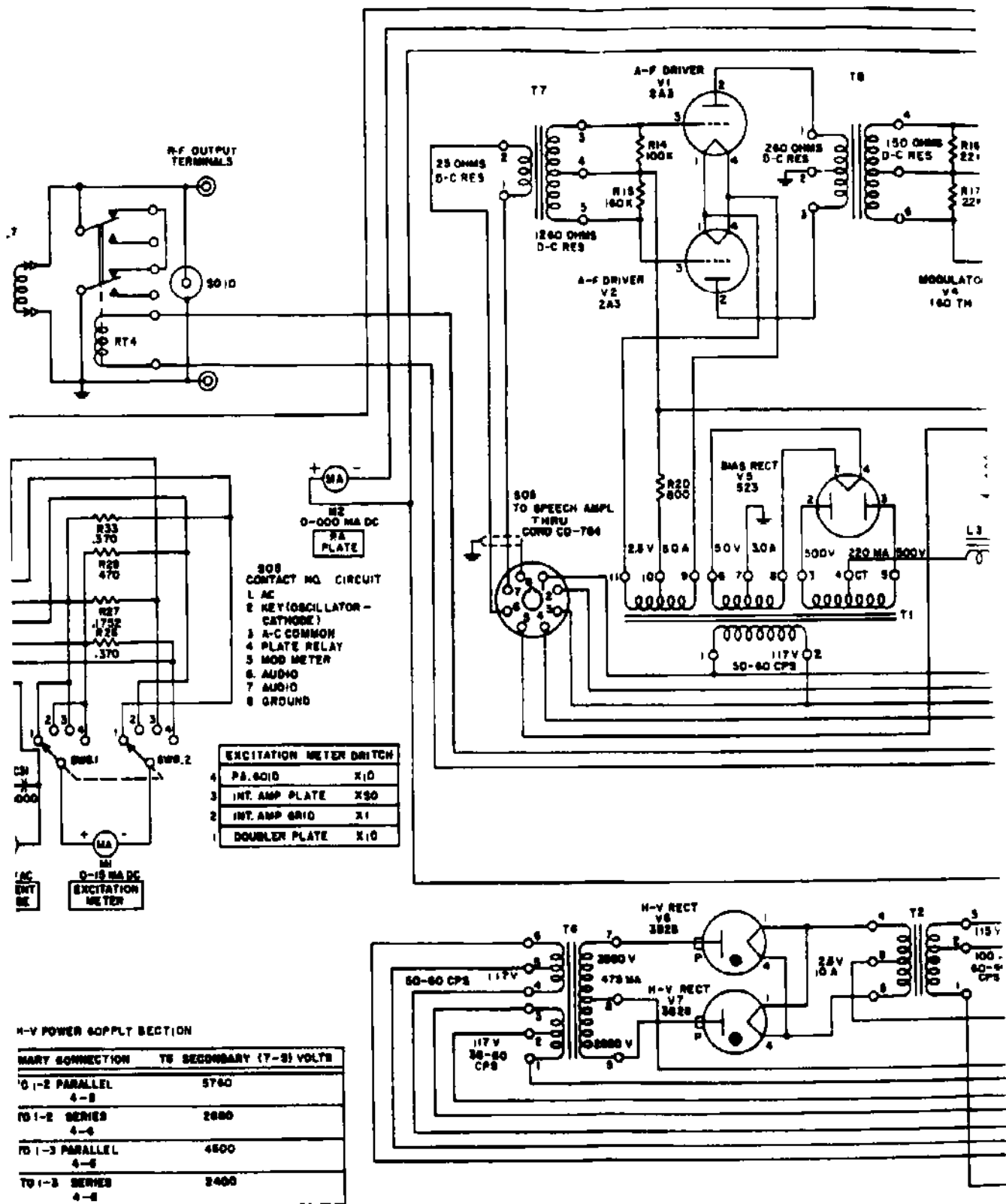
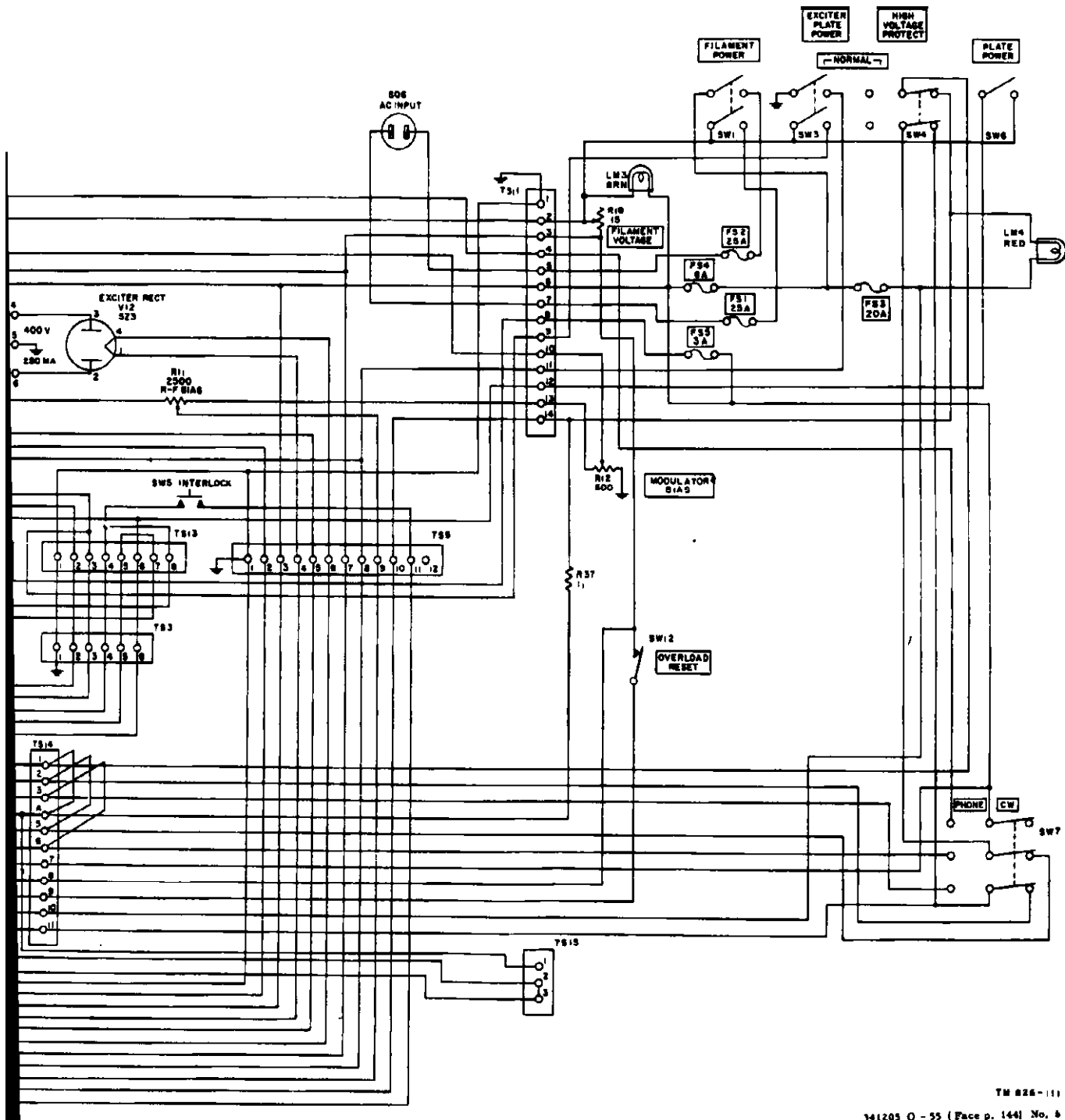
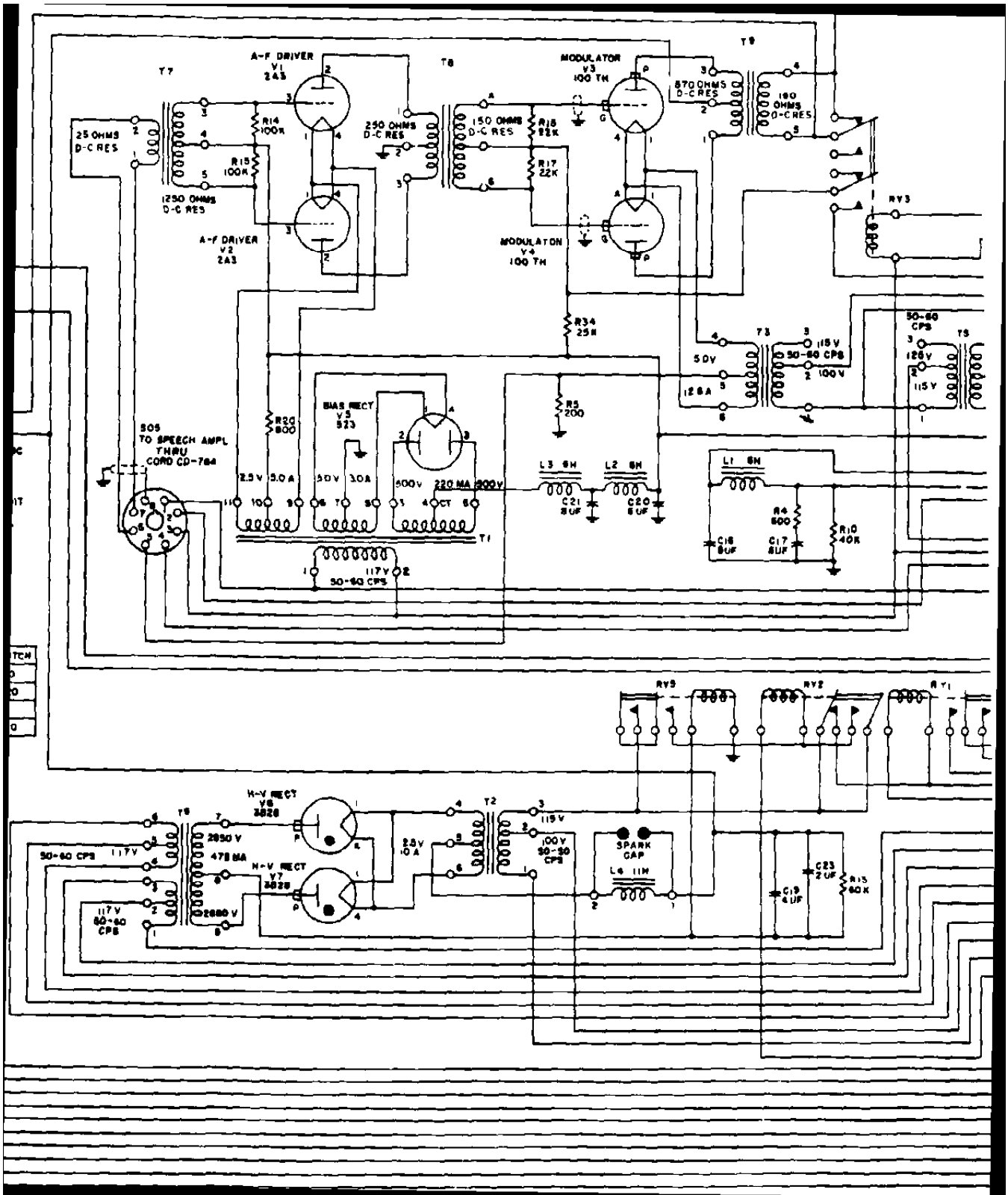
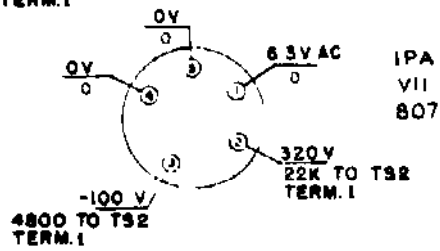
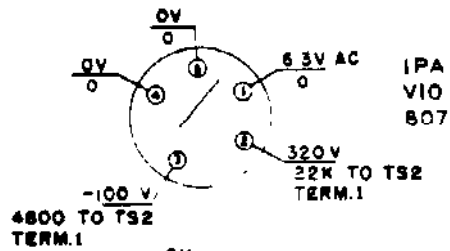
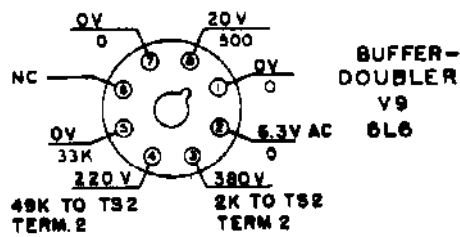
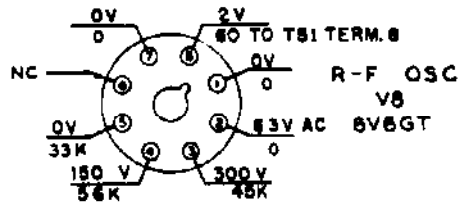


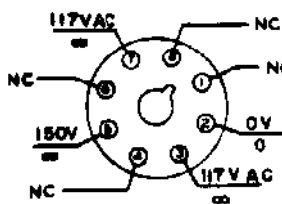
Figure 81. Radio Transmitter BC-810-1 and Radio Transmitter BC-810-H (serial Nos 307R-Ph(1a-51) schematic diagram



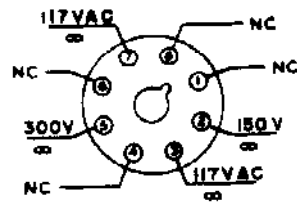




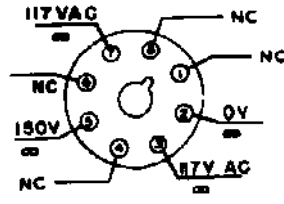
VOLTAGE REG  
V15  
0D3



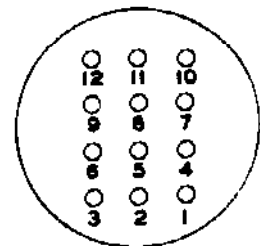
VOLTAGE REG  
V14  
0D3



VOLTAGE REG  
V13  
0D3

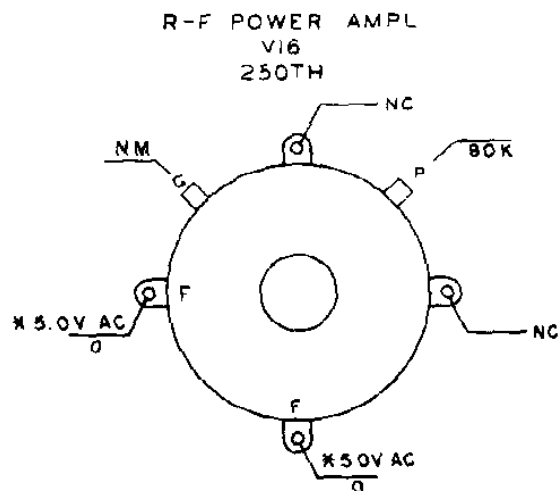


T4



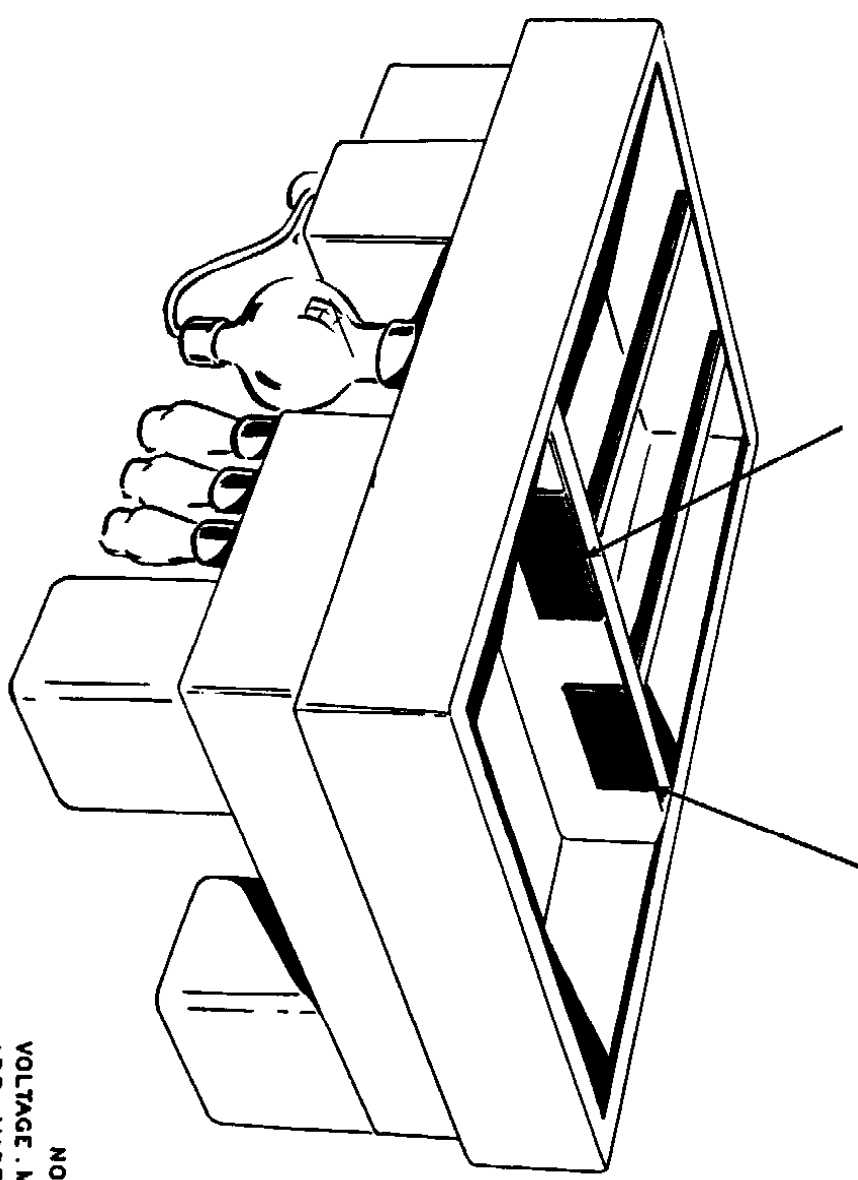
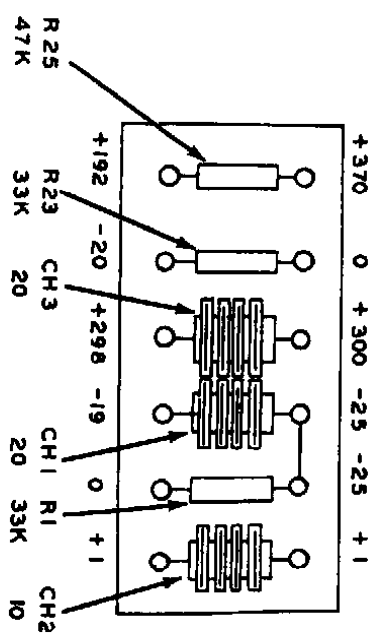
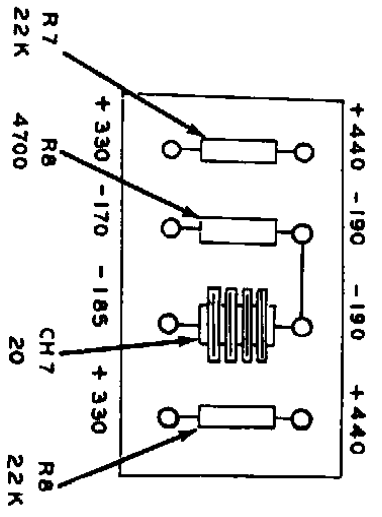
NOTES

- 1 115V A-C INPUT
2. VOLTAGES AND RESISTANCES MEASURED TO GROUND WITH A 20,000 OHM-PER-VOLT METER, USE HIGHER METER RANGES TO PREVENT CIRCUIT LOADING.
3. NC INDICATES NO CONNECTION.
- 4 \* INDICATE MEASUREMENT ACROSS FILAMENT.
5. NM INDICATES NOT MEASURED.
- 6 REFER TO TROUBLE SHOOTING SECTION IN TEXT BEFORE TAKING HIGH VOLTAGE MEASUREMENTS.
- 7 DO NOT MAKE RESISTANCE MEASUREMENTS WITH AC LINE CONNECTED
- 8 DISCHARGE STORED VOLTAGES BY SHORTING CHECK POINTS TO CHASSIS BEFORE ATTEMPTING RESISTANCE MEASUREMENTS.
9. FINAL TANK COIL L7 AND TUNING UNITS INSERTED.









NOTE:  
 VOLTAGE MEASUREMENTS  
 ARE MADE TO CHASSIS  
 WITH A VTVM.

Figure 61 - Resistor bank resistor and connector bank voltages and resistances