

GROUP ASSEMBLY PARTS LIST

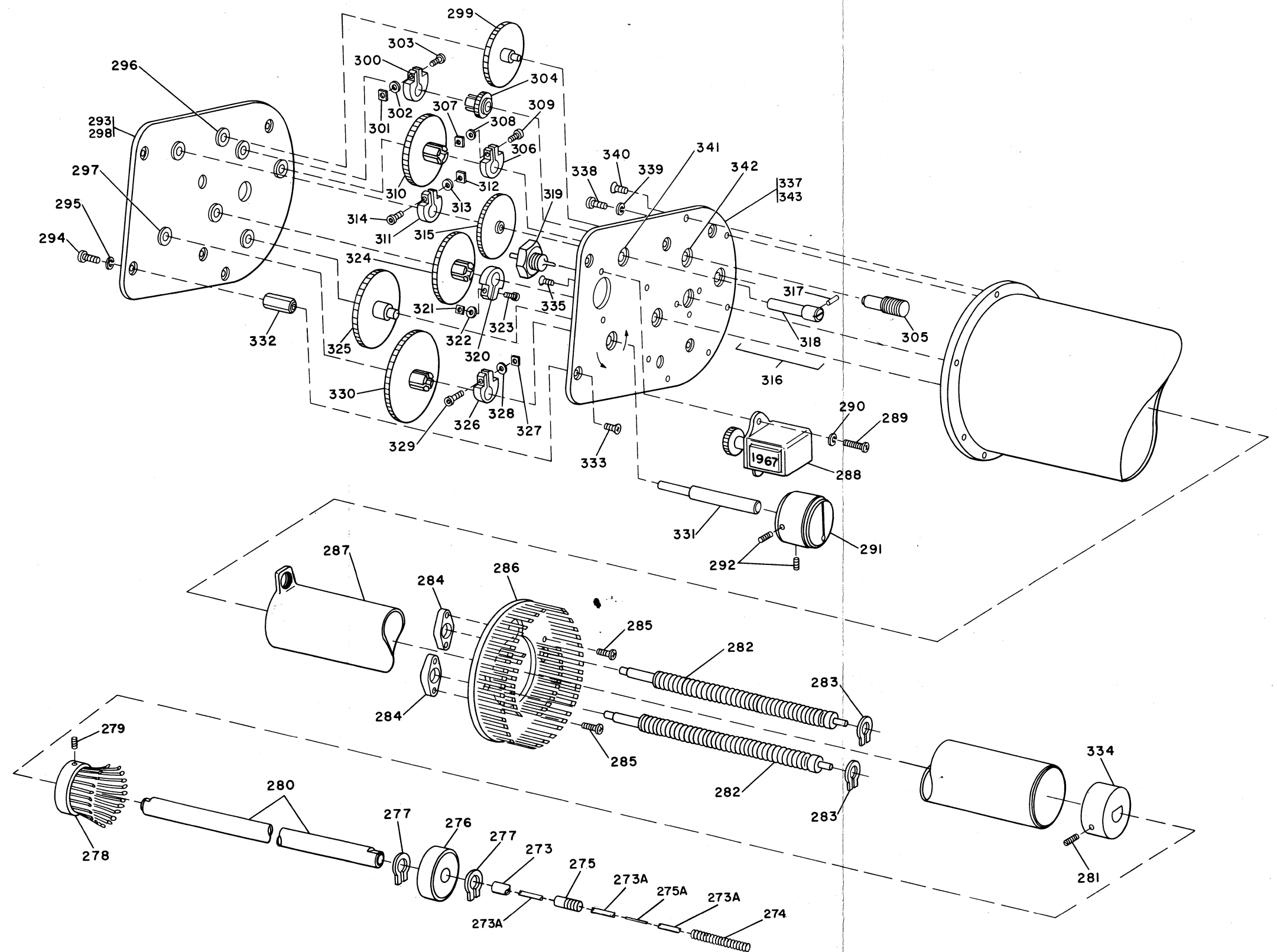


Figure 6-5. PA Tuned Cavity (Sheet 3 of 3)

GROUP ASSEMBLY PARTS LIST

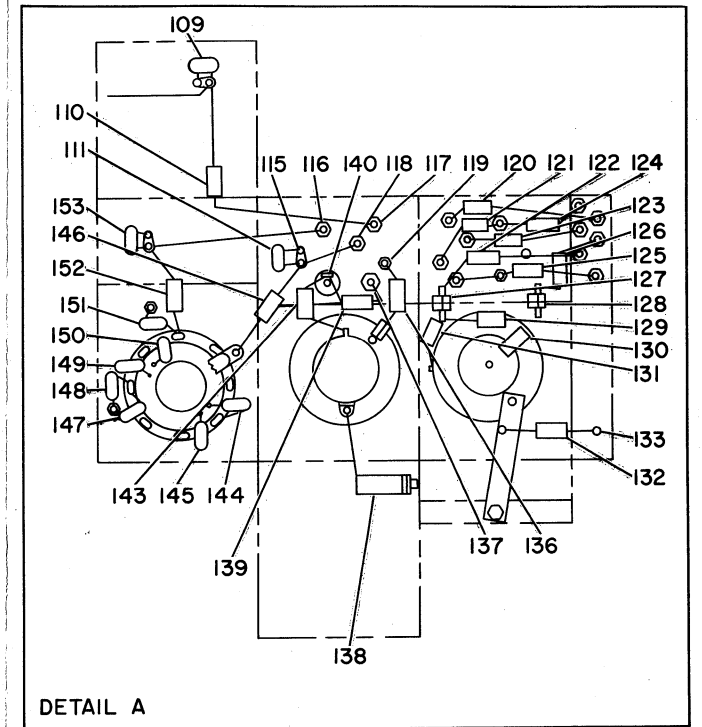
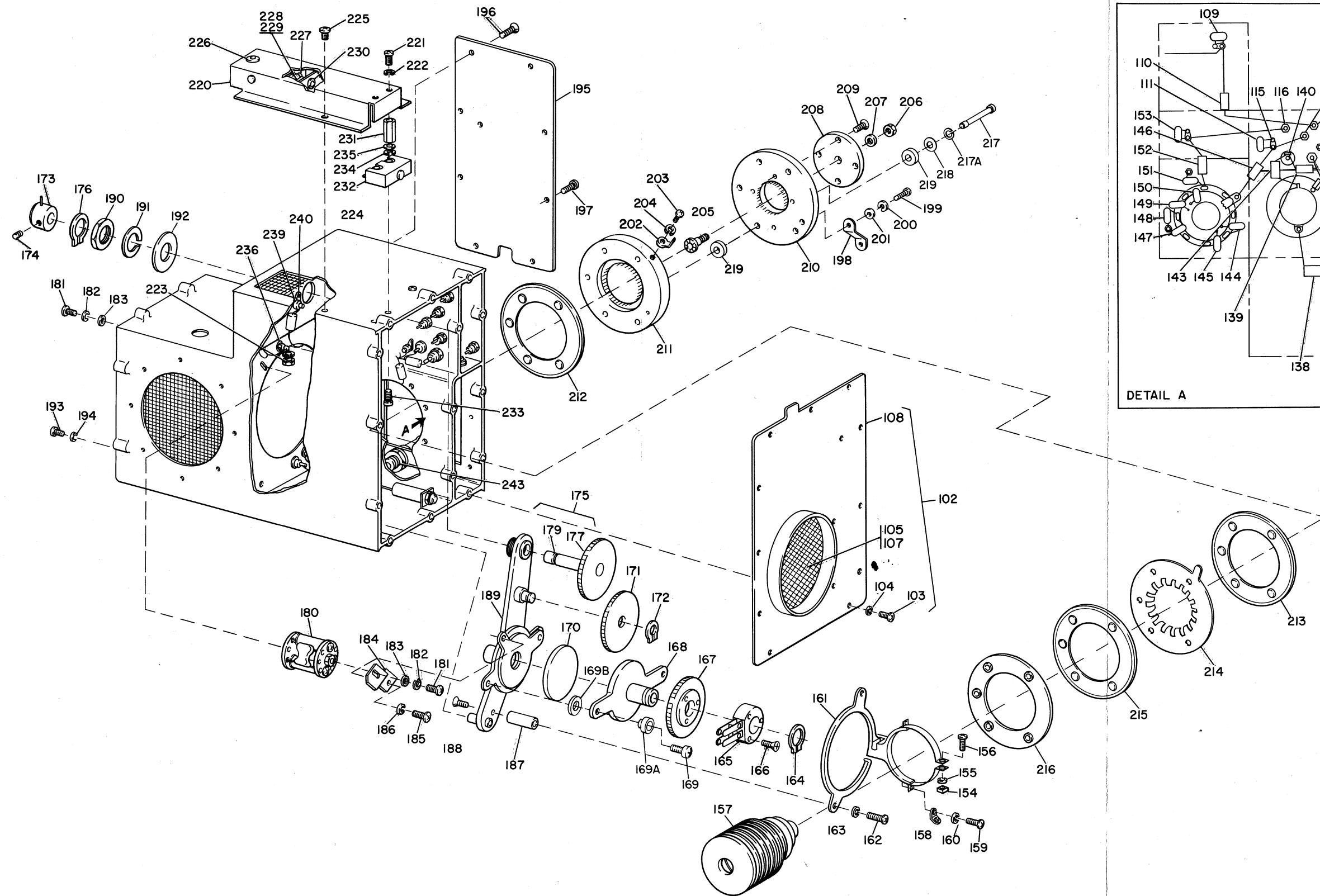


Figure 6-5. PA Tuned Cavity (Sheet 2 of 3)

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GROUP ASSEMBLY PARTS LIST

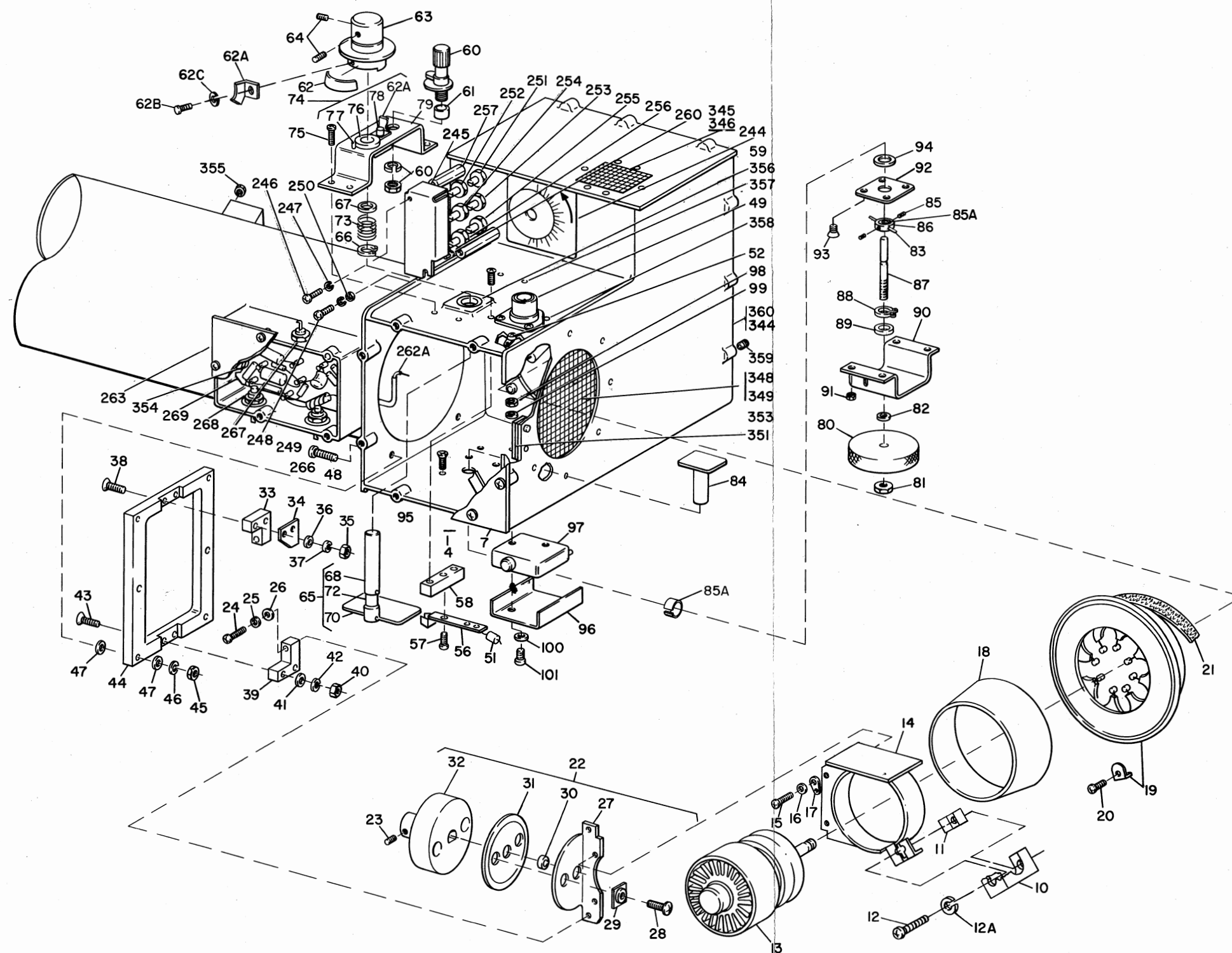


Figure 6-5. PA Tuned Cavity (Sheet 1 of 3)

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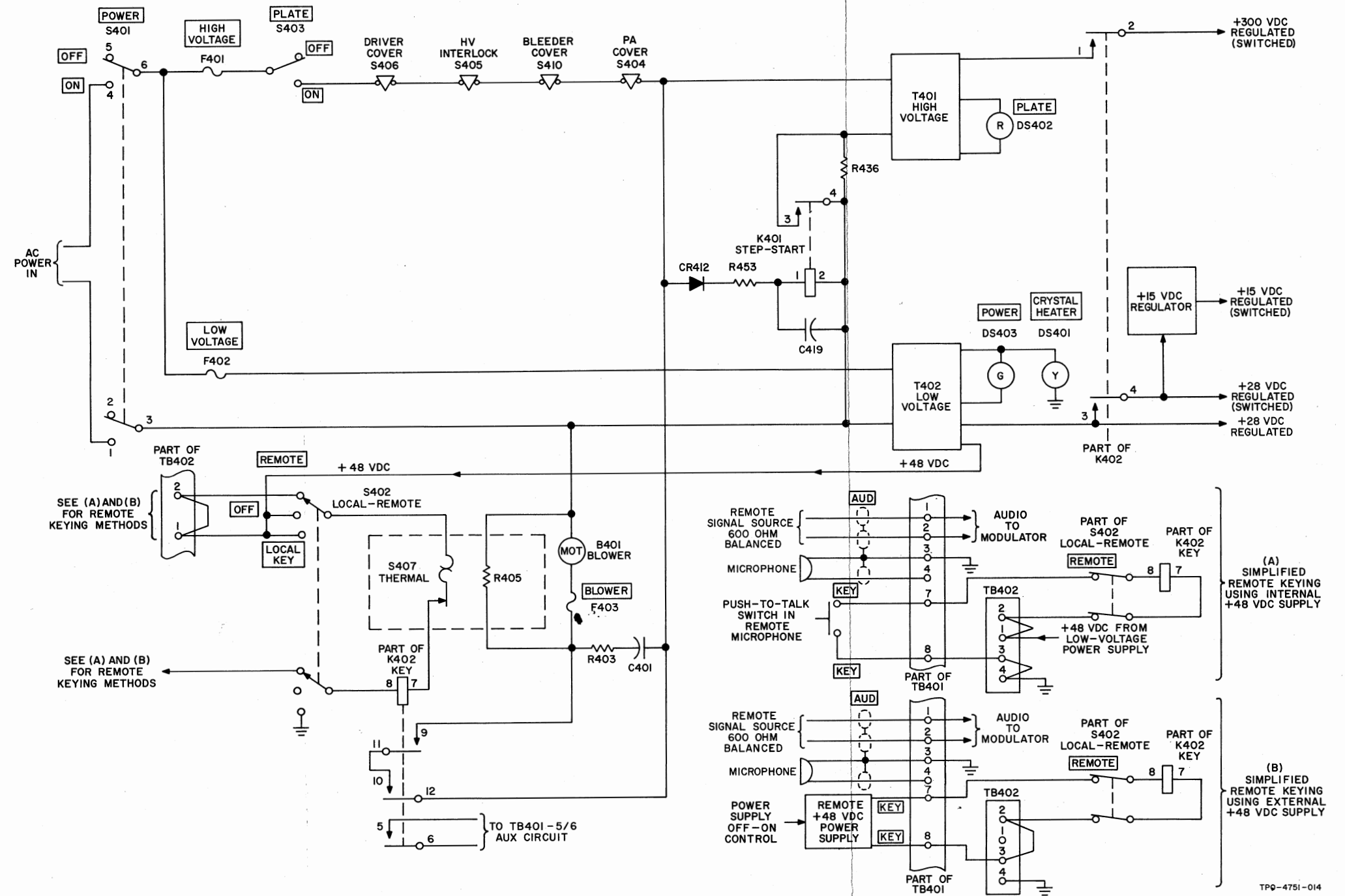


Figure 4-23. Remote Control Circuits
Simplified Schematic
Diagram.

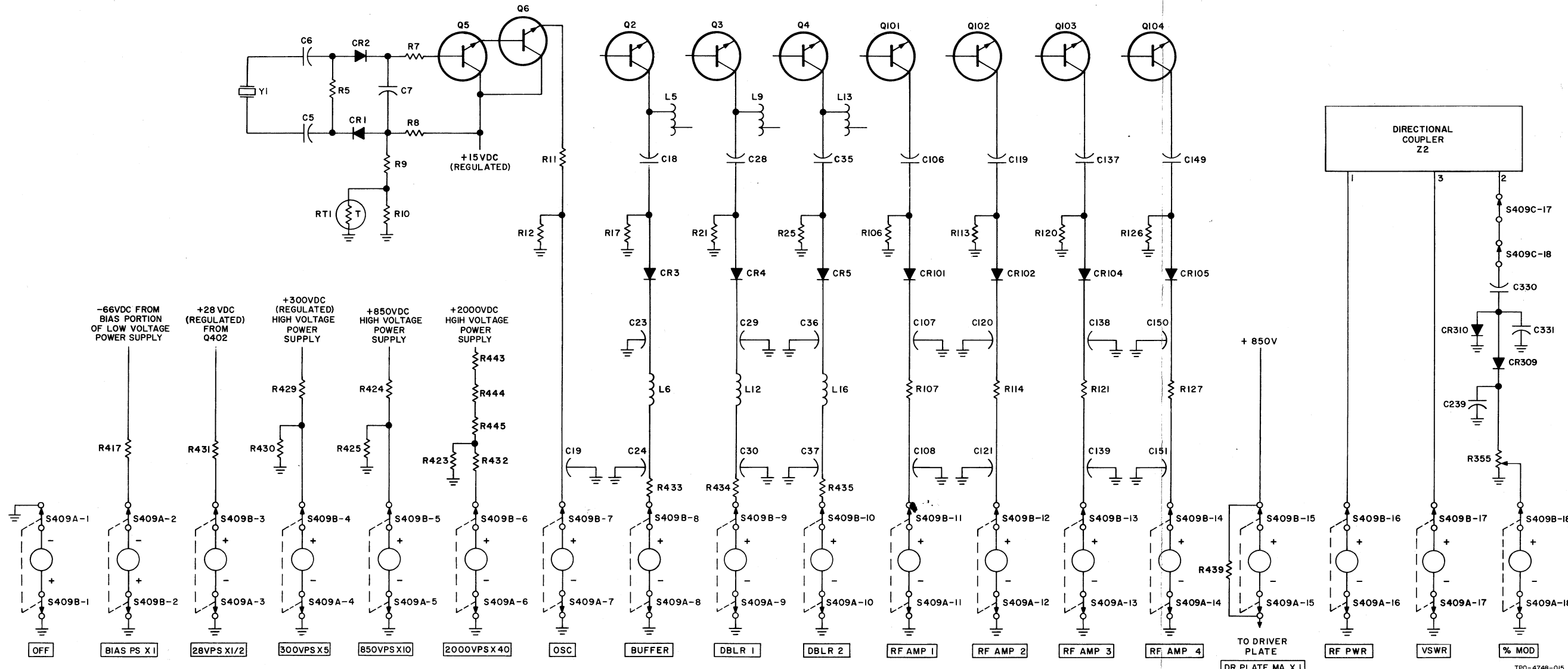


Figure 4-20. Multimeter Circuits, Simplified Schematic Diagram.

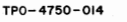


Figure 4-22. Local Control Circuits, Simplified Schematic Diagram.

section 7

illustrations

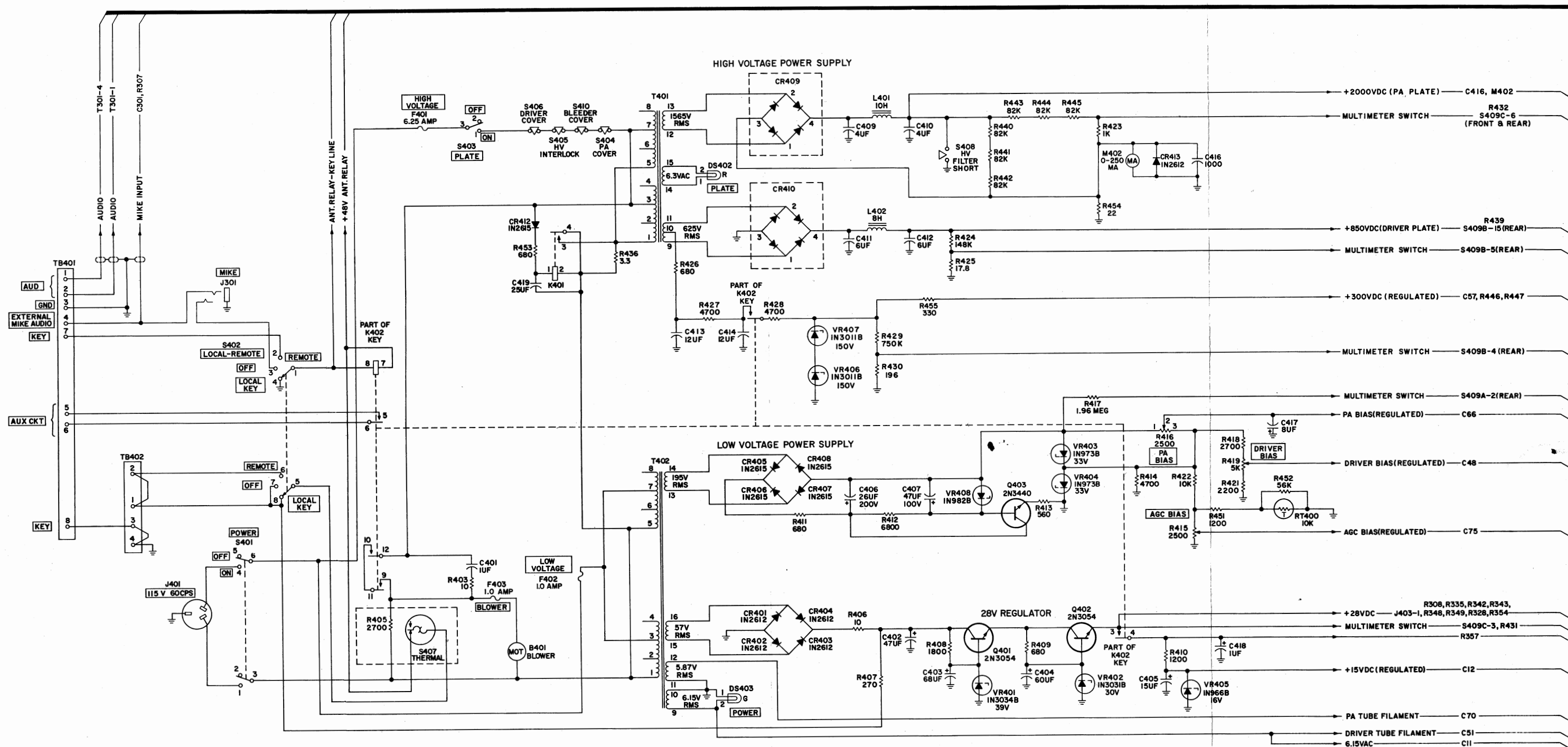
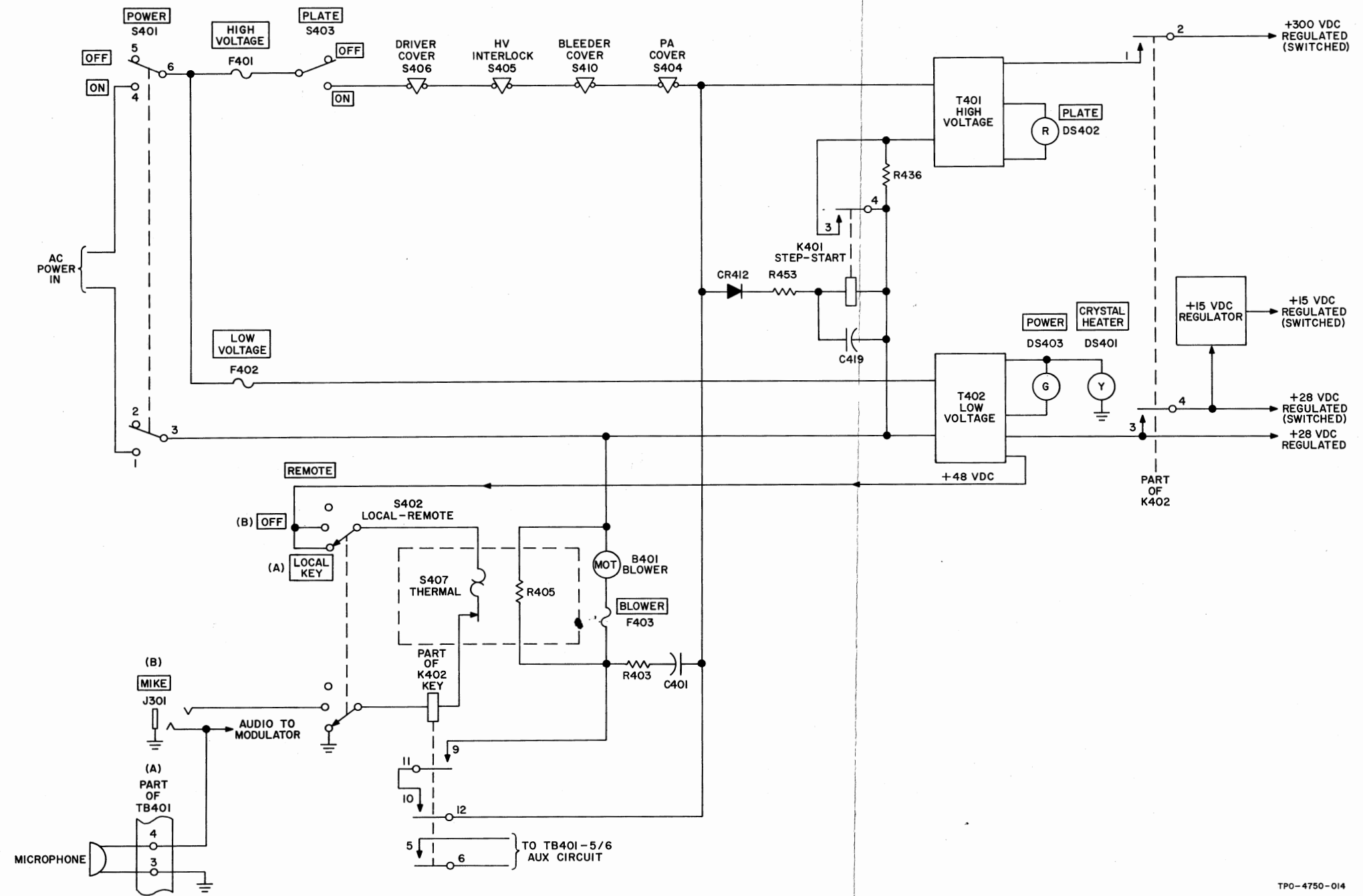


Figure 7-1. 242F-9C VHF/UHF Transmitter,
Schematic Diagram (Sheet 1 of 4).

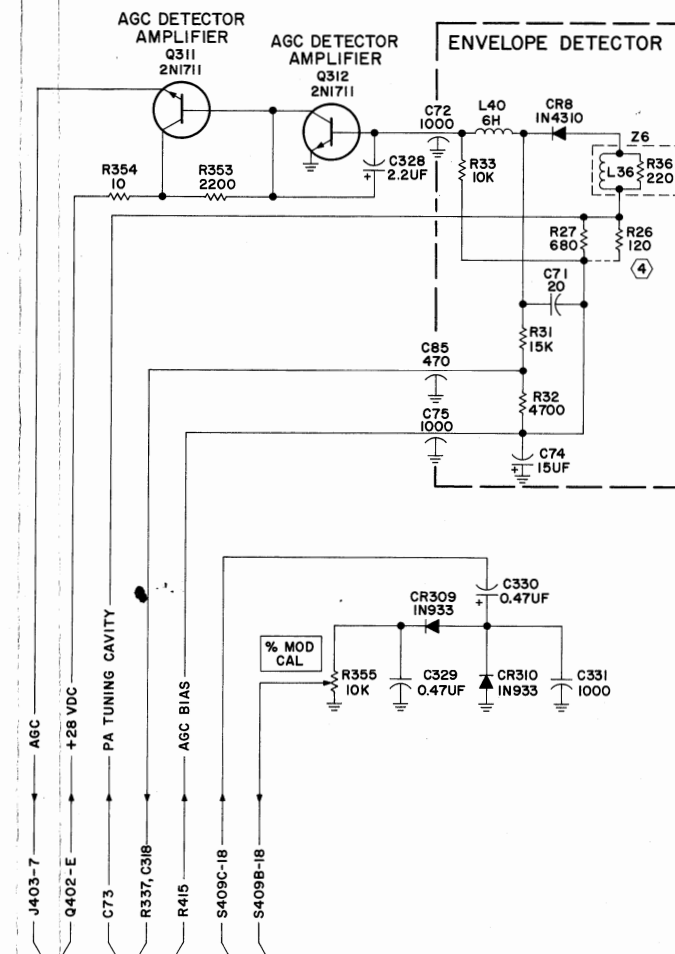
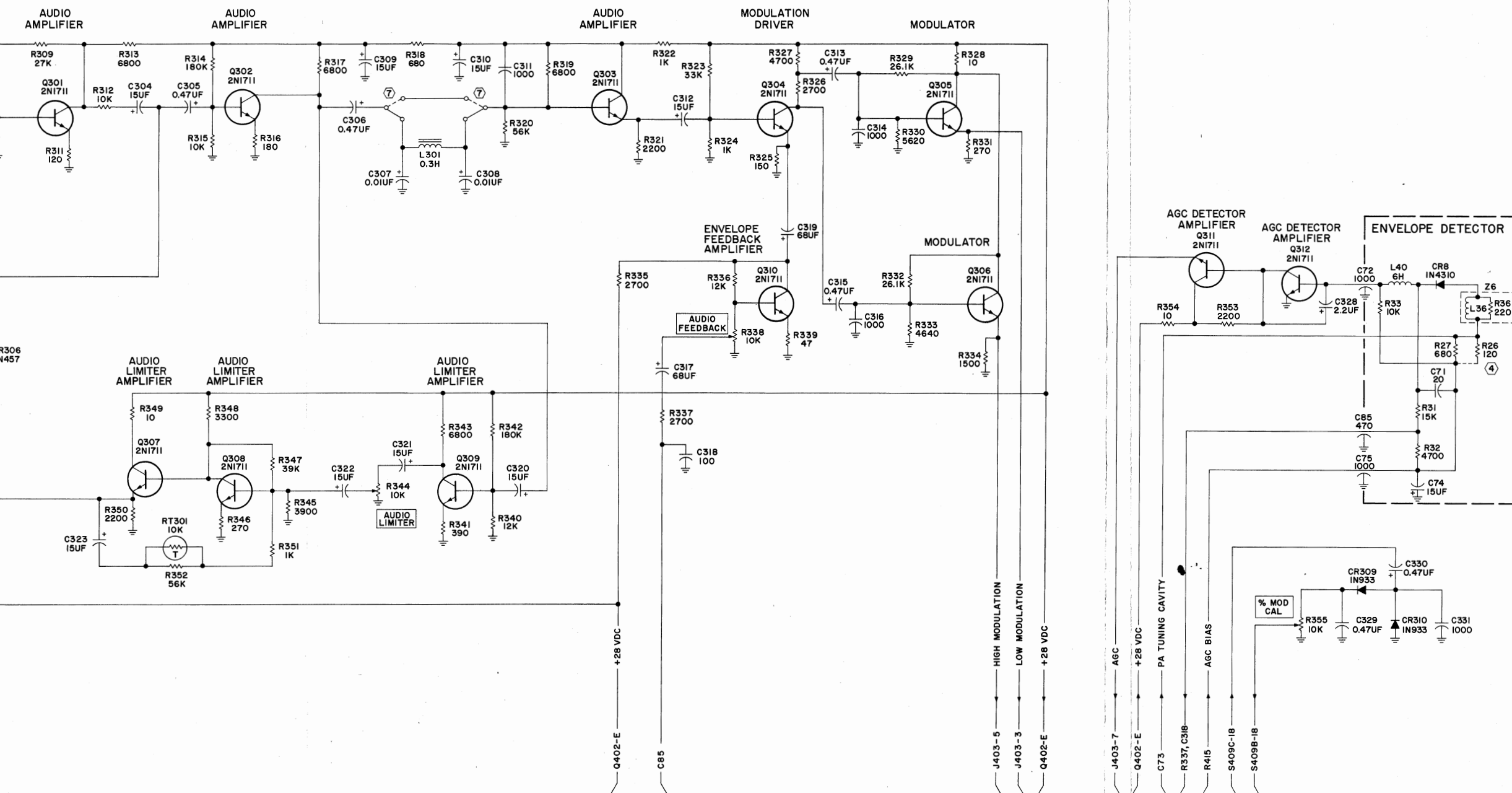
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TPO-4750-014

Figure 4-22. Local Control Circuits,
Simplified Schematic
Diagram.



- NOTES:
- ① THESE CAPACITORS ARE MOUNTED WITHIN THE TUBE SOCKETS.
 - ② THESE INDUCTORS ARE FABRICATED AT THE FACTORY.
 - ③ THESE CAPACITORS ARE FABRICATED AT THE FACTORY.
 - ④ R26 IS CONNECTED INTO THE CIRCUIT FOR UHF OPERATION.
 - ⑤ UNLESS OTHERWISE INDICATED, ALL RESISTANCE VALUES ARE IN OHMS, ALL CAPACITANCE VALUES ARE IN PICOFARADS, AND ALL INDUCTANCE VALUES ARE IN MICROHENRYS.
 - ⑥ REFERENCE NUMBER BREAKDOWN IS AS FOLLOWS:
1-100 RF CIRCUIT
101-200 VHF EXCITER
201-300 UHF EXCITER
301-400 MODULATOR CIRCUIT
401-500 CONTROL AND POWER SUPPLY CIRCUITS.
 - ⑦ SOLID LINE INDICATES CONNECTION FOR NARROW AUDIO BAND OPERATION (300 TO 3000HZ).
DOTTED LINE INDICATES CONNECTION FOR WIDE AUDIO BAND OPERATION (100 TO 20,000HZ).

Figure 7-1. 242F-9C VHF/UHF Transmitter,
Schematic Diagram (Sheet 2 of 4).

