



Notes:
 T1 Measurements @ 60Hz
 Pri DCR = 280 ohms, Sec DCR = 0.3 ohms
 10VAC in 0.26VAC out @ 60Hz
 Turn Ratio = 38.5 : 1
 8 ohm load reflects 11800 ohms pri
 T2 Unloaded:
 Pri = 120V 12 Ohm DCR
 HT = 680V CT 314 ohm DCR
 NC = 39V CT 2.8 ohm DCR
 Fil = 6.7V CT .3 ohm DCR
 All resistors 1/2 watt U.O.N.
 All capacitors are uF/450V U.O.N.
 All values as installed in this overhaul.
 All voltages as measured.
 Ground symbol indicates chassis tie point.
 It is not 100% certain this is the original circuit.
 Amp appears similar to a Magnatone 440 sans the Vibrato

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|---------------------------|----------------------|----------|
| Doric Amplifier | | |
| Reverse Engineered | | |
| R. Smith | Rev 1.3 4/10/2010 | As Built |