



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.  
 It is not 100% certain this is the original circuit.  
 Amp appears similar to a Magnatone 440 sans the Vibrato

<b>Doric Amplifier</b>		
<b>Reverse Engineered</b>		
R. Smith	Rev 1.2 4/8/2010	As Built