



Notes:

Cx & Cz appear to be added or replaced by others
 R12 is burnt, looks like a 1K, measures 3K4
 R13 is burnt, looks like a 620k, measures 100k

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

@ indicates measured value
 * indicates part previously changed by others
 ? indicates part to burnt to read value

All resistors 1/2 watt U.O.N.

All capacitors are uF/450V U.O.N.

Amp appears similar to a Magnatone 440 sans the Vibrato

Doric Amplifier		
Reverse Engineered		
R. Smith	Rev 1.1	Page # or name
	3/7/2010	