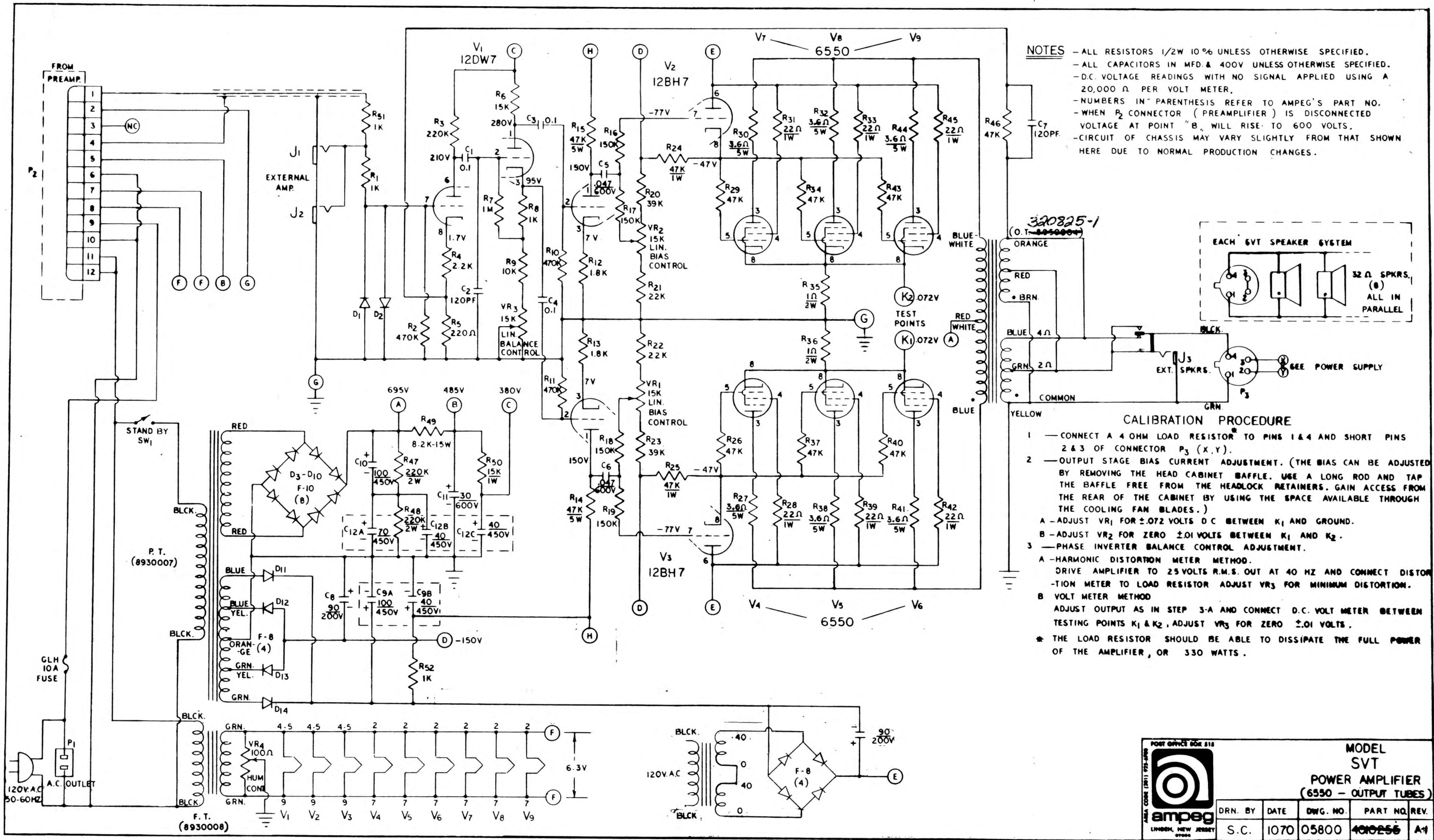


NOTES - ALL RESISTORS IN OHMS \pm 10% UNLESS OTHERWISE SPECIFIED.
 - ALL CAPACITORS IN MFD & 400V UNLESS OTHERWISE SPECIFIED.
 - DC VOLTAGE READINGS WITH NO SIGNAL APPLIED USING A 20,000 OHM PER VOLT VOLTMETER.
 - NUMBERS IN PARENTHESES REFER TO

Drawn, Rev. Pict. 2/10/75
 Addn. 08.2 & 08.5
 Add 57MVA Enc. 3N. 01-1
 Add M. Part numbers
 Revise P1 SKETCH (CHS)
 PINS #3 & #5 EXCHANGED
 ECN - P5517 11/15/75

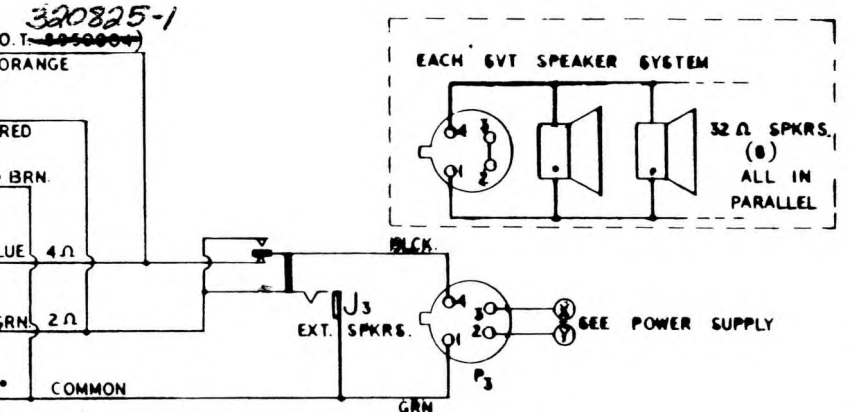
7'x10 ¹ / ₁₆	591719-2
7'x10 ¹ / ₁₆	591719-1
SIZE	PART NO.

ADDITIONAL SPECIFICATIONS		TOLERANCES UNLESS OTHERWISE SPECIFIED		THE AMPEG COMPANY	
DECIMALS	\pm TOL.	FRACTIONS	\pm TOL.	SVT PRE AMP	
X	100	UP TO 6	1/64		
XX	100	6 TO 24	1/32		
XXX	100	ABOVE 24	1/16	SIGNATURE: <i>P. Reisher</i> DATE: 5-7-75 CHECKED: <i>W. ...</i> DATE: 12-8-75 SCALE: 5-20-80	
THIS MATERIAL IS THE PROPERTY OF, AND PROPRIETARY TO, THE MAGNAVOX COMPANY AND IS NOT TO BE DISCLOSED TO OTHERS OR USED FOR OTHER THAN AUTHORIZED MAGNAVOX PURPOSES WITHOUT THE WRITTEN PERMISSION OF THE MAGNAVOX COMPANY. THIS MATERIAL MUST BE RETURNED TO THE MAGNAVOX COMPANY WHEN THE HOLDER NO LONGER REQUIRES ITS USE FOR AUTHORIZED MAGNAVOX PURPOSES.					
DO NOT SCALE DRAWING		D 591719		591719	



NOTES


- ALL RESISTORS 1/2W 10% UNLESS OTHERWISE SPECIFIED.
- ALL CAPACITORS IN MFD. & 400V UNLESS OTHERWISE SPECIFIED.
- D.C. VOLTAGE READINGS WITH NO SIGNAL APPLIED USING A 20,000 Ω PER VOLT METER.
- NUMBERS IN PARENTHESIS REFER TO AMPEG'S PART NO.
- WHEN P₂ CONNECTOR (PREAMPLIFIER) IS DISCONNECTED VOLTAGE AT POINT "B" WILL RISE TO 600 VOLTS.
- CIRCUIT OF CHASSIS MAY VARY SLIGHTLY FROM THAT SHOWN HERE DUE TO NORMAL PRODUCTION CHANGES.



CALIBRATION PROCEDURE

- CONNECT A 4 OHM LOAD RESISTOR TO PINS 1 & 4 AND SHORT PINS 2 & 3 OF CONNECTOR P₃ (X.Y).
- OUTPUT STAGE BIAS CURRENT ADJUSTMENT. (THE BIAS CAN BE ADJUSTED BY REMOVING THE HEAD CABINET BAFFLE. USE A LONG ROD AND TAP THE BAFFLE FREE FROM THE HEADLOCK RETAINERS. GAIN ACCESS FROM THE REAR OF THE CABINET BY USING THE SPACE AVAILABLE THROUGH THE COOLING FAN BLADES.)
 - ADJUST VR₁ FOR ±0.72 VOLTS D.C. BETWEEN K₁ AND GROUND.
 - ADJUST VR₂ FOR ZERO ±0.01 VOLTS BETWEEN K₁ AND K₂.
- PHASE INVERTER BALANCE CONTROL ADJUSTMENT.
 - HARMONIC DISTORTION METER METHOD. DRIVE AMPLIFIER TO 25 VOLTS R.M.S. OUT AT 40 HZ AND CONNECT DISTORTION METER TO LOAD RESISTOR ADJUST VR₃ FOR MINIMUM DISTORTION.
 - VOLT METER METHOD. ADJUST OUTPUT AS IN STEP 3-A AND CONNECT D.C. VOLT METER BETWEEN TESTING POINTS K₁ & K₂, ADJUST VR₃ FOR ZERO ±0.01 VOLTS.

* THE LOAD RESISTOR SHOULD BE ABLE TO DISSIPATE THE FULL POWER OF THE AMPLIFIER, OR 330 WATTS.

POST OFFICE BOX 818

 LINCOLN, NEW JERSEY 07036

MODEL SVT POWER AMPLIFIER (6550 - OUTPUT TUBES)

DRN. BY	DATE	DWG. NO.	PART NO.	REV.
S.C.	1070	05800	4010256	A-1

591720-1