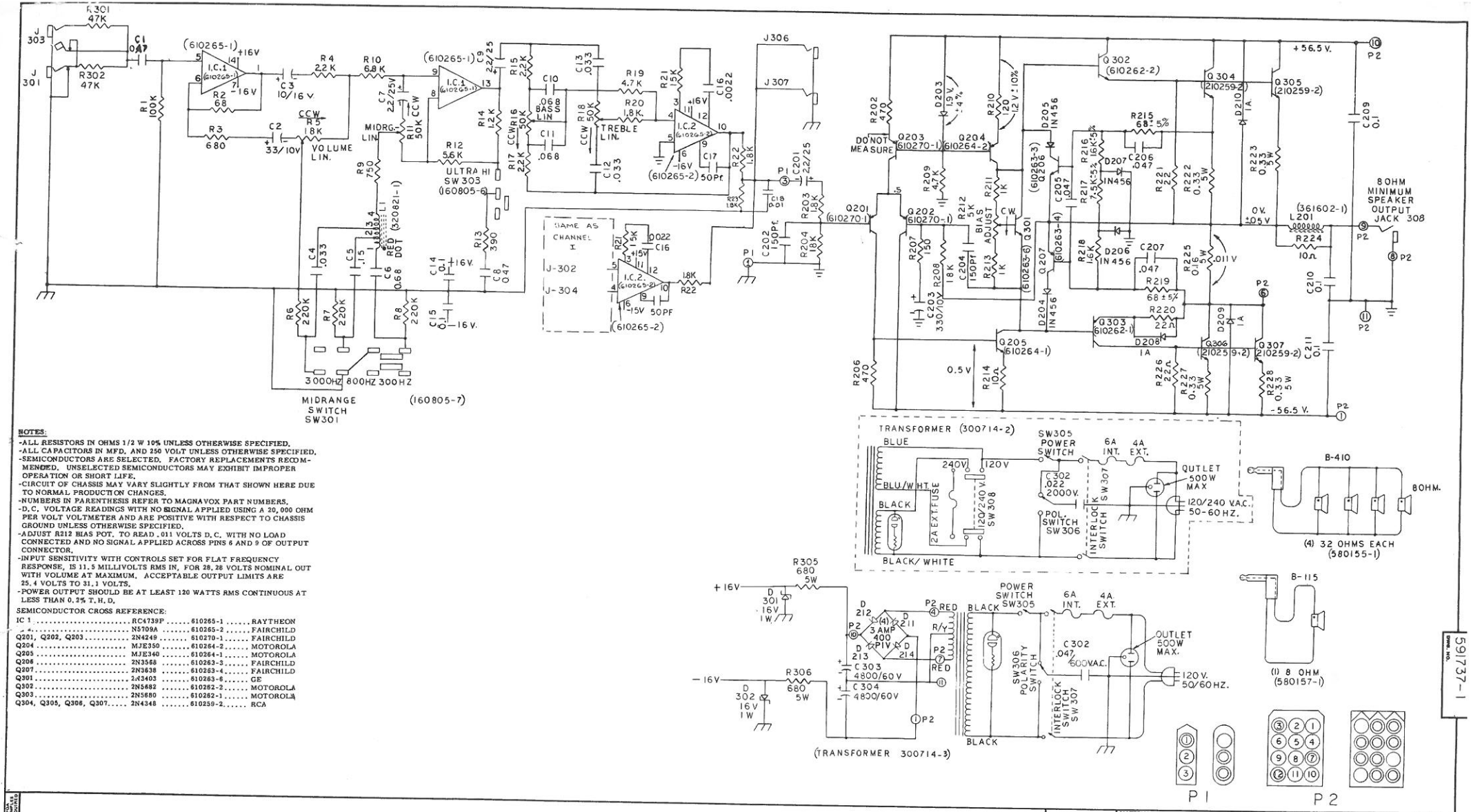

NOTES:

- ALL RESISTORS IN OHMS 1/2 W 10% UNLESS OTHERWISE SPECIFIED.
- ALL CAPACITORS IN MFD. AND 250 VOLT UNLESS OTHERWISE SPECIFIED.
- SEMICONDUCTORS ARE SELECTED. FACTORY REPLACEMENTS RECOMMENDED. UNSELECTED SEMICONDUCTORS MAY EXHIBIT IMPROPER OPERATION OR SHORT LIFE.
- CIRCUIT OF CHASSIS MAY VARY SLIGHTLY FROM THAT SHOWN HERE DUE TO NORMAL PRODUCTION CHANGES.
- NUMBERS IN PARENTHESIS REFER TO MAGNAVOX PART NUMBERS.
- D.C. VOLTAGE READINGS WITH NO SIGNAL APPLIED USING A 20,000 OHM PER VOLT VOLTMETER AND ARE POSITIVE WITH RESPECT TO CHASSIS GROUND UNLESS OTHERWISE SPECIFIED.
- ADJUST R212 BIAS POT. TO READ .011 VOLTS D.C. WITH NO LOAD CONNECTED AND NO SIGNAL APPLIED ACROSS PINS 6 AND 9 OF OUTPUT CONNECTOR.
- INPUT SENSITIVITY WITH CONTROLS SET FOR FLAT FREQUENCY RESPONSE, IS 11.5 MILLIVOLTS RMS IN, FOR 28.28 VOLTS NOMINAL OUT WITH VOLUME AT MAXIMUM. ACCEPTABLE OUTPUT LIMITS ARE 25.4 VOLTS TO 31.1 VOLTS.
- POWER OUTPUT SHOULD BE AT LEAST 120 WATTS RMS CONTINUOUS AT LESS THAN 0.2% T.H.D.

SEMICONDUCTOR CROSS REFERENCE:

IC 1	RC4739P	610265-1	RAYTHEON
IC 2	N5709A	610265-2	FAIRCHILD
Q201, Q202, Q203	2N4249	610270-1	FAIRCHILD
Q204	MJE350	610264-2	MOTOROLA
Q205	MJE340	610264-1	MOTOROLA
Q206	2N3568	610263-3	FAIRCHILD
Q207	2N3638	610263-4	FAIRCHILD
Q301	2N3403	610263-6	GE
Q302	2N5682	610262-2	MOTOROLA
Q303	2N5680	610262-1	MOTOROLA
Q304, Q305, Q306, Q307	2N4348	610259-2	RCA

591737-1

REVISIONS	
A	RELEASED 5-21-73

NOT ALL PARTS ARE USED

ADDITIONAL MAGNAVOX SPECIFICATIONS

MATERIAL

FINISH

— TOLERANCES — UNLESS OTHERWISE SPECIFIED

DECIMALS	± TOL	FRACTIONS	± TOL
.X	.030	UP TO 6	1/64
.XX	.020	6 TO 24	1/32
.XXX	.010	ABOVE 24	1/16

THREADS - CLASS 2 FIT AFTER PLATING. CONCENTRICITY .010 T.I.R.

MACHINE FINISHES 64 MICRO INCH MAX. ANGULAR TOL. ± 1/2°

DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED ON DRAWING.

DO NOT SCALE DRAWING

THE AMPEG COMPANY
DIVISION OF THE MAGNAVOX COMPANY
P.O. BOX 315 LINDEN, N.J. 07036

MODELS
B115 & B410

	SIGNATURE	DATE	FIRST USED IN ASSEMBLY
DR. J. DISANO		2/7/73	FIRST MADE FOR
CHK. Gib Hughes		5/21/73	SIZE D
ENG.		5/21/73	DWG. NO. 591737-1
SCALE			REV. A