

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE:				
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
FRAC. DIM. ±							
ANGULAR DIM. ±							

TUBE VOLTAGES →

1	GSB-1
REQ. PER UNIT	MODEL

TUBE RESISTANCES →

1	GSB-1
REQ. PER UNIT	MODEL

TUBE	TYPE	FUNCTION	SOCKET PIN NUMBERS									
			1	2	3	4	5	6	7	8	9	
V1	6BA6	IF AMPL	-0.5	1.7	3.3*	3.3*	200	100	1.7			
V2	6BE6	1 ST MIXER	-10	2.2	3.3*	3.3*	200	50	0			
V3	12AU7	AVC AMPL - 17 KC OSC	140	-24	0	3.3*	3.3*	120	0	3.5	3.3*	
V4	6AG5	1 ST OSC	-12	0	3.3*	3.3*	115	90	0			
V5	6BE6	2 ND MIXER	-18	0.6	3.3*	3.3*	170	85	0			
V6	6AL5	NOISE LIMITER	-0.1	-0.1	3.3*	3.3*	3.5	-1				
V7	5Y3	RECTIFIER	NC	260	NC	-5	NC	-5	NC	260		
V8	0A2	REGULATOR	150	NC	NC	0	NC	NC	NC			
V9	12AT7	1 ST AUDIO	NC	NC	NC	3.3*	3.3*	100	0	0.8	3.3*	
V10	6AQ5	AUDIO OUTPUT	0	10	3.3*	3.3*	200	200	NC			

*-AC VOLTAGES

NC=NO CONNECTION

TUBE	TYPE	FUNCTION	SOCKET PIN NUMBERS									
			1	2	3	4	5	6	7	8	9	
V1	6BA6	IF AMPL	3M	220	90	90	100K	100K	220			
V2	6BE6	1 ST MIXER	22K	220	90	90	100K	100K	470K			
V3	12AU7	AVC AMPL - 17 KC OSC	100K	100K	1	90	90	100K	470K	680		
V4	6AG5	1 ST OSC	100K	0.5	90	90	100K	100K	0.5			
V5	6BE6	2 ND MIXER	47K	120	90	90	100K	100K	15K			
V6	6AL5	NOISE LIMITER	200K	200K	90	90	2.2M	NC	2.2M			
V7	5Y3	RECTIFIER	NC	100K	NC	130	NC	130	NC	100K		
V8	0A2	REGULATOR	300K	NC	NC	0	NC	NC	NC			
V9	12AT7	1 ST AUDIO	NC	NC	NC	90	90	100K	1M	220		
V10	6AQ5	AUDIO OUTPUT	470K	300	90	90	100K	100K	NC			

CONDITIONS:

1. LINE - 115 VOLTS, 60 CPS.
2. AF GAIN CONTROL - FULL CW.
3. AM/SSB SWITCH - SSB.
4. UPPER/LOWER SIDEBAND SWITCH - UPPER.
5. BANDSPREAD SWITCH - ON.
6. AVC ON/OFF SWITCH - ON.
7. ALL MEASUREMENTS TAKEN WITH RESPECT TO GROUND USING A HEWLETT-PACKARD MODEL 410B VTVM OR EQUIVALENT.

K = THOUSAND
M = MILLION

NOTICE TO PERSONS RECEIVING THIS DRAWING

THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.

Property of:

THE TECHNICAL MATERIEL CORPORATION
MAMARONECK, NEW YORK

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL		VOLTAGE & RESISTANCE CHARTS, GSB-1	
TYPE & TEMPER	HEAT TREAT. SPEC.	6 12-27-56	<i>J.W.R.</i>
FINISH & SPEC. NO.	ELEC. DES. APP.	<i>P.L.K.</i>	<i>A.T.J.</i>
	MECH. DES. APP.		CH-154