

TUBE	TYPE	FUNCTION	SOCKET PIN NUMBERS								
			1	2	3	4	5	6	7	8	9
V1	12AU7	AVC AMP-RECT.	-0.6	-0.6	0.4	6.3*	6.3*	104	0	2.3	6.3*
V2	6BA6	I.F. AMP.	0	2.8	6.3*	6.3*	140	110	2.8		
V3	6BE6	1st MIXER	-11.2	2.2	6.3*	6.3*	255	66	0		
V4	6BE6	2nd MIXER	-4	0.7	6.3*	6.3*	170	42	0		
V5	6AL5	NOISE LIMITER	0.70	0	6.3*	6.3*	0.70	NC	0		
V6	12AT7	2nd OSC.-AUD.AMP.	134	-30	0	6.3*	6.3*	60	0	0.7	6.3*
V7	6AQ5	AUDIO OUT.	NC	19	6.3*	6.3*	300	300	0		
V8	6AG5	1st OSC.	-1.7	0.44	6.3*	6.3*	60	83	NC		
V9	6J6	REACT. MOD.	60	60	6.3*	6.3*	0	0	1.8		
V10	12AU7	RELAY DRIVER-SIDE TONE GEN.	60	0	1.4	6.3*	6.3*	148	30	58	6.3*
V11	5Y3	RECTIFIER	NC	365	NC	365*	NC	365*	NC	365	
V12	0A2	VOLT. REG.	150	NC	NC	NC	150	NC	0		

CONDITIONS:

ALL MEASUREMENTS TAKEN WITH V.T.V.M.

BFO - ON

SIDEBAND - MANUAL

NOISE LIMITER - OFF

AUDIO GAIN - CLOCKWISE

AVC - OFF

AVC - FAST

NO SIGNAL

NC = NO CONNECTION

* = AC VOLTAGE

AC LINE VOLTAGE - 115 V.

ALL VOLTAGES TO GROUND EXCEPT AC
FILAMENT VOLTAGES - ACROSS FILAMENTS

NOTICE TO PERSONS RECEIVING THIS DRAWING

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MAMARONECK, NEW YORK

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. ±							

REQ. PER UNIT	MSR-3	PROJECT NO.	ASS'Y. NO.	DATE
	MODEL			4-11-58
USED ON				

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
STOCK SIZE		VOLTAGE CHART	MODEL MSR-3
MATERIAL			
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
		PLK	VS
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
			CH-159