CH-176

TUBE	TYPE	FUNCTION	SOCKET PIN NUMBERS								
			1	2	3	4	5	6	7	8	9
V1	12AU7	AVC AMP. RECT.	-.47	-.47	+.12	3.15	3.15	+95	0	+2.1	3.15
V2	6BA6	I.F. AMP.	0	+2.8	3.15	3.15	+134	+118	+2.8		
V3	6BE6	1st MIXER	-9.2	+2.2	3.15	3.15	+262	+90	0		
V4	6BE6	2nd MIXER	-12.	+.6	3.15	3.15	+170	+62	0		
V5	12AT7	2nd OSC.	+50	-8	+2.4	3.15	3.15	+68	0	+1.16	3.15
V6	6AQ5	AUDIO OUTPUT	NC	+19.5	3.15	3.15	+290	+300	0		
V7	6AG5	1st OSC.	-2	+.54	3.15	3.15	+53	+83	NC		
V8	6J6	REACT. MOD.	+65	+65	3.15	3.15	0	0	+2		
* V9	12AU7	RELAY DRIVER SIDE TONE GEN.	+66	0	+1.4	3.15	3.15	+148	+33	+55	3.15
V10	5Y3	RECTIFIER	NC	+360	NC	365	NC	365	NC	+360	
V11	OA2	VOLTAGE REG.	+150	NC	NC	NC	+150	NC	0		
V12	12AT7	AUDIO AMP.	+64	0	+.75	3.15	3.15	NC	NC	NC	3.15

CONDITIONS:
AC LINE VOLTAGE 115 V
ALL VOLTAGES TO GROUND
MEASUREMENTS TAKEN WITH V.T.V.M.
BFO - ON
MANUAL - XTAL - MANUAL
SIGNAL INPUT = 0
AVC - OFF AND FAST
REACT. BAL. - MID POSITION

* DC VOLTAGES SHOWN ARE AFTER RELAY AND TONE THRESHOLD ADJUSTMENTS WERE MADE.

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

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES
DEC. DIM. ±
FRAC. DIM. ±
ANGULAR DIM. ±

SCALE:
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.
REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
	MSR-5			7-28-60
	USED ON			

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL

STOCK SIZE

MATERIAL

TYPE & TEMPER | HEAT TREAT. SPEC.

FINISH & SPEC. NO.

THE TECHNICAL MATERIEL CORP.
MAMARONECK. NEW YORK

VOLTAGE CHART MODEL MSR-5

DRAWN	CHECKED	FINAL APPROVAL
		J. ANGER

ELEC. DES. APP. | MECH. DES. APP.

CH-176

FORM 109-A