

TUBE	TYPE	FUNCTION	SOCKET PIN NUMBERS								
			1	2	3	4	5	6	7	8	9
V1	6AU6	1st CARRIER AMP.	0	.86	6.3*	6.3*	60	104	.86	NC	NC
V2	6AU6	2nd CARRIER AMP.	0	.80	6.3*	6.3*	104	104	.80	NC	NC
V3	12AX7	LIMITER	88	0	+74	6.3*	6.3*	86	0	.74	6.3*
V4	6U8	PHASE DETECTOR & 17 K.C. AMP.	110	0	122	6.3*	6.3*	114	1.38	1.7	0
V5	6AB4	MEMORY FOLLOWER	150	NC	6.3*	6.3*	NC	0	1.5	NC	NC
V6	6AL5	CARRIER RECT.	76	-.6	6.3*	6.3*	0	NC	0	NC	NC
V7	12AU7	MEMORY LOCK & FADE ALARM	109	-.25	2.0	6.3*	6.3*	144	-28	2.0	6.3*
V8	6AG5	CONSTANT CURRENT PENTODE	-103	-102	6.3*	6.3*	-2.5	0	-102	NC	NC
V9	12AX7	XTAL OSC.	110	-34	0	6.3*	6.3*	106	0	.94	6.3*
V10	0A2	VOLTAGE REG.	150	0	NC	NC	150	NC	0	NC	NC
V11	0A2	VOLTAGE REG.	0	-150	NC	NC	0	NC	-150	NC	NC

CONDITIONS:  
 ALL MEASUREMENTS TAKEN WITH V.T.V.M.  
 AGC SELECTOR — FAST  
 CARRIER COMPENSATOR — 0 D.B.  
 FADE ALARM ADJUST — FULLY CLOCKWISE

NC — NO CONNECTION  
 \* — AC VOLTAGE

AC LINE VOLTAGE — 115 V  
 ALL VOLTAGES TO GROUND EXCEPT AC  
 FILAMENT VOLTAGES ACROSS FILAMENTS

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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	AFC-1	PROJECT NO.	ASS'Y. NO.	DATE
	MODEL			8-18-60
USED ON				

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
STOCK SIZE		VOLTAGE CHART MODEL AFC-1	
MATERIAL			
TYPE & TEMPER		HEAT TREAT. SPEC.	
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
		DRAWN P.A.	CHECKED [Signature]
		FINAL APPROVAL [Signature]	
		CH-178	