

CH-196

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	100	0	1.1	6.3*	6.3*	100	0	1.1	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	.4	2.4	NC	NC
V6	6AL5	CARRIER RECT.	30	-.6	6.3*	6.3*	0	NC	0	NC	NC
V7	12AU7	MEMORY LOCK & FADE ALARM	109	-.25	1.5	6.3*	6.3*	144	-55	1.5	6.3*
V8	6AG5	CONSTANT CURRENT PENTODE	-103	-102	6.3*	6.3*	+1	-.1	-102	NC	NC
V9	12AX7	XTAL OSC.	110	-20	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 - O.D.B.  
 FADE ALARM ADJUST - FULLY CLOCKWISE

NC - NO CONNECTION  
 \* - AC VOLTAGE

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

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 MAMARONECK, NEW YORK

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
UNLESS OTHERWISE SPECIFIED:		SCALE:				
DIMENSIONS ARE IN INCHES		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.				
TOLERANCES ON FRACTIONS ± 1/64 DECIMALS ± .005 ANGLES ± 1/2°		REMOVE ALL BURRS AND SHARP EDGES				

REQ. PER UNIT	1	MODEL	AFC-1A	SECTION		ASS'Y. NO.		DATE	3-7-61
USED ON									

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP., MAMARONECK, NEW YORK	
		VOLTAGE CHART MODEL AFC-1A	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKER
		<i>[Signature]</i>	<i>[Signature]</i>
		FINAL APPROVAL	
		<i>[Signature]</i>	
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.

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