CH-177

TUBE	TYPE	FUNCTION	SOCKET PIN NUMBERS								
			1	2	3	4	5	6	7	8	9
V1	6AU6	1st. CARRIER AMP.	470K	150	0	0	230K	220K	150	NC	NC
V2	6AU6	2nd CARRIER AMP.	17K	150	0	0	220K	220K	150	NC	NC
V3	12AX7	LIMITER	330K	33K	350K	0	0	325K	0	350K	0
V4	6U8	PHASE DETECTOR & 17K.C. AMP.	210K	100K	210K	0	0	210K	150	220	10K
V5	6AB4	MEMORY FOLLOWER	210K	NC	0	0	NC	INF.	550K	NC	NC
V6	6AL5	CARRIER RECT.	100K	2.5M	0	0	0	NC	2.5M	NC	NC
V7	12AU7	MEMORY LOCK & FADE ALARM	220K	1.0M	26K	0	0	220K	260K	33K	0
V8	6AG5	CONSTANT CURRENT PENTODE	40K	18K	INF.	INF.	550K	100	18K	NC	NC
V9	12AX7	XTAL OSC.	320K	1.5M	0	0	0	300K	22K	2K	0
V10	0A2	VOLTAGE REG.	210K	NC	NC	NC	210K	NC	0	NC	NC
V11	0A2	VOLTAGE REG.	NC	3.9K	NC	NC	0	NC	3.9K	NC	NC

CONDITIONS:
OHMMETER-SIMPSON 260 OR EQUIPMENT RESISTANCE TO GROUND
AGC SELECTOR- FAST
CARRIER COMPENSATOR- O.D.B.
FADE ALARM ADJUST- FULLY CLOCKWISE
ALL EXTERNAL CONNECTIONS REMOVED FROM E1.

NC = NO CONNECTION
K = THOUSAND
M = MILLION

NOTICE TO PERSONS RECEIVING THIS DRAWING

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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
1	AFC-1			8-17-60

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

RESISTANCE CHART MODEL AFC-1

DRAWN | CHECKED | FINAL APPROVAL

P.A.

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

CH-177

FORM 109-A