

## 200V VOLTAGE CHART

TRANSMITTER ON STANDBY UNLESS OTHERWISE NOTED AS  
BASED ON 175 WATTS INPUT, 80  $\lambda$  C.W. TUNED TO 3.5 MC.

TUBF	TYPE	FUNCTION	PIN# 1	2	3	4	5	6	7	8	9
V1	6BL8	MIC & VOX AUDIO AMP	93	0	72	FIL.		150	1	2.2	0
V2	12AT7	QT AMP	110 5	0	1.8	FIL.		130 238	0	2.1	FIL.
V3	12A17	VOX & REPLAY	275	MIN. 9 MAX. 23	MIN. 12 MAX. 27	FIL.		120	0	1.8	FIL.
V4	6BL8	AUDIO AMP (LIMITER)	90	0	52	FIL.		90	2	4.3	0
V5	6AL5	VOX - QT RECT.	0	MAX. VOX -20	FIL.		MAX. VOX +30	NC	MAX. VOX -18	NC	NC
V6	6BL8	AUDIO AMP (FILTER)	70	0	135	FIL.		115	2.5	3.2	0
V7	12AT7	PHASE INVERTER	110	6.1	6.2	FIL.		38	1.7	2.5	FIL.
V8	12AT7	AUDIO AMP	23	.6	1.8	FIL.		23	.8	1.8	FIL.
V9	12AT7	AUDIO AMP	70	0	1.3	FIL.		70	0	1.3	FIL.
V10	12BH7	AUDIO AMP	130	0	4.2	FIL.		130	0	4.2	FIL.
V11	6BL8	OSC. & REACTANCE	145	3.8	715	FIL.		125	10	FSK-1 0-40 FSK-2 10-0	0
V12	6EH7	1ST RF MIXER	0 4	-120 0	0 4	FIL.		0 0	280 180	210 110	0 0
V13	6EJ7	2ND RF MIXER	0 85	-120 0	0 .85	FIL.		0 0	280 250	140 56	0 0
V14	6BQ5	RF DRIVER	-120 -11	-120 -11	0 .5	FIL.		0 0	340 310	NC NC	340 280
V15	6550	RF POWER	0	FIL.	760 680	340 320	-120 -38	NC	FIL.	0 1.8	NC
V16	6550	AMP	0	FIL.	760 680	340 320	-120 -38	NC	FIL.	0 1.8	NC
V17	6BL8	VFO OSC.	150	4.5	80	FIL.		105	11	21	17
V18	6CB6	VFO AMP	-2.2	.6	FIL.		150	135	.6	NC	NC
V19	6AB4	HF. OSC.	150	NC	FIL.		NC	8.1	13	NC	NC
V20	6CB6	BUFFER DOUBLER	-120 0	0 4.8	FIL.		340 250	340 200	0 4.8	NC	NC
V21	6BL8	8MC HORI. AMP	150	0	90	FIL.		48	2	7.3	0
V22	2AP1	SCOPE	FIL. #15 11	40	860	200	NC	860	860	880	880
	C88-102	SEL. BRDG. RECTIFIER	450 AG	700	450 AG	0 0	NC	NC	NC	NC	NC

\* = STBY. ▲ = ON