

# COMPLETE CIRCUIT OF TYPE 145 AUDIO OSCILLATOR

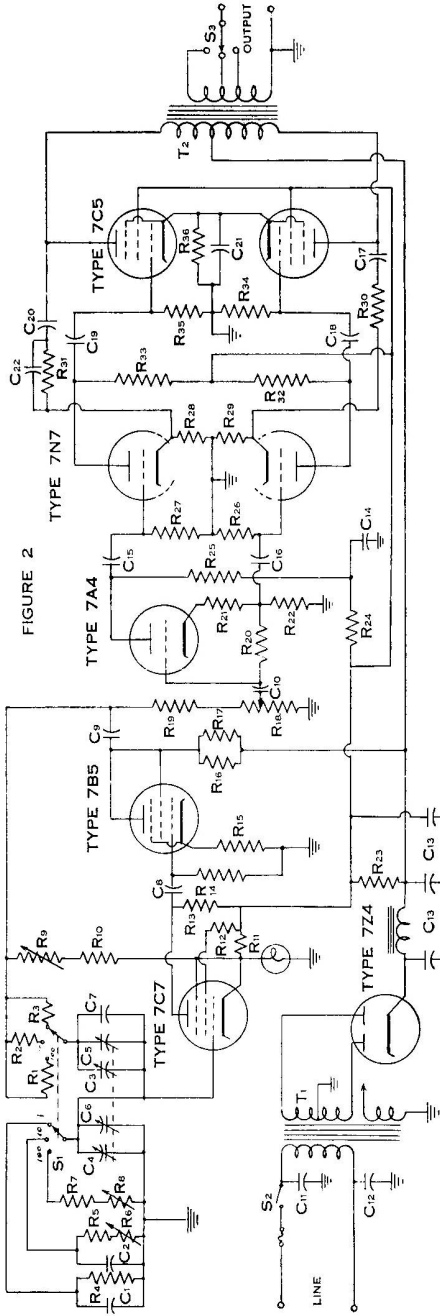


FIGURE 2

CONDENSER		TYPE	VOLTAGE	CAPACITY	RESISTOR	TYPE	OHMS	WATTS
C1	Variable		Mica	2-15 mmf	R12	Carbon	0.1 Meg.	2
C2	Same as C1			2-15 mmf	R13	Carbon	47,000	1
C3	Variable		Air	603 mmf per section	R14	Carbon	.39 Meg	1/2
C4	Same as C3				R15	Carbon	47,000	1/2
C5	Variable		Mica	2-40 mmf	R16	Carbon	Same as R16	
C6	Same as C5				R17	Carbon	0.1 Meg	1/2
C7	Ceramic			50 mmf	R18	Carbon	56,000	1/2
C8	Paper		400 V.	0.5 mmf	R19	Carbon	2700	1/2
C9	Electrolytic		450 V.	4.0 mf	R20	Carbon	.22 Meg	1/2
C10	Paper		400 V.	.01 mf	R21	Carbon	33,000	1/2
C11	Paper		800 V.	.008 mf	R22	Carbon	5600	2
C12	Same as C11				R23	Carbon	27,000	2
C13	Electrolytic		450 V.	15-15-15 mf	R24	Carbon	Same as R24	
C14	Electrolytic		450 V.	8 mf	R25	Carbon	.47 Meg	1/2
C15	Paper		400 V.	0.1 mf	R26	Carbon	Same as R26	
C16	Same as C15				R27	Carbon	1500	1/2
C17	Same as C9				R28	Carbon	Same as R28	
C18	Paper		400 V.	.05 mf	R29	Carbon	27,000	
C19	Same as C18				R30	Carbon	Same as R30	
C20	Same as C9				R31	Carbon	Same as R19	
C21	Electrolytic		50 V.	50 mmf	R32	Carbon	Same as R19	
C22	Mica			240 mmf	R33	Carbon	Same as R14	
					R34	Carbon	Same as R14	
					R35	Carbon	Same as R14	
					R36	Wire Wound	300	4
RESISTOR		TYPE	OHMS	WATTS	MISCELLANEOUS		ITEM	RATING
R1	Carbon		68,000	1			L1	115 V., 3 Watt
R2	Carbon		.69 Meg	1			T1	10 h, 110 Ma.
R3	Carbon		.62 Meg	1			T2	390-0-390
R4	Carbon		Same as R3	1/2				6.3 @ 3.3 amps
R5	Carbon		.62 Meg	1				10,000 P-P
R6	Variable		.1 Meg	1/2				500-15-8
R7	Carbon		56,000	1				2 Circuit 3 Position
R8	Carbon		20,000	1/2				2 Circuit 3 Position
R9	Wire Variable		2000	1/2				
R10	Carbon		2400	1/2				
R11	Carbon		47,000	1/2				