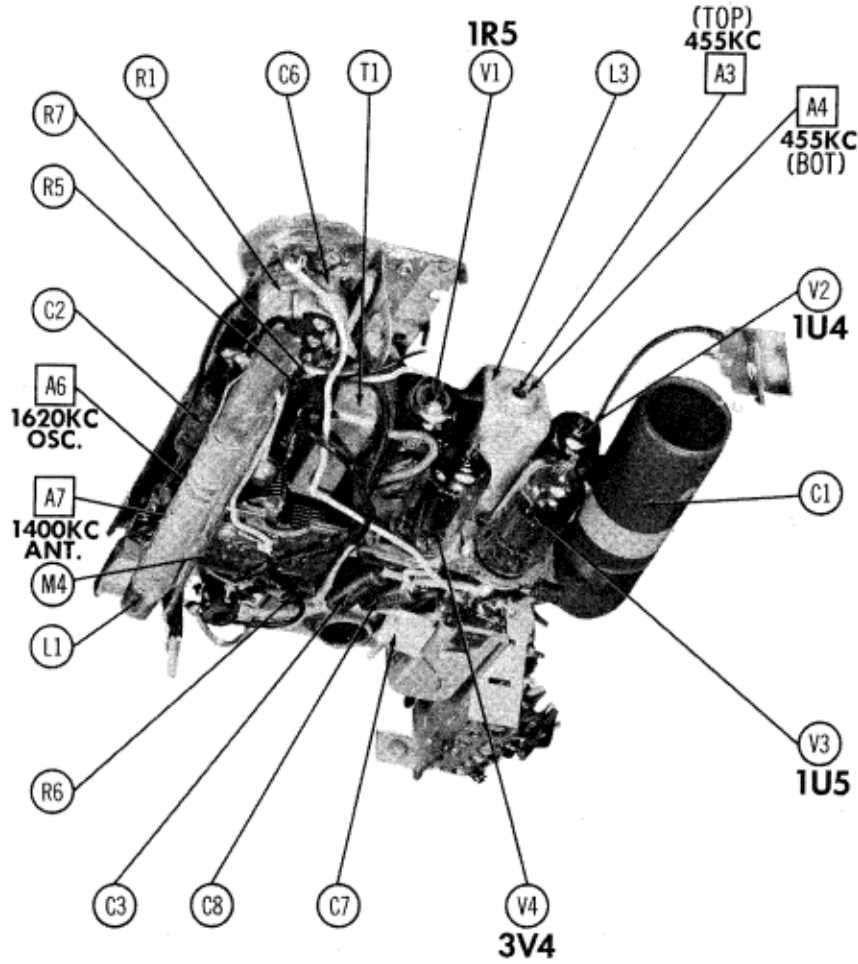


# PARTS LIST AND DESCRIPTIONS TUBES (SYLVANIA or Equivalent)

EMERSON  
MODEL 705A (Ch. 120155A, B)

# CHASSIS—TOP VIEW



ITEM No.	USE	REPLACEMENT DATA			RTMA BASE TYPE	INSTALLATION NOTES
		EMERSON PART No.	STANDARD REPLACEMENT	REPLACEMENT		
V1	Converter	81010	IR5	7AT		
V2	IF Amplifier	80017	1U4	6AR		
V3	Det.-AFC.-AF Amp.	80019	1U5	6EW		
V4	Audio Output	80018	3V4	6BX		

## CAPACITORS

Capacity values given in the rating column are in mfd. for Electrolytic and Paper Capacitors, and in mmfd. for Mica and Ceramic Capacitors.

ITEM No.	RATING CAP. VOLT	REPLACEMENT DATA				NOTES
		EMERSON PART No.	AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	
C1A	80	925227				Red Green Yellow
C1B	30					
C1C	150					
C1D	300					
C1E	400					
C2	.047	920555	P488-047	DF-603	PTE4847	
C3	.01	920553	BPD-01	DD-103	TM581	
C4	3.3	815032	SHL 3R90	TCZ-3.3		
C5	.003	920552	S13000	DC-302		
C6	100	920513	S1100	DC-101	TM571	
C7A	200					
C7B	.001					
C7C	100	928034				
C7D	.01					
C7E	.001					
C8	.002	920551	BPD-002	DD-202	TM502	
C9	.1	920556	P488-1	DF-104	PTE4P1	
C10	.05	920554	P288-05	DF-503	P3285	
C11	.047	923554	4892X-05		P34147	
C12	.05	920555	P488-05		PTE485	

## CONTROLS

ITEM No.	RATING RESISTANCE WATTS	REPLACEMENT DATA			INSTALLATION NOTES
		EMERSON PART No.	IRC PART No.	CLAROSTAT PART No.	
R1	1 Meg	390214			Volume & Switch

## RESISTORS

ITEM No.	RATING OHMS WATT	REPLACEMENT DATA			NOTES
		EMERSON PART No.	IRC PART No.	EMERSON PART No.	
R2	100KΩ	350972	BTS-100K	351332	
R3	15KΩ	340772	BTS-15K	4700	
R4	4.7Meg	351373	BTS-4.7Meg	340412	
R5	3.3Meg	351333	BTS-3.3Meg	340312	
R6	10Meg	351453	BTS-10Meg	340452	
R7	47KΩ	340892	BTS-47K	340452	
R8	10Meg	351452	BTS-10Meg	394018	
R9	4.7Meg	351372	BTS-4.7Meg	1 3/4A -2250	
R10	1 Meg	341212	BTS-1 Meg	BTA-1500	

## TRANSFORMER (AUDIO OUTPUT)

ITEM No.	RATING			REPLACEMENT DATA			NOTES
	IMPEDANCE PRI. SEC.	DC RES. PRI. SEC.	DC RES. PRI. SEC.	EMERSON PART No.	STANCOR PART No.	MERIT PART No.	
T1	9KΩ	3.5Ω	420Ω	.12Ω	734076	A-3329	Chicago one new mounting hole

## SPEAKER

ITEM No.	RATING			REPLACEMENT DATA			NOTES
	SIZE	FIELD	V. C. IMP.	EMERSON PART No.	VIKING PART No.	QUAM PART No.	
SP1	3 1/2"	PM	3.5Ω	180085	3514	3A37	Alternate 3 1/2" PM speaker.