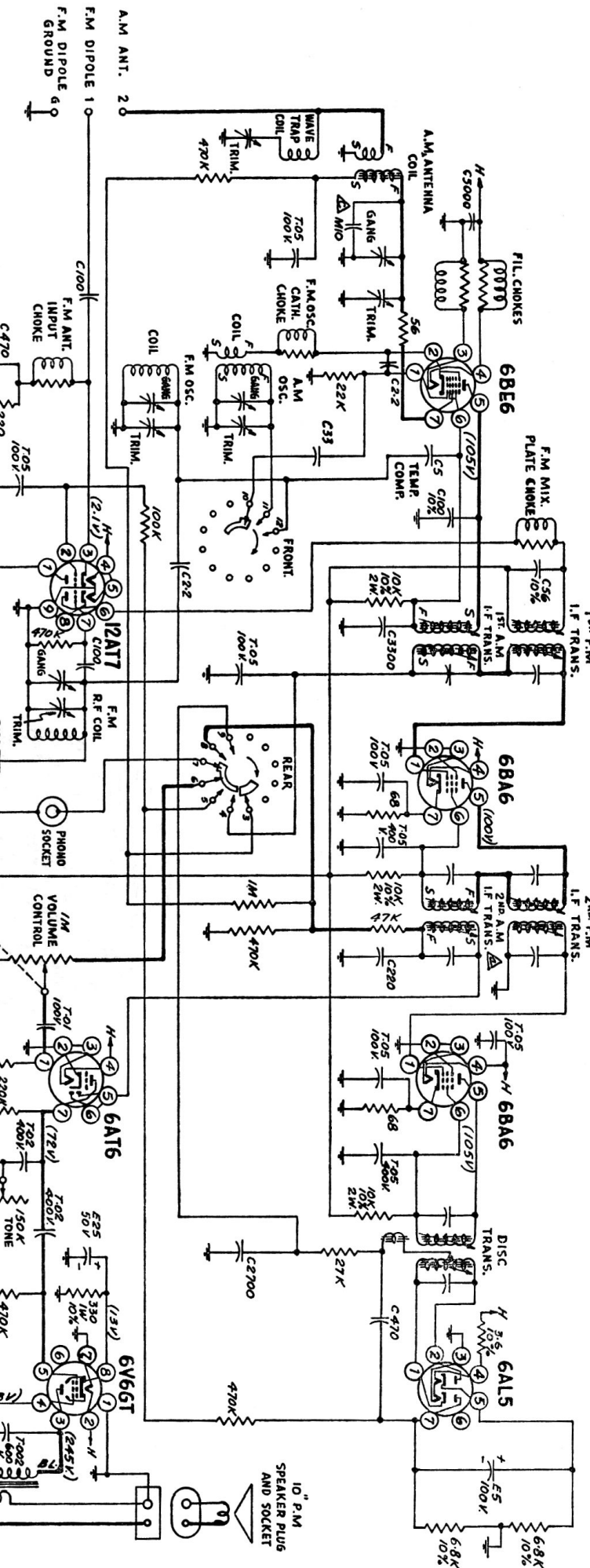
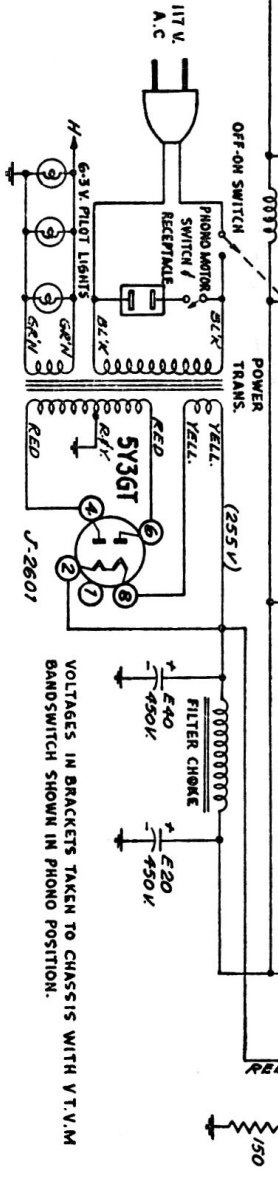


# Electrohome Carleton 3FM, Cosmopolitan 3FM, Rapsody FM, Salon FM, Symphony FM.



ALIGNMENT AND SENSITIVITY  
A.M. GENERATOR MODULATED 30% AT 400 CY. - F.M. GENERATOR MODULATED 22.5 KC. AT 400 CY.

STEP	FREQ.	APPLY SIGNAL TO	THRU DUMMY GANG SWITCH AT	SET BAND SWITCH	ADJUST FOR MAX. OUTPUT	NOMINAL SENSITIVITY FOR STD. OUTPUT	NOTES
1	AT 455 KC.	F.M. ANT. 1 PIN	1 PIN	A.M.	2nd A.M. I.F.	33.00 $\mu$ A	
2	455 KC.	A.M. ANT. 6BE6 1 PIN	1 PIN	A.M.	1st A.M. I.F.	65 $\mu$ A	A.M. STANDARD OUTPUT 15-5 WATT OUTPUT
3	1450 KC.	A.M. ANTENNA (6)		A.M.	A.M. OSC. TRIM.	10 $\mu$ A	
4	600 KC.	A.M. ANTENNA		A.M.	CHECK ONLY	10 $\mu$ A	
5	455 KC.	A.M. ANTENNA		A.M.	WAVE TRAP		ADJUST FOR MINIMUM
6	107 MC.	DRIVER 6BA6 1 PIN		F.M.	DISCRIMINATOR PRI. (BOTOM)	40,000 $\mu$ V.	F.M. STANDARD OUTPUT (SEE BELOW)
7	107 MC.	DRIVER 6BA6 1 PIN		F.M.	DISCRIMINATOR SEC. (TOP)		APPLY 40,000 $\mu$ V. MEASURE D-C AT SWITCH TERMINAL 9 USING V.T.V.M. ADJUST FOR ZERO VOLTAGE BETWEEN + AND - PEAKS.
8	107 MC.	1st I.F. 6BA6 1 PIN		F.M.	2nd F.M. I.F. DISC. PRI.	1100 $\mu$ V.	F.M. STANDARD OUTPUT 15-0.8 V. A.V.C. MEASURED WITH V.T.V.M. AT SWITCH TERMINAL # 5.
9	107 MC.	F.M. R.F. SECT. GANG (ON TOP OF CHASSIS)		F.M.	MAX. CAP.	260 $\mu$ V.	
10	105 MC.	F.M. ANTENNA (TERMINAL 5)		F.M.	1st F.M. I.F. CAP.	20 $\mu$ V.	DUMMY RESISTOR MUST BE NON INDUCTIVE FOR TRUE RESULTS.
11	90 MC.	F.M. ANTENNA		F.M.	CHECK ONLY	20 $\mu$ V.	



C.H. NO.	DATE	CHANGE	SYMBOL	C.K.
3724	9-22-49	5Y3GT ON 117V A.C. I.F. TRIMMER. REFER TO 3724 & 3725.		
3724	9-22-49	PHONO COMP. ADDED (A.M. ANT. GANG TO 6BA6)		

### COMPONENT VALUES

RESISTORS: HALF WATT, UNLESS OTHERWISE NOTED.  
20% TOLERANCE, UNLESS OTHERWISE NOTED.  
M = 1,000,000 OHMS.  
K = 1,000 OHMS.  
CONDENSERS: T = TUBULAR, FOLLOWED BY CAPACITY IN MFD. AND D.C.W.V.  
E = ELECTROLYTIC, FOLLOWED BY CAPACITY IN MFD. AND D.C.W.V.  
C = CERAMIC, FOLLOWED BY CAPACITY IN MMFD. AND TOLERANCE IF CRITICAL.

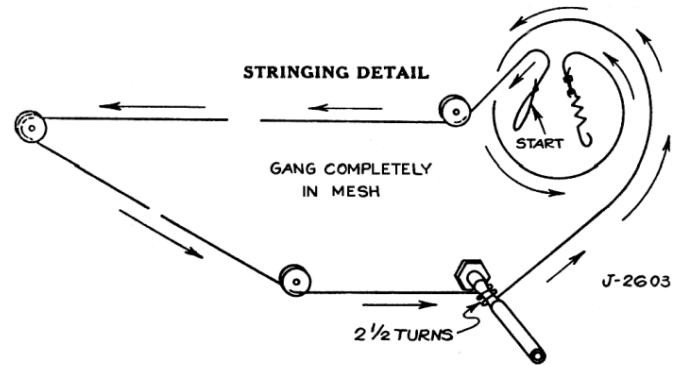
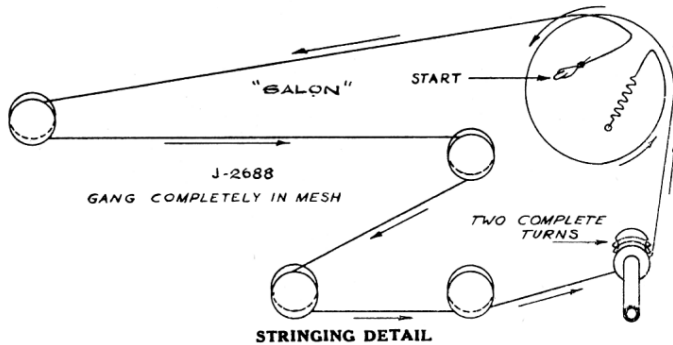
### SPECIFICATIONS

Standard Broadcast Range ..... 585 Kc 1650 Kc  
Intermediate Frequency (AM) ..... 485 Kc  
Intermediate Frequency (FM) ..... 10.7 Mc  
Power Consumption (Radio Only) ..... 74 Watts  
Power Consumption (Radio & Phono) 87 Watts  
Undistorted Output ..... 2 Watts  
Maximum Power Output ..... 4.2 Watts

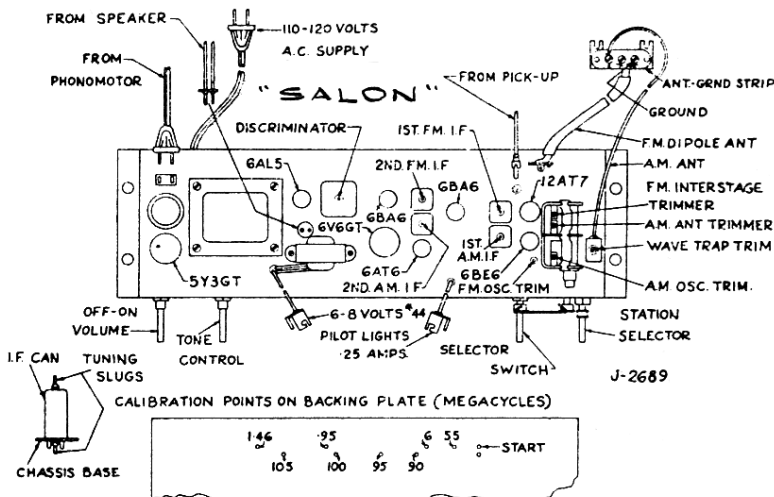
VOLTAGES IN BRACKETS TAKEN TO CHASSIS WITH V.T.V.M.  
BANDSWITCH SHOWN IN PHONO POSITION.

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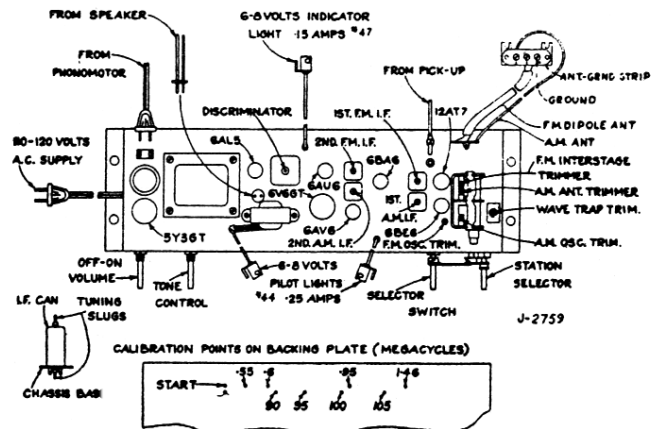
## Dial Cord Stringing



## Chassis Layouts

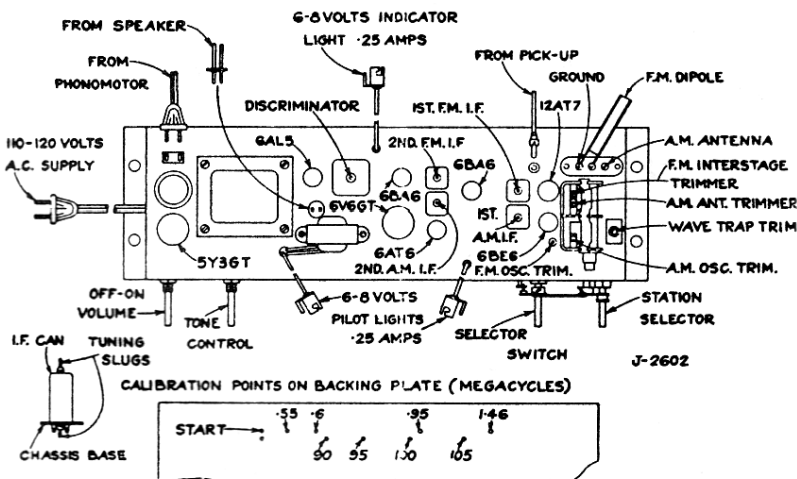


CHASSIS LAYOUT CHART



CHASSIS LAYOUT CHART

↑ RHAPSODY FM  
↑ SYMPHONY FM



CHASSIS LAYOUT CHART

↑ COSMOPOLITAN 3FM  
↑ CARLETON 3FM

## "CARLETON 3 F.M."

### FACTORY MODEL

25 only	PC3CF82-489
60 "	-489Z
25 "	PC3CF82-499
60 "	-499Z
25 "	PC3CF82-4109
60 "	4109Z

## "COSMOPOLITAN 3 F.M."

### FACTORY MODEL

PC3CF82-469	Walnut
-469Z	
	-Mahogany

PC3CF82-479	Autumn Leaf Mah.
-479Z	