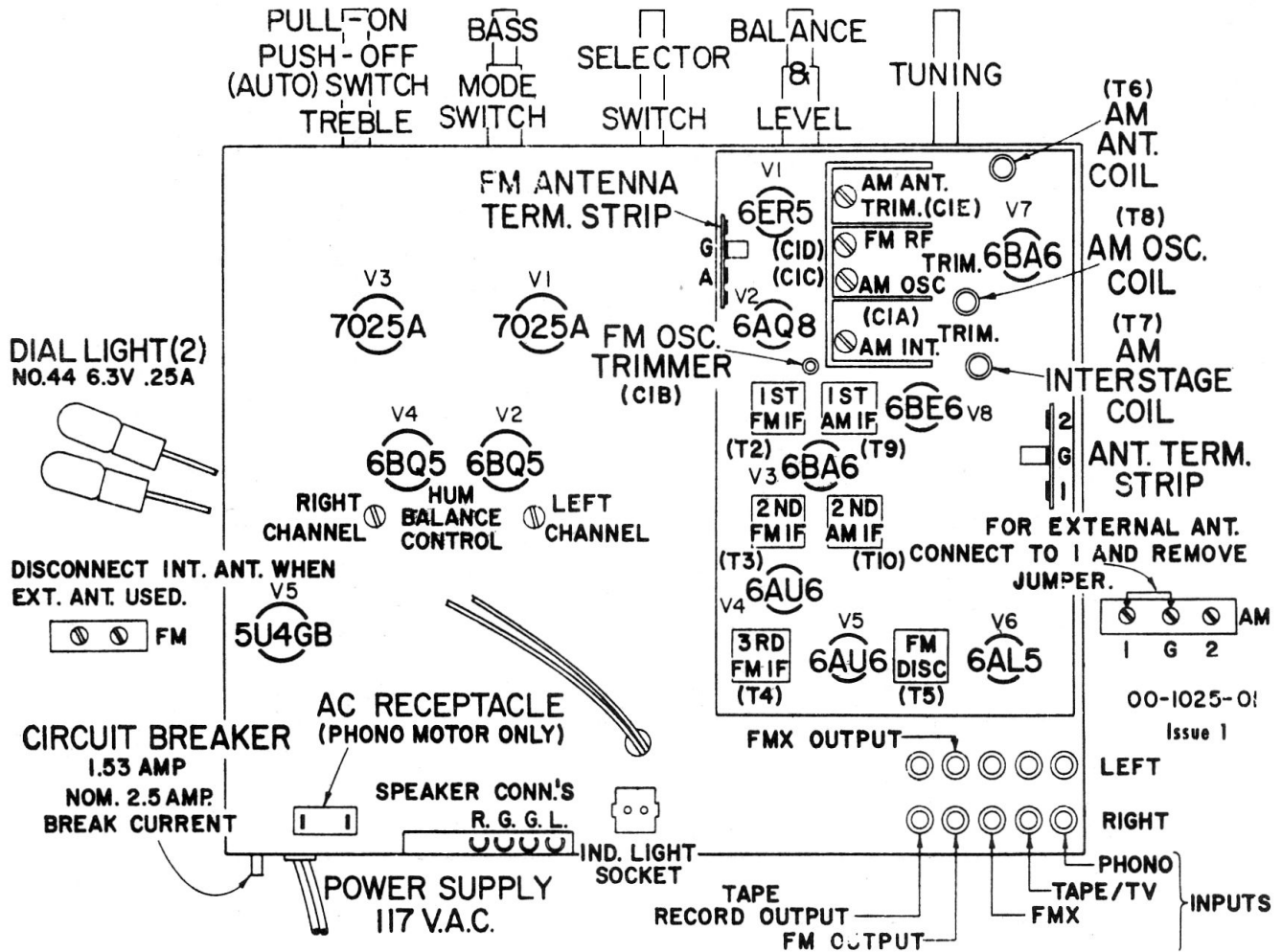
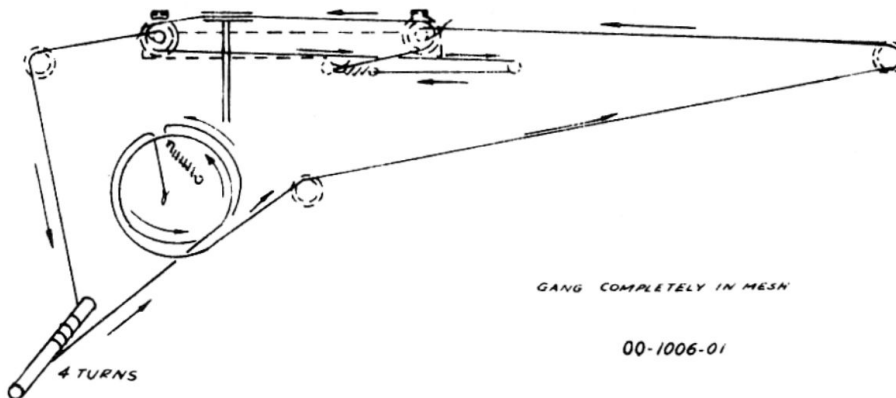


Electrohome Caprice FM MKI

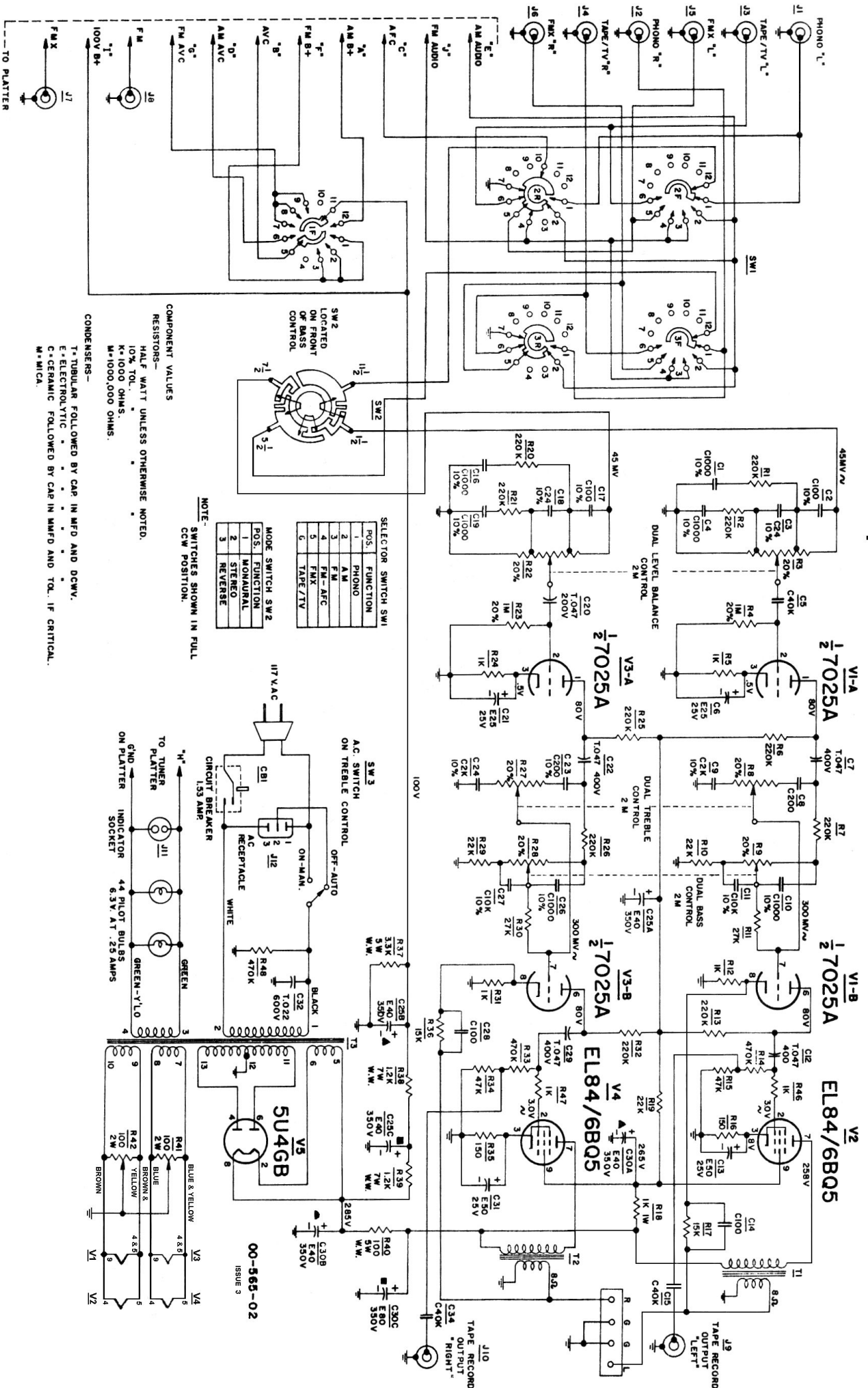
CHASSIS LAYOUT CAPRICE FM MK I



STRINGING DETAIL



Electrohome Caprice FM MKI AM-FM AMPLIFIER SCHEMATIC



SELECTOR SWITCH SW1

POS.	FUNCTION
1	PHONO
2	FM
3	FM - AFC
4	FMX
5	FMX/TV

MODE SWITCH SW2

POS.	FUNCTION
1	MONAURAL
2	STEREO
3	REVERSE

NOTE:
SWITCHES SHOWN IN FULL
C.W. POSITION.

COMPONENT VALUES
RESISTORS—
HALF WATT UNLESS OTHERWISE NOTED.
10% TOL. OHMS.
K=1000 OHMS.
M=1000,000 OHMS.

CONDENSERS—
T=TUBULAR FOLLOWED BY CAP IN MFD AND DCWV.
E=ELECTROLYTIC
C=CERAMIC FOLLOWED BY CAP IN MMFD AND TOL. IF CRITICAL.
M=MICA.

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ISSUE 3

Electrohome Caprice FM MKI AM-FM TUNER ALIGNMENT

STEP	DUMMY ANTENNA	SIGNAL APPLIED TO	FREQ.	MODULATION	BAND-SWITCH SETTING	DIAL POINTER SETTING	INDICATING METER	ADJUST	REMARKS	NOMINAL SENSITIVITY
1	.05 uf	Pin # 1 V3 6BA6	455 Kc/s	400 c.p.s. AM at 30%	AM	600 Kc/s	AC-VTVM To Point "E"	T10 2nd. AM-1F	Adjust for maximum output.	5000 uv for 20 mv output
2	.05 uf	Pin # 7 V8 6BE6	455 Kc/s	400 c.p.s. AM at 30%	AM	600 Kc/s	AC-VTVM To Point "E"	T9 1st. AM-1F	Adjust for maximum output.	350 uv for 20 mv output
3	200 uuf	AM Ant. Term. Strip # 1	600 Kc/s	400 c.p.s. AM at 30%	AM	600 Kc/s	AC-VTVM To Point "E"	T6, T7 and T8	Connect for long wire antenna, adjust for maximum output.	3.5 mv for 20 mv output
4	200 uuf	AM Ant. Term. Strip # 1	1460 Kc/s	400 c.p.s. AM at 30%	AM	1460 Kc/s	AC-VTVM To Point "E"	C1E, C1A and C1C Trimmers	Connect for long wire antenna, adjust for maximum output.	2.5 mv for 20 mv output
5	Repeat steps 3 and 4, check for band coverage at 535 Kc/s - 1650 Kc/s and for tracking at 950 Kc/s.									
6	-	Pin # 1 V4 6AV6	10.7 Mc/s	-	FM	Point of no inter- ference	DC-VTVM To Point "G"	T4 3rd. FM-1F	Adjust for maximum meter deflection.	15000 uv for 1V output
7	-	Pin # 1 V3 6BA6	10.7 Mc/s	-	FM	Point of no inter- ference	DC-VTVM To Point "G"	T3 2nd. FM-1F	Adjust for maximum meter deflection.	250 uv for 1V output
8	-	C1D FM Gang	10.7 Mc/s	-	FM	Point of no inter- ference	DC-VTVM To Point "G"	T2 1st. FM-1F	Adjust for maximum meter deflection.	-
9	-	Pin # 1 V4 6AV6	10.7 Mc/s	-	FM	Point of no inter- ference	DC-VTVM To Pin # 5 of T5	T5 FM Discriminator Primary	Adjust for maximum meter deflection.	10000 uv for 3V output
10	-	Pin # 1 V4 6AV6	10.7 Mc/s	-	FM AFC	Point of no inter- ference	DC-VTVM To Point "C"	T5 FM Discriminator Secondary	Adjust for zero voltage.	-
11	270 ohms	FM-Ant. Term. Strip	90 Mc/s	400 c.p.s. FM 22.5 Kc/s Deviation	FM	90 Mc/s	AC-VTVM To Point "J"	Expand or compress L3 and T1	Adjust for maximum output.	3 uv for 100 mv output
12	270 ohms	FM-Ant. Term. Strip	106 Mc/s	400 c.p.s. FM 22.5 Kc/s Deviation	FM	106 Mc/s	AC-VTVM To Point "J"	C1B and C1D Trimmers	Adjust for maximum output.	2.5 uv for 100 mv output
13	Repeat steps 11 and 12 until output drops at least 20 db. when mod. is turned off.									

NOTE: To achieve more accurate alignment of FM I. F.'s and Discriminator it is preferable to use a proper sweep generator and oscilloscope.