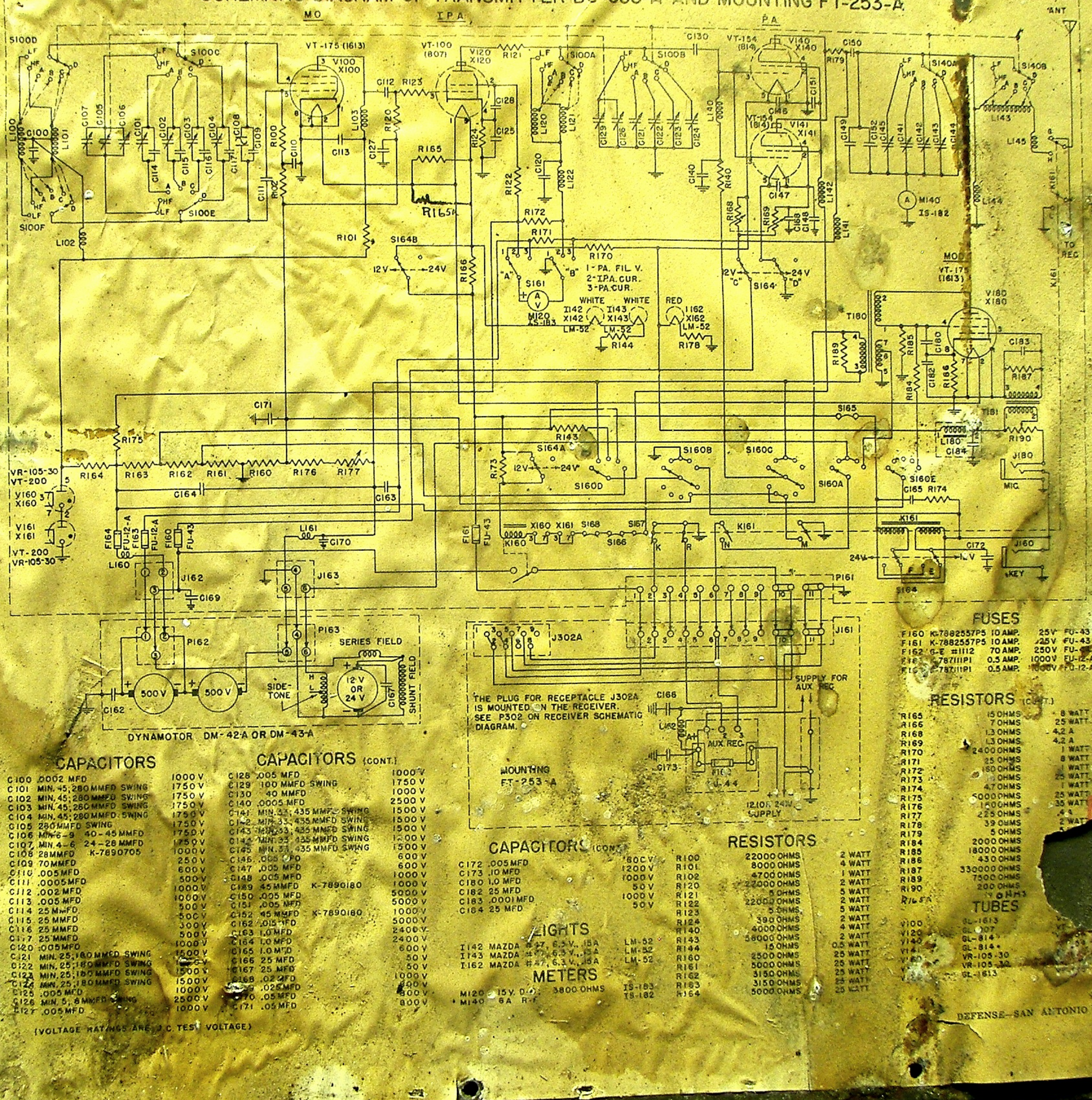
SCHEMATIC DIAGRAM OF TRANSMITTER BC-653-A AND MOUNTING FT-253-A.



CAPACITORS

C100	.0002 MFD	1000 V
C101	MIN. 45; 280 MMFD SWING	1750 V
C102	MIN. 45; 280 MMFD SWING	1750 V
C103	MIN. 45; 280 MMFD SWING	1750 V
C104	MIN. 45; 280 MMFD SWING	1750 V
C105	280 MMFD SWING	1750 V
C106	MIN. 6-9 40-45 MMFD	1750 V
C107	MIN. 4-6 24-28 MMFD	1750 V
C108	28 MMFD K-7690705	1000 V
C109	70 MMFD	250 V
C110	.005 MFD	600 V
C111	.0005 MFD	500 V
C112	.002 MFD	1000 V
C113	.005 MFD	1000 V
C114	25 MMFD	500 V
C115	25 MMFD	500 V
C116	25 MMFD	500 V
C117	25 MMFD	1000 V
C120	.005 MFD	1500 V
C121	MIN. 25; 180 MMFD SWING	1500 V
C122	MIN. 25; 180 MMFD SWING	1500 V
C123	MIN. 25; 180 MMFD SWING	1500 V
C124	MIN. 25; 180 MMFD SWING	1500 V
C125	.005 MFD	1000 V
C126	MIN. 5; 8 MMFD SWING	2500 V
C127	.005 MFD	1000 V

CAPACITORS (CONT.)

C128	.005 MFD	1000 V
C129	100 MMFD SWING	1750 V
C130	40 MMFD	1000 V
C140	.0005 MFD	2500 V
C141	MIN. 33; 435 MMFD SWING	1500 V
C142	MIN. 33; 435 MMFD SWING	1500 V
C143	MIN. 33; 435 MMFD SWING	1500 V
C144	MIN. 33; 435 MMFD SWING	1500 V
C145	MIN. 33; 435 MMFD SWING	1500 V
C146	.005 MFD	600 V
C147	.005 MFD	600 V
C148	.005 MFD	1000 V
C149	45 MMFD K-7890180	1000 V
C150	.005 MFD	5000 V
C151	.005 MFD	5000 V
C152	45 MMFD K-7890180	1000 V
C162	.015 MFD	5000 V
C163	1.0 MFD	2400 V
C164	1.0 MFD	2400 V
C165	1.0 MFD	600 V
C166	25 MFD	50 V
C167	25 MFD	50 V
C168	.022 MFD	1000 V
C169	.025 MFD	600 V
C170	.05 MFD	600 V
C171	.05 MFD	600 V

(VOLTAGE RATINGS ARE D.C. TEST VOLTAGE)

CAPACITORS (CONT.)

C172	.005 MFD	600 V
C173	.10 MFD	1200 V
C180	1.0 MFD	1000 V
C182	25 MFD	50 V
C183	.0001 MFD	1000 V
C184	25 MFD	50 V

LIGHTS

I142	MAZDA #47, 6.3 V., .15 A	LM-52
I143	MAZDA #47, 6.3 V., .15 A	LM-52
I162	MAZDA #47, 6.3 V., .15 A	LM-52

METERS

M120	15 V. D.C.	3800 OHMS
M140	6 A R-F	

RESISTORS

R100	22000 OHMS	2 WATT
R101	8000 OHMS	4 WATT
R102	4700 OHMS	1 WATT
R120	22000 OHMS	2 WATT
R121	5 OHMS	5 WATT
R122	22000 OHMS	2 WATT
R123	5 OHMS	5 WATT
R124	390 OHMS	2 WATT
R140	4000 OHMS	4 WATT
R143	56000 OHMS	2 WATT
R144	15 OHMS	0.5 WATT
R160	2500 OHMS	25 WATT
R161	5000 OHMS	25 WATT
R162	3150 OHMS	25 WATT
R163	3150 OHMS	25 WATT
R164	5000 OHMS	25 WATT

FUSES

F160	K-7882557P5	10 AMP. 25V	FU-43
F161	K-7882557P5	10 AMP. 25V	FU-43
F162	G-E #1112	70 AMP. 250V	FU-[illegible]
F163	-787111P1	0.5 AMP. 1000V	FU-12-A
F164	-787111P1	0.5 AMP. 1000V	FU-12-A

RESISTORS (CONT.)

R165	15 OHMS	8 WATT
R166	7 OHMS	25 WATT
R168	1.3 OHMS	4.2 A
R169	1.3 OHMS	4.2 A
R170	2400 OHMS	1 WATT
R171	25 OHMS	8 WATT
R172	150 OHMS	1 WATT
R173	[illegible] OHMS	25 WATT
R174	4.7 OHMS	1 WATT
R175	50000 OHMS	25 WATT
R176	1600 OHMS	35 WATT
R177	225 OHMS	.4 A
R178	39 OHMS	2 WATT
R179	5 OHMS	[illegible]
R184	2000 OHMS	
R185	18000 OHMS	
R186	430 OHMS	
R187	330000 OHMS	
R189	7500 OHMS	
R190	200 OHMS	
R165A	[illegible] OHMS	

TUBES

V100	GL-1613
V120	GL-807
V140	GL-814
V141	GL-814
V160	VR-105-30
V161	VR-105-30
V180	GL-1613

DEFENSE—SAN ANTONIO