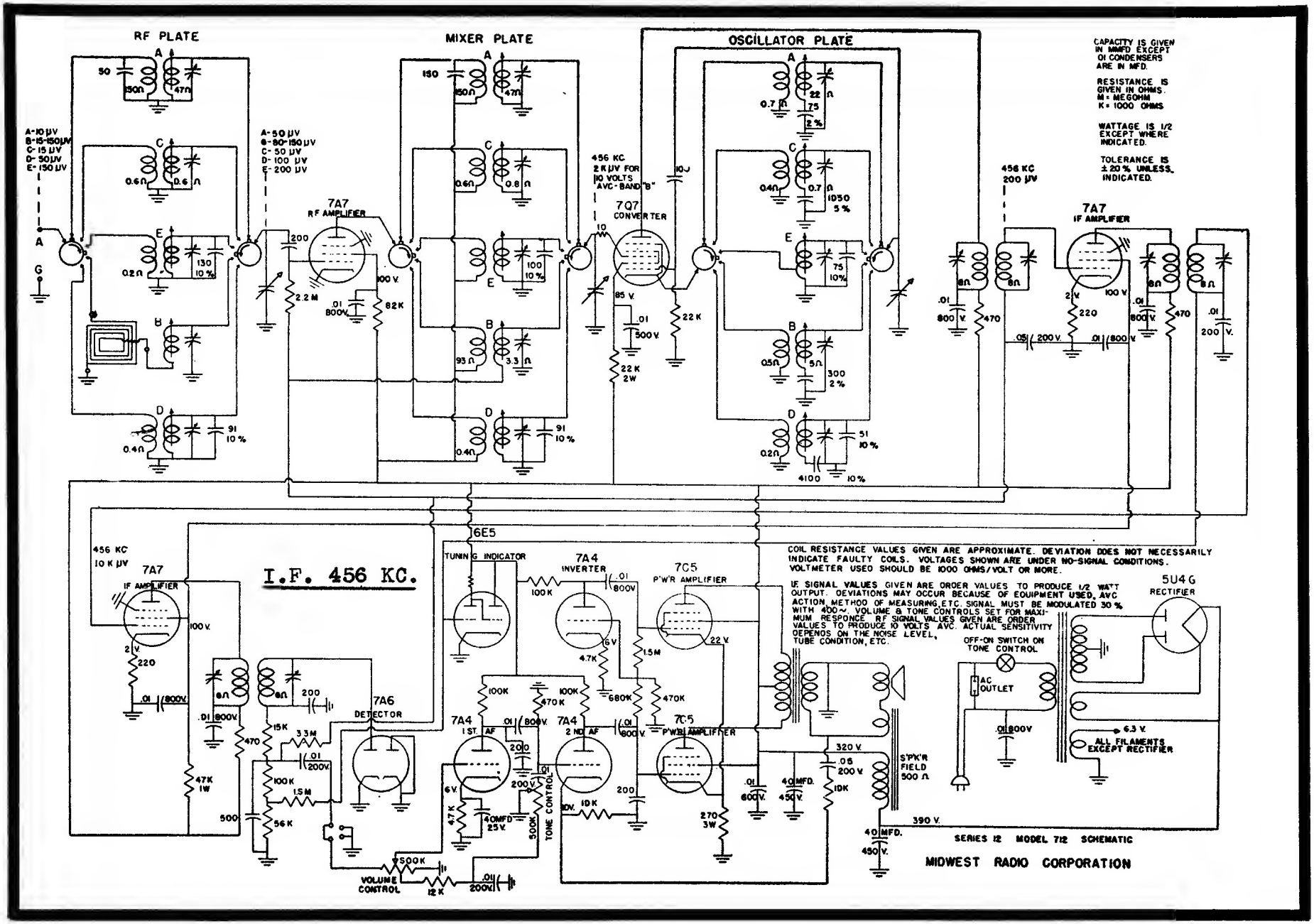
RF PLATE
MIXER PLATE
OSCILLATOR PLATE
A-10 µV
B-15-150 µV
C-15 µV
D-50 µV
E-150 µV
A-50 µV
B-80-150 µV
C-50 µV
D-100 µV
E-200 µV
7A7
RF AMPLIFIER
456 KC
2 K µV FOR
10 VOLTS
AVC-BAND "B"
7Q7
CONVERTER
456 KC
200 µV
7A7
IF AMPLIFIER
CAPACITY IS GIVEN IN MMFD EXCEPT 01 CONDENSERS ARE IN MFD.
RESISTANCE IS GIVEN IN OHMS. M = MEGOHM K = 1000 OHMS
WATTAGE IS 1/2 EXCEPT WHERE INDICATED.
TOLERANCE IS ±20% UNLESS INDICATED.
I.F. 456 KC.
456 KC
10 K µV
7A7
IF AMPLIFIER
6E5
TUNING INDICATOR
7A4
INVERTER
7C5
P'WR AMPLIFIER
5U4G
RECTIFIER
7A6
DETECTOR
7A4
1ST. AF
7A4
2 ND AF
7C5
P'WR AMPLIFIER
COIL RESISTANCE VALUES GIVEN ARE APPROXIMATE. DEVIATION DOES NOT NECESSARILY INDICATE FAULTY COILS. VOLTAGES SHOWN ARE UNDER NO-SIGNAL CONDITIONS. VOLTMETER USED SHOULD BE 1000 OHMS/VOLT OR MORE.
IF SIGNAL VALUES GIVEN ARE ORDER VALUES TO PRODUCE 1/2 WATT OUTPUT. DEVIATIONS MAY OCCUR BECAUSE OF EQUIPMENT USED, AVC ACTION, METHOD OF MEASURING, ETC. SIGNAL MUST BE MODULATED 30% WITH 400 ~. VOLUME & TONE CONTROLS SET FOR MAXIMUM RESPONCE. RF SIGNAL VALUES GIVEN ARE ORDER VALUES TO PRODUCE 10 VOLTS AVC. ACTUAL SENSITIVITY DEPENDS ON THE NOISE LEVEL, TUBE CONDITION, ETC.
OFF-ON SWITCH ON TONE CONTROL
AC OUTLET
VOLUME CONTROL
TONE CONTROL
S'PK'R FIELD 500 Ω
ALL FILAMENTS EXCEPT RECTIFIER
SERIES 12 MODEL 712 SCHEMATIC
MIDWEST RADIO CORPORATION