



IAC5

IAC5

POWER PENTODE

SUBMINIATURE TYPE

GENERAL DATA**Electrical:**

Filament, Coated:

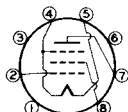
Voltage	1.25	dc volts
Current	0.04	amp

Mechanical:

Mounting Position	Any
Maximum Overall Length	1-3/4"
Maximum Seated Length	1-1/2"
Length, Base Seat to Bulb Top (excluding tip)	1.200" $\pm$ 0.060"
Maximum Diameter	0.4"
Bulb	T-3
Base	Small-Button Sub-minar 8-Pin

BOTTOM VIEW

- Pin 1—No Connection
 Pin 2—Grid No.1
 Pin 3—No Connection
 Pin 4—Filament (-),
 Grid No.3



- Pin 5—Filament (+)
 Pin 6—No Connection
 Pin 7—Plate
 Pin 8—Grid No.2

AMPLIFIER - Class A₁**Maximum Ratings, Design-Center Values:**

PLATE VOLTAGE	67.5 max.	volts
GRID-No. 2 (SCREEN) VOLTAGE	67.5 max.	volts
TOTAL CATHODE CURRENT	4.0 max.	ma

Typical Operation and Characteristics:

Plate Voltage	30	45	67.5	volts
Grid-No.2 Voltage	30	45	67.5	volts
Grid-No.1 (Control-Grid) Voltage	-2	-3	-4.5	volts
Peak AF Grid-No.1 Voltage	2	3	4.5	volts
Zero-Signal Plate Current	0.5	1.0	2.0	ma
Zero-Signal Grid-No.2 Current	0.1	0.2	0.4	ma
Plate Resistance	0.2	0.17	0.15	megohm
Transconductance	450	600	750	μ mhos
Load Resistance	50000	40000	25000	ohms
Total Harmonic Distortion	10	10	10	%
Max.-Signal Power Output	5	15	50	mw

SEPT. 15, 1949

TUBE DEPARTMENT

TENTATIVE DATA

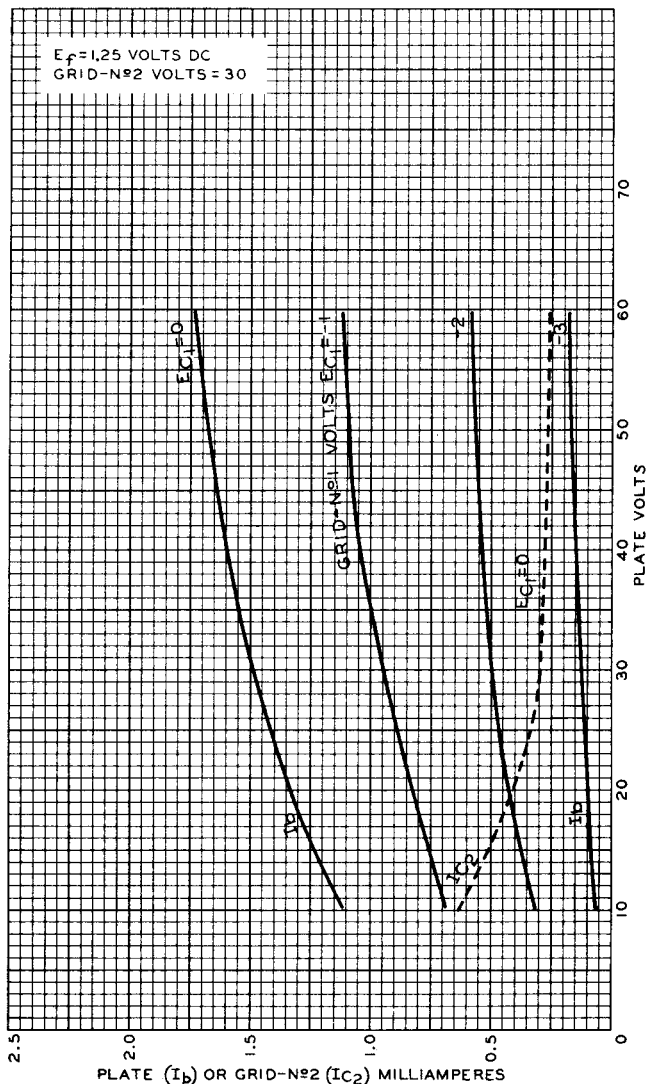
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

IAC5



IAC5

AVERAGE PLATE CHARACTERISTICS



APRIL 12, 1949
 TUBE DEPARTMENT

92CM-7245

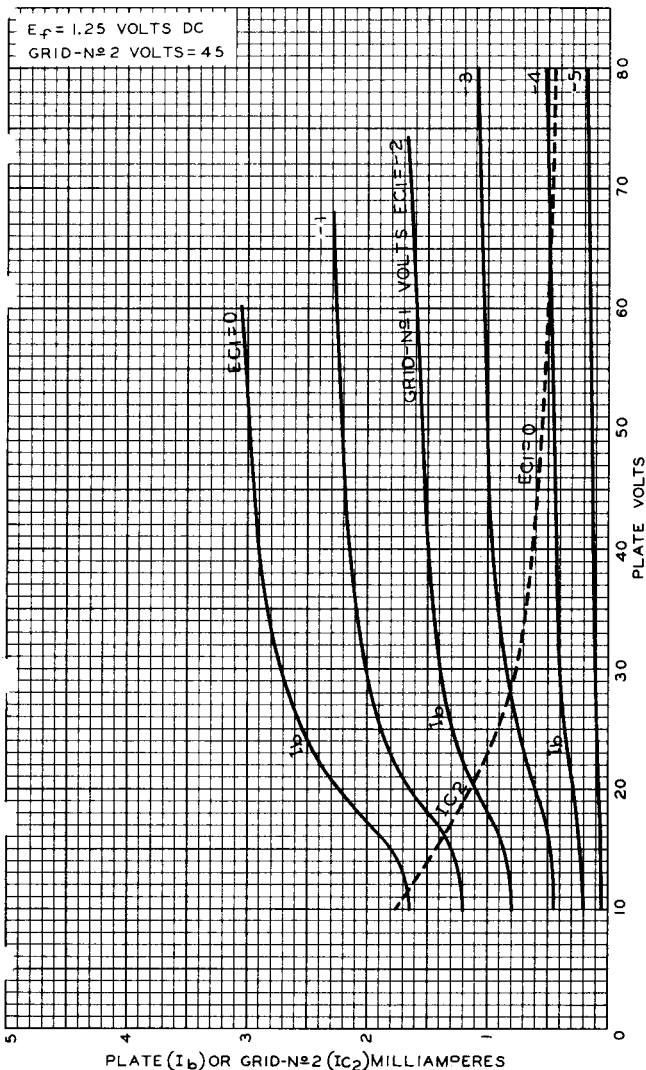
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY



IAC5

IAC5

AVERAGE PLATE CHARACTERISTICS



APRIL 26, 1949

TUBE DEPARTMENT
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

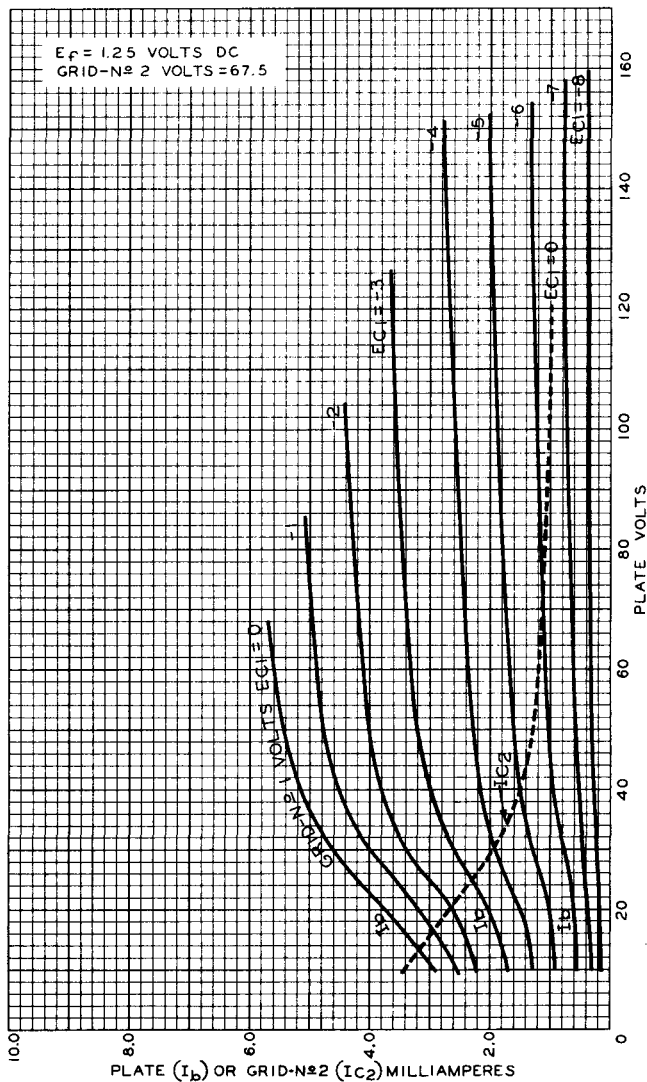
92CM-7261

IAC5



IAC5

AVERAGE PLATE CHARACTERISTICS



APRIL 13, 1949

TUBE DEPARTMENT

92CM-7247

RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY