



IAC5

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POWER PENTODE

SUBMINIATURE TYPE

GENERAL DATA

Electrical:

Filament, Coated:

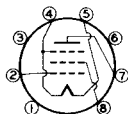
Voltage	1.25	dc volts
Current	0.04	amp

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" ± 0.060"
Maximum Diameter	0.4"
Bulb	T-3
Base	Small-Button Sub-miniatur 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:

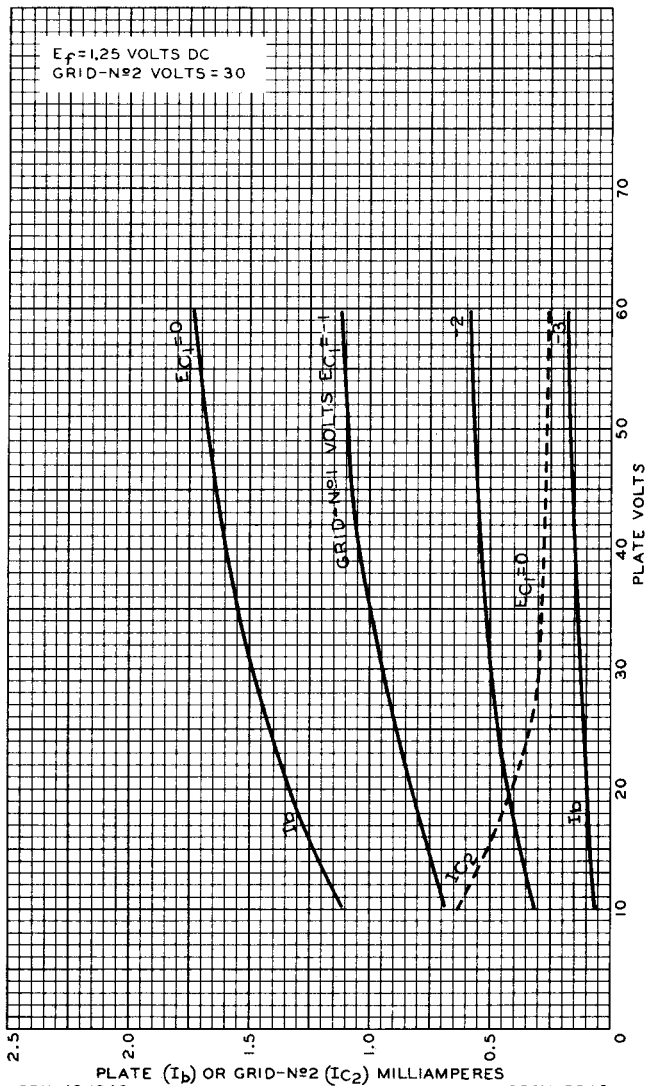
Plate Voltage	30	45	67.5	volts
Grid-No.2 Voltage	30	45	67.5	volts
Grid-No.1 (Control-Grid) Voltage	-2	-3	-4.5	volts
Peak AF Grid-No.1 Voltage	2	3	4.5	volts
Zero-Signal Plate Current	0.5	1.0	2.0	ma
Zero-Signal Grid-No.2 Current	0.1	0.2	0.4	ma
Plate Resistance	0.2	0.17	0.15	megohm
Transconductance	450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

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AVERAGE PLATE CHARACTERISTICS



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92CM-7245

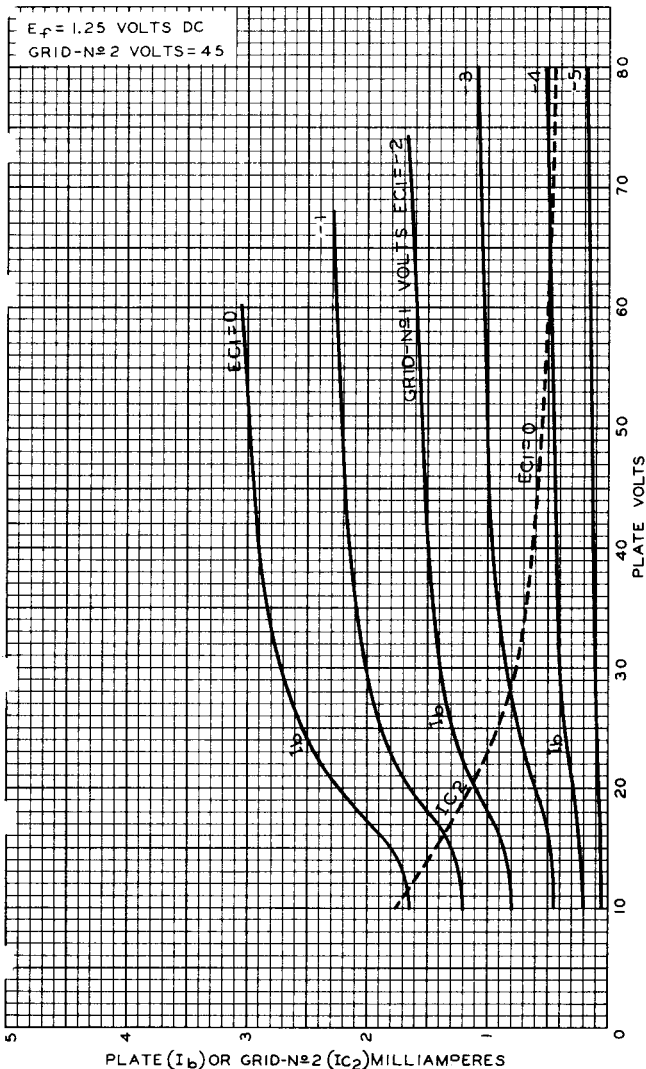
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AVERAGE PLATE CHARACTERISTICS



APRIL 26, 1949

TUBE DEPARTMENT
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

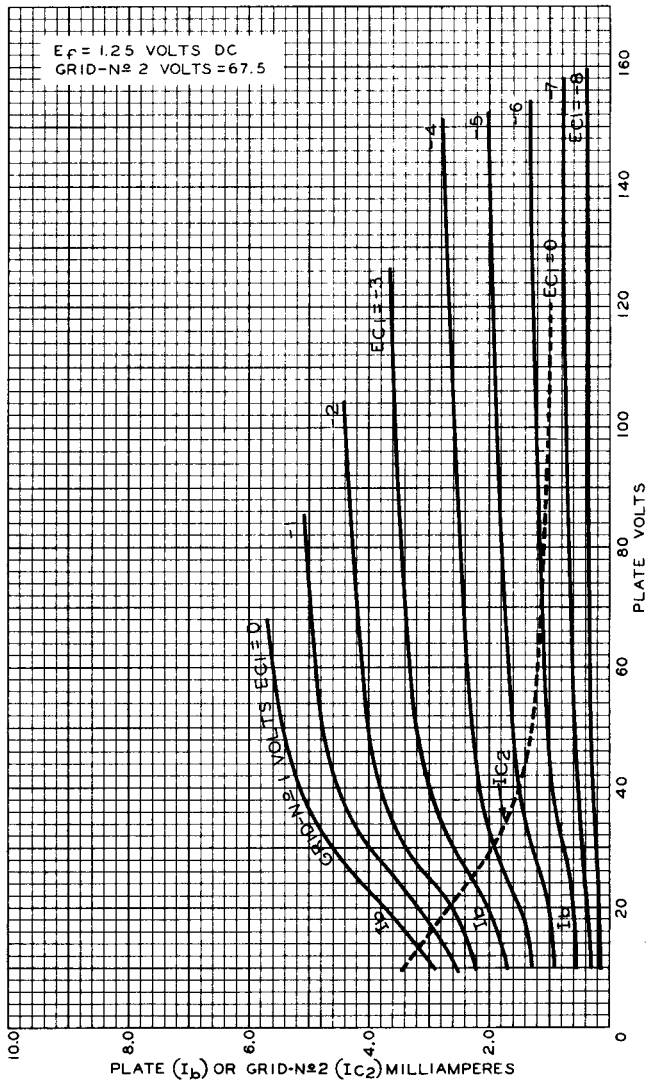
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AVERAGE PLATE CHARACTERISTICS



APRIL 13, 1949

TUBE DEPARTMENT

92CM-7247

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