

CHARACTERISTICS AND TYPICAL OPERATION

Plate Voltage	250 Volts
Grid No. 2 Voltage	150 Volts
Grid No. 1 Voltage	-22.5 Volts
Plate Current	70 Ma
Grid No. 2 Current	2.1 Ma
Transconductance	7100 μ mhos
Amplification Factor ⁽³⁾	4.4
Plate Resistance.....	15,000 Ohms
Ec1 for Ib = 1 Ma (Approx.).....	-42 Volts

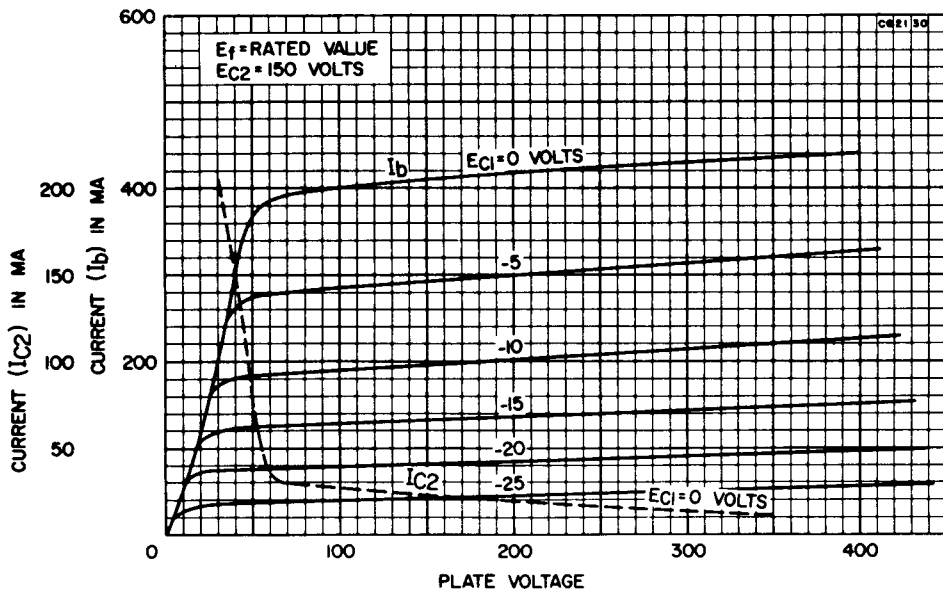
INSTANTANEOUS PLATE KNEE VALUES

Eb = 60 V, Ec2 = 150 V and Ec1 = 0 V;
Ib = 390 Ma; and Ic2 = 32 Ma

NOTES:

- (1) For operation in a 525 line, 30 frame system as described in "Standards of Good Engineering Practice for Television Broadcast Stations; Federal Communications Commission," the duty cycle of the voltage pulse must not exceed 15% of one horizontal scanning cycle.
- (2) In stages operating with grid leak bias, an adequate cathode bias resistor or other suitable means is required to protect the tube in the absence of excitation.
- (3) Amplification factor with tube operating as a triode with 150 volts on the plate and Grid No. 2 and -22.5 volts on Grid No. 1.

AVERAGE PLATE CHARACTERISTICS



HORIZONTAL DEFLECTION AMPLIFIER

6GJ5A

12GJ5A, 17GJ5A

Beam Power Pentode

ConstructionNovar T-12
 BaseNovar Button 9 Pin, E9-88
 (Exhaust Tip on Base)
 Top CapC1-2, C1-3 or C1-33
 Basing9QK
 Outline
 Maximum Diameter1.562 In.
 Maximum Seated Height3.125 In.
 Maximum Overall Height3.505 In.
 The 6GJ5A, 12GJ5A, and 17GJ5A are identical to the 6GJ5, 12GJ5, and 17GJ5 except for base with exhaust tip at bottom and shorter bulb.

