## ATELIERS BELVU 6885 FEAM POWER AMPLIFIER

Ateliers 2010a 6005 is a 9-pin miniature type beam power amplifier providing high power censitivity and high power output with comparatively low supply voltage. This take is especially useful in audio frequency, wideo, and vertical deflection amplifiers particularly on receivers utilizing a wide-angle kinescope.

## GENERAL DATA

## Electrical:

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Vo	liege	÷	÷	5	a	¢	¢	ç	¢	Ċ	÷	¢	a	e	0	٥	¢	e	¢	6.3	volts	
																					amp.	
Direct															0					0.3	ຫລາເມນາໂ	

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Enpolt -		-	5	۰,	o	e	÷			c.	٨	:	•	5	•	Ŷ	ç	c	9.5		uuf
Output,	£	<b>,</b> ,	c	د	17	٠		L				,	ø	٥	0	¢	o	¢	4.5		uuſ

Mechanical:

Mounting Position	ø	¢.	*1	•	0	÷		,	-	-	٠.	~	٥	e	0	Ŷ	¢	•	÷	c	-	a	. Any
Bulb,	9		•:				<i>,</i> •	5	2		ø	e	0	o	0	n.	c	-	c	¢	ò	6	T-6-1/2
Base	•	6			,		•	e		c	•		c	•	P	lie	(i.	a ti	are	2 ]	3u	tt	on 9-Pin

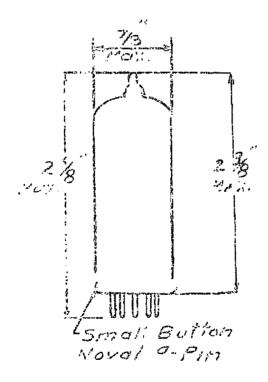
## AF POWER AMPLIFIER

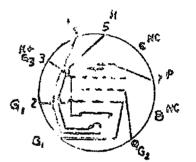
Typical Operation and Characteristics:

Plate Voltage	· .	-	3 8	'n	5	3	6	c	c	•	0	.,	· · ·	250	volts
Grid No. 2 (screen) Voltage	ł			0	3	5	þ	2	•	o	9	a	o 2	250	volts
Grid No. 1 (control grid) V	۲ <mark>0</mark> 31	tage	۶.,	a	0	۵	e	•	ç	•	0	\$	0	-7.5	volts
Zero Signal Plate Current .	. =	ð	· c	n	•	a	c	۰	¢.	,		۴		50	ma
Zero Signal Guid No. 2 Curr	•en?	ι.		J	٥	9	¢	c	3	•	ø	9	,	6	ma
Amplification Factor		9		'n	••	5	٠	•	0	¢	4	•	ر د	120	
- Plate Resistence (approx) -	. c	•	- 5	n	Ð	a	0	œ	ę	Q	s	¢	.17(	000	ohns
Trancopacuetence	,	D	n n	~	٥	0	¢	c	•	e	a,	0	. 70	000	umhos
Load Resistance	e	٦	່ວ	0	0	¢	0	٥	0	÷	n	a	- 50	200	ohms
Cathede Bizs Resistor ,														1,10	ohms
AF Grid No. 1 Voltage (RMS)	5	0	, .		ø	6	c	9	0	0	ø	0	•	5,35	volts
Total Marmonic Distortion ;	; c	<u>م</u>	> 0	ø	c	o	7	•	0	e	¢	÷	÷	6 max	50
Max. Signal Power Output .		o -	5 O	n	÷	Ð	•	•	٥	0	ø	e	n	4.5	watts
Plate Dissipation	n n	0	, .	c	0	ه	÷	0	÷	r	n	¢	0	12.5 max	watto
Grid No. 2 Dissipation	• •	с	• •	•	0	¢	¢	0	٥	a	c	6	÷	2 max	watts
Grid No. 1 Circuit Resistan	ice	:													
For Fixed Bias	, e	· •	. r	٦	ø	0	Ģ	ą	0	¢.	0	o	o	0.1 max	megohn
For Cathode Eias 🔒 🔒	5 D	r	•	c	ę	÷	¢	e	ø	•	3	0	,	0.5  max	megohm

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	6855	;
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	Page 2
Peak Heater-Cathole Voltage: Heater regarive with respect to Heater pesitive with respect to	
Discosional Outline 6385	Socket Connections Bostom View (Basing No. 900





Pin 1 = Grid 1 Pin 2 = Grid 1 Pin 3 = Cathods & Grid No.3 Full = Heater Fin 5 = Heater Fin 6 = No connection Pin 7 = Plate Pin 8 = No connection Pin 9 = Grid No. 2

