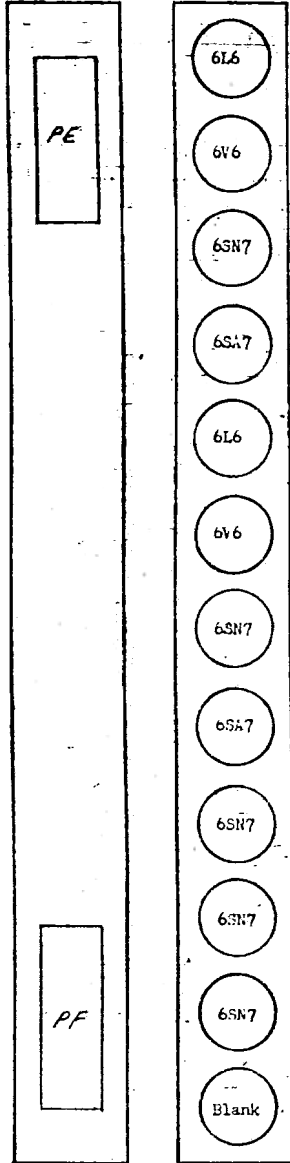


STATIC TESTS

Pin No. Reference Voltage	VOLTAGE AT PIN NUMBER							
	1	2	3	4	5	6	7	8
-140	140 140 ---	140 140 ---	290 290 ---	290 290 ---	100 100 ---	---	140 140 ---	140 140 ---
-140	140 140 ---	140 140 ---	290 290 ---	215 215 ---	140 155 ---	---	140 140 ---	140 160 ---
-140	215 105 ---	215 215 ---	140 160 ---	-160 101 ---	215 105 ---	100 100 ---	140 140 ---	140 140 ---
-140	160 160 ---	140 140 ---	290 290 ---	215 215 ---	140 140 ---	160 160 ---	140 140 ---	160 160 ---
-140	140 140 ---	140 140 ---	290 290 ---	290 290 ---	100 100 ---	---	140 140 ---	140 140 ---
-140	140 140 ---	140 140 ---	290 290 ---	215 215 ---	140 155 ---	---	140 140 ---	140 160 ---
-140	215 105 ---	215 215 ---	140 160 ---	160 101 ---	215 105 ---	100 100 ---	140 140 ---	140 140 ---
-140	160 160 ---	140 140 ---	290 290 ---	215 215 ---	140 140 ---	160 160 ---	140 140 ---	160 160 ---
-140	95 66 ---	137 85 ---	65 65 ---	137 85 ---	290 290 ---	130 130 ---	55 55 ---	55 55 ---
-140	95 66 ---	137 85 ---	65 65 ---	137 85 ---	290 290 ---	130 130 ---	55 55 ---	55 55 ---
-140	140 140 ---	290 290 ---	160 160 ---	140 140 ---	290 290 ---	160 160 ---	140 140 ---	140 140 ---
---	---	---	---	---	---	---	---	---



LEGEND
 125 Rise out
 60 Rise in

 125 Tube Out
 150 Tube In Neon Off
 170 Tube In Neon ON

Note: This chart is prepared for use with Simpson Meter Model 260 (20,000 Ohms per volt)

DYNAMIC TESTS

- Positive pulse train and negative pulse train operate unit. Master programmer decade 8-101 needed as auxiliary to operate unit.
- Check operation of decade from both pulse formers respectively by means of switch with the positive pulse train and then with negative pulse train; decade to operate over 200 k.c. and from ≤ 130 to > 150 with clear tube replaced by resistor plug-in.
 - Check $\geq 55V.$ and less than one-half micro second rise time on P. F. 12 and 11 for input switch positions 1 and 2 respectively with gate switch in on position. With gate switch off, pulses disappear.
 - Check input sensitivity to $\geq 15V$ on pulse former #1 and #2.

MOORE SCHOOL OF ELECTRICAL ENGINEERING
UNIVERSITY OF PENNSYLVANIA

M.P. PULSE FORMER & CARRY OVER PLUG-IN UNIT TEST USE GIPRET

MATERIAL: _____

SCALE: _____

Drawn by: **H. COVERT**
 June 9, 1945

Checked by: *[Signature]*
 6/27/45

Approved by: *[Signature]*

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