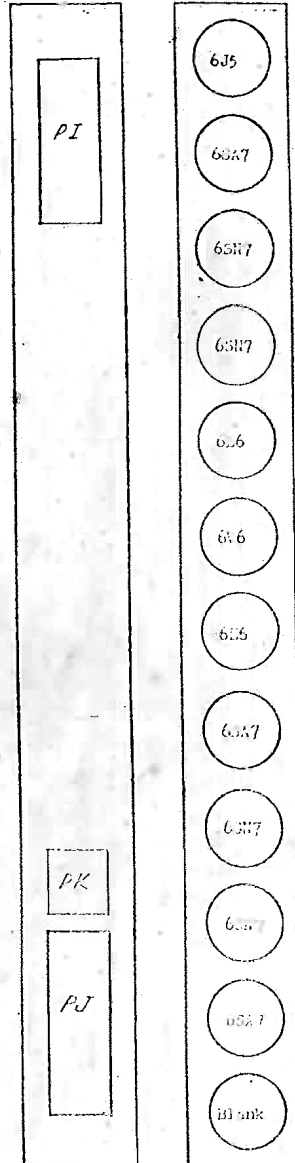


STATIC TESTS

VOLTAGE REFERENCE VOLTAGE	VOLTAGE AT PIN NUMBER							
	1	2	3	4	5	6	7	8
-450	75 75 ---	155 155 ---	132 132 ---	---	35 35 ---	---	155 155 ---	75 75 ---
-450	130 130 ---	155 155 ---	250 250 ---	205 205 ---	105 105 ---	130 130 ---	155 155 ---	132 132 ---
-199	125 110 ---	305 111 ---	115 115 ---	125 110 ---	305 112 ---	115 110 ---	115 110 ---	115 110 ---
-199	305 143 ---	310 260 ---	115 160 ---	305 160 ---	310 175 ---	115 160 ---	115 115 ---	115 115 ---
-199	200 200 ---	200 200 ---	425 425 ---	425 425 ---	250 115 ---	---	200 200 ---	200 200 ---
-199	70 70 ---	70 70 ---	250 145 ---	250 135 ---	95 70 ---	---	70 70 ---	70 70 ---
-199	200 200 ---	200 200 ---	425 425 ---	425 425 ---	200 115 ---	---	200 200 ---	200 200 ---
-199	200 200 ---	200 200 ---	305 305 ---	275 275 ---	200 200 ---	220 200 ---	200 200 ---	300 175 ---
-199	210 210 ---	305 305 ---	---	132 132 ---	110 130 ---	130 130 ---	155 155 ---	175 175 ---
-199	130 130 ---	200 200 ---	---	---	---	200 200 ---	155 155 ---	175 175 ---
-199	105 105 ---	105 105 ---	---	---	105 105 ---	105 105 ---	105 105 ---	105 105 ---
---	---	---	---	---	---	---	---	---



LEGEND

- 125 Tube Out
- 60 Tube In
- 125 Tube Out
- 130 Tube In / Near Off
- 170 Tube In / Near On

Note: This chart is prepared for use with Simpson Meter - Model 460 (20,000 Ohms per volt.)

DYNAMIC TESTS:-

- Variable positive pulse operates unit.
1. Check clearing by operation of clear switch. Check negative > 40 v. pulse of > .5 micro seconds rise time on PI 1.
 2. Put gate switch to off position, synchronize flip flop to work, and positive pulse of more than 40 volts of less than .2 micro seconds rise time should appear on PI 5.
 3. Gate switch in on position stops operations of #2.

MOORE SCHOOL OF ELECTRICAL ENGINEERING
UNIVERSITY OF PENNSYLVANIA

READER TRANSMITTER PLUG-IN UNIT TESTING CHART

ATTEST:

SCALE

Drawn by: _____

Checked by: _____

Approved by: _____

10/22/51