

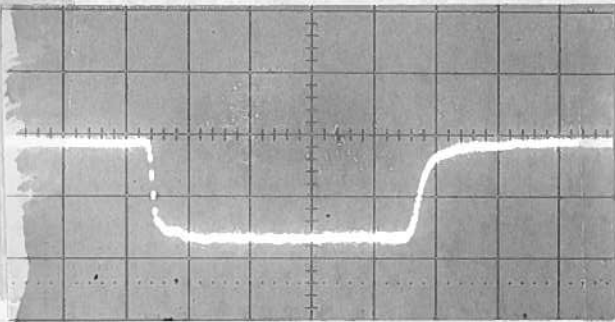
PULSE GENERATOR

PERFORMANCE CHECK

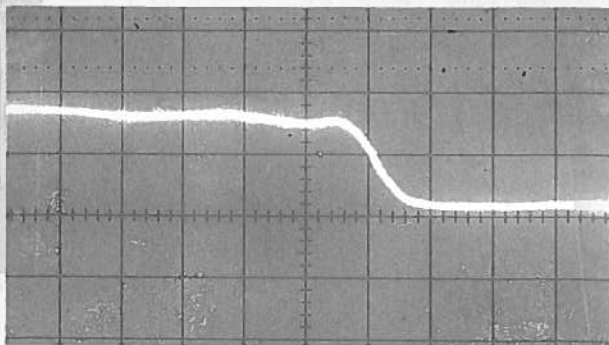
Model: **AVL-2A-W-05-PS-N**

S.N.: **628**

Date: **OCT 26 81**



$\approx 100$  VOLTS/DIV  
 $10$  NSEC/DIV  
 $4$  KHZ



$\approx 100$  VOLTS/DIV  
 $1.0$  NSEC/DIV  
 $4$  KHZ  
(RISE TIME)

a) Output signal amplitude:

**0 TO -180 V**

b) Pulse width:

**0 TO 400 NSEC.\***

c) Rise time:

**$\leq 1$  NSEC.**

d) Fall time:

**$\leq 2$  NSEC**

e) PRF:

**0 TO 5 KHZ**

f) Jitter, stability:

**OK**

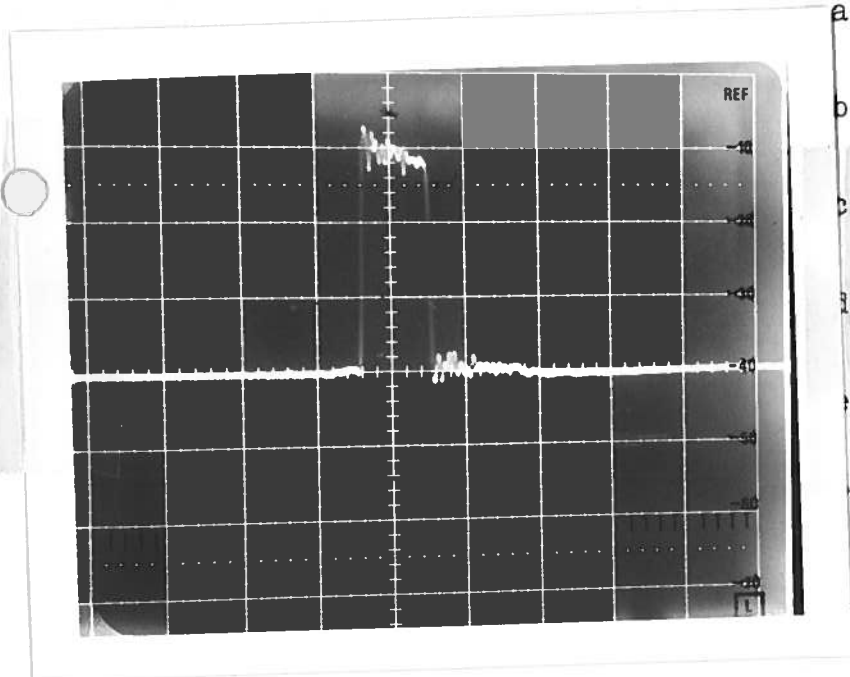
g) Prime power:

**120/220 V, 50-60  
HZ.**

\* REQUIRES EXTERNAL  
DELAY LINE FOR  
PW  $\geq 100$  NSEC.

PULSE GENERATOR  
PERFORMANCE CHECK

Model: AVL-2A-W-P-PS-05  
S.N.: 628 (MOD)  
Date: JAN 8 83



- a) Output signal amplitude:  
0 TO  $\approx 170$  V
- b) Pulse width:  
0 TO 400 nSEC
- c) Rise time:  
 $\leq \approx 1.0$  nSEC
- d) Fall time:  
 $\leq 2$  nSEC
- e) PRF:  
0 TO 5 KHz
- f) Jitter, stability:  
OK
- g) Prime power:

OUTPUT TO ELECTRON GUN AS SUPPLIED BY STL. 75 MHz SCOPE USED. SPURIOUS DUE PARTIALLY TO SCOPE & PARTIALLY TO R, C + LONG LEADS.

$\approx 50$  VENTS/DIV  
 $100$  nSEC/DIV.

110/220 V  
50-60 Hz

SUGGEST THAT LEAD LENGTHS BE DRAGGICALLY REDUCED & C REPLACED BY REDCAP (EXCEL) CERAMIC CAPACITOR.