GENERAL ELECTRIC

REV NO.	68A99191
CONT ON SHEET 2	SH NO. 1

TITLE: TEST SPECIFICATION
GATE PULSE GENERATOR

FIRST MADE FOR IC3600TPGD1

68A99191
CONT ON SHEET 2 SH NO. 1

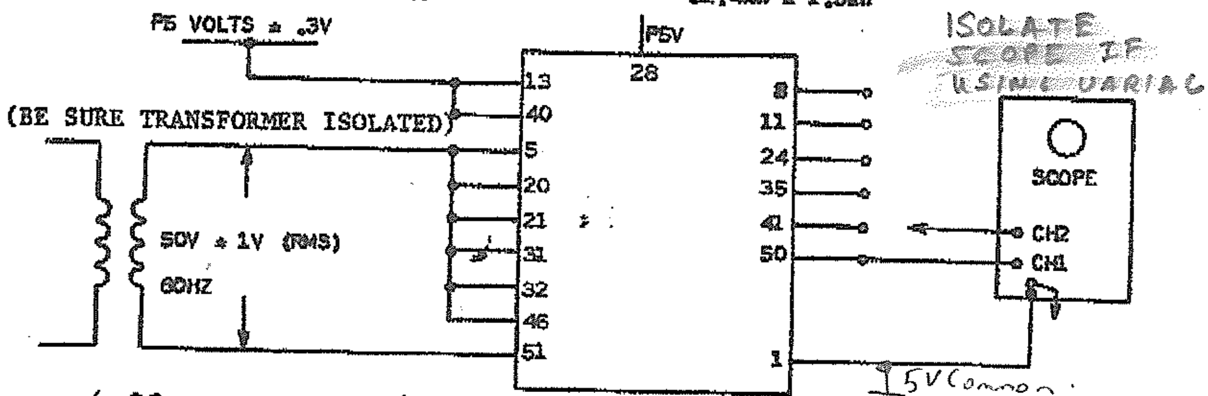
TEST SPECIFICATION

ELEMENTARY - IC3600TPGD, SH. 3.0

NOTE: "REMOVE AC VOLTAGE BEFORE INSERTING OR REMOVING CARD FROM TEST FIXTURE"

1. BEFORE APPLYING POWER TO CARD, USE DIGITAL VOLT/OHM METER TO VERIFY THE FOLLOWING RESISTANCES: (OMIT THIS STEP IF FIXIT TEST HAS BEEN PERFORMED)

A)	BETWEEN PINS 13 AND 20	36.8KΩ ± 1KΩ
B)	BETWEEN PINS 40 AND 20	36.7KΩ ± 1KΩ
C)	BETWEEN PINS 5 AND 46	52.4KΩ ± 1.5KΩ
D)	BETWEEN PINS 5 AND 21	52.4KΩ ± 1.5KΩ
E)	BETWEEN PINS 31 AND 21	52.4KΩ ± 1.5KΩ
F)	BETWEEN PINS 31 AND 32	52.4KΩ ± 1.5KΩ
G)	BETWEEN PINS 32 AND 20	52.4KΩ ± 1.5KΩ
H)	BETWEEN PINS 20 AND 46	52.4KΩ ± 1.5KΩ

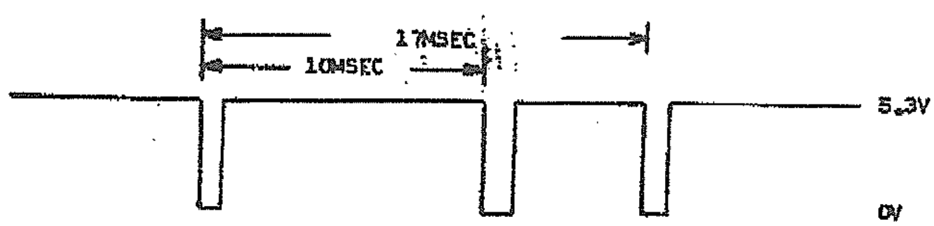


(USE AMX CARD # 1)

2. (A) SET SCOPE TRIGGER FOR (-) INTERNAL, 50 µSEC/DIV., CHOPPED. LEADING EDGE OF ALL O PULSES AT OUTPUT PINS 8, 11, 24, 35 AND 41 MUST BE WITHIN 20 MICRO-SECONDS OF OUTPUT AT PIN 50.

(B) SET SCOPE TO 100 µSEC/DIV., AND OBSERVE THAT ALL OUTPUT PULSES ON PINS 8, 11, 24, 35, 41 AND 50 ARE BETWEEN 32 TO 100 MICRO-SECONDS AT THE 1 VOLT LEVEL.

(C) SET SCOPE TO 2MSEC/DIV. OBSERVE 3 PULSES ON SCOPE.



RAISE REF. AND BIAS VOLTAGE ON PINS 13 AND 40 TO 10 VOLTS. OBSERVE THAT MIDDLE PULSE DISAPPEARS.

See NOTES

REVISION

1.	11/21/69	ACW
2.	4/25/70	REH
3.	8/3/70	REH
4.	4/29/71	ACW
5.	5/22/73	RGM
6.	2-21-75	CLG
7)	7MAY86	JMT

40A3

1338

2520

PRINTS TO

MADE BY R. E. HANNAH	APPROVALS	DRIVE SYSTEMS (DIV OR DEPT.)	68A99191
ISSUED 2-21-75		SALEM, VIRGINIA (LOCATION)	CONT ON SHEET 2 SH NO. 1

FF-803 WF (2-74)

TEST SPECIFICATION (AUX CARD #2)

3. REMOVE ALL AC INPUTS AND DC INPUT TO PINS 13 AND 40. CHECK LOGIC OF ALL 6 CHANNELS AS FOLLOWS:

A. MOMENTARILY CONNECT PIN 26 TO PSV AND THEN CONNECT TO COMMON. TIE POINT OGP COM TO COMMON. (DEPRESS PB 1C1)

B. OBSERVE OUTPUT AT POINT OGP WHEN POINT S IS MOMENTARILY CONNECTED TO PSV. OUTPUT MUST BE LESS THAN .5 VOLTS. (DEPRESS PB 2C)

C. MOMENTARILY DISCONNECT PIN 26 FROM COMMON. OUTPUT MUST INCREASE TO MORE THAN 2.5 VOLTS. (DEPRESS PB 3C)

D. CONNECT W. I. INPUT TO COMMON. OUTPUT OGP MUST BE LESS THAN .5 VOLTS. (DEPRESS PB 4W1)

E. REPEAT STEPS A THROUGH D FOR ALL INPUTS AND OUTPUTS PER THE TABLE BELOW.

Position of Both Rotary Switches	CIRCUIT	(PSV) S	(METER) OGP	(COM) W.I.	(OGP) CON
3	P1	PIN 20	PIN 2	PIN 9	17
1	P2	PIN 5	PIN 10	PIN 18	2
2	P3	PIN 31	PIN 17	PIN 25	10
6	N1	PIN 21	PIN 36	PIN 37	43
4	N2	PIN 32	PIN 38	PIN 42	36
5	N3	PIN 46	PIN 43	PIN 49	38

1 - 5V
2 - .5V
3 - 2.5
4 - .5

REVISION
1 - 2-21-75 CLG
2) SMALL TWT

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