

REV NO.

TITLE

68A993172

TEST SPECIFICATIONS

CONT ON SHEET FL SH NO. 1

FIRST MADE FOR IC3600AVIA1, AVIB1, AVIC1

IC3600AVIA, AVIB, AVIC VOLTAGE ISOLATOR TEST SPECIFICATION

ELEMENTARY: IC3600AVIA1, AVIB1, AVIC1

POWER INPUT: +50V TO PIN 24
COMM TO PIN 26

TEST EQUIPMENT: TEST FIXTURE #
C - 500 MV VOLTMETER

1. FREQUENCY CHECK:

1. PLUG IN CARD AND CONNECT POWER.
2. CONNECT OSCILLOSCOPE INPUT TO PIN 34 AND PIN 30.
3. THE WAVEFORM PERIOD SHALL BE 200 μ SEC. \pm 30 μ SEC. at 4 volts pp + 1 volt.

2. DROP OUT VOLTAGE CHECK

1. CHECK VOLTAGE AT WHICH THE MULTIVIBRATOR CIRCUIT drops out of oscillation. This voltage should be lower than 30 volts. Multivibrator shall operate down to 30 volts.
3. AMPLIFIER OFFSET AND GAIN CHECK

1. CONNECT CIRCUIT PER FIGURE 1.

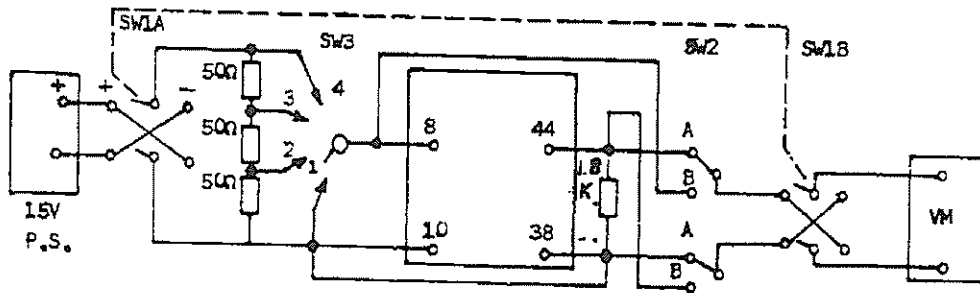


FIGURE 1

SW1 A AND B POS.	SW2 POS.	SW3 POS.	VM #
+ OR -	A	1	0 + 15 mV
+	B	2	2.0V
-	B	2	2.0V
+	B	3	2.0V
-	B	3	2.0V
+	B	4	2.0V
-	B	4	2.0V

THESE READINGS
MUST MATCH
WITHIN 300MV
of (+-) positions.

* NOMINAL INPUT/OUTPUT DIFFERENTIAL 0.5 VOLTS.

REVISIONS

REV. 10 DHP 11/10/78
REV. 11 JMT 23APR86
REV. 12 JWW 3/7/95

REV. 6 BUS45LC JVG 5/23/77
REV. 7 JVG 12-8-77
REV. 8 JVG 2/17/78
REV. 9 REN 8-20-78

DL22

2520

PRINTS TO

MADE BY

F. TRAVANTY

APPROVALS

DRIVE SYSTEMS

DIV OR DEPT.

68A993172

RE-

ISSUED

1-20-77

SALEM, VA. U.S.A.

LOCATION

CONT ON SHEET FL SH NO. 1

GENERAL ELECTRIC

68A993172

3. A	TITLE	CONT ON SHEET FL.	SH NO.	2
68A993172	TEST SPECIFICATIONS			
CONT ON SHEET FL.	SH NO.	2	FIRST MADE FOR IC3600AVIAL, IC3600AVIBI, IC3600AVICI	

III. INSULATION TEST:

1. CONNECT 8 AND 10 TOGETHER.
2. JUMPER 44 AND 88 TOGETHER.
3. APPLY 3500V HI-POT BETWEEN INOUT.
AND 8 AND 10 AND 44 AND 38 TO 1 SEC.
4. MEGGER PIN 8 AND 10 TO 44 AND 38 - SHOULD
BE 50,000 MEG Ω OR BETTER.

DELETE THIS
SHEET

Plum Copy
Do not destroy

REVISIONS

REV. A6 5-12-69 RCH
REV. 1 1-18-64
REV. 7 2-18-72 PDA

2520

132°

6V

PHOTO STC

MADE BY	APPROVALS	INDUSTRY CONTROL	DIV OR DEPT.	68A993172
RON MUCKENFUSS	E.T.C.	SALEM, VIRGINIA	LOCATION	CONT ON SHEET FL.
USE ED	May 12, 69			SH NO. 2