REV NO. A	TITLE
68A989817	CURRENT LIMIT SPILLOVER CIRCUIT TEST SPECIFICATIONS
CONT ON SHEET FL. SH NO. 1	FIRST MADE FOR IC3600ACLS1 , IC3600ACLS2

REVISIONS

A3 JVG 2-18-68

REV. 8/16/67

REV 1-4-69

ELEMENTARY - IC3600ACLS1A SH.3.0 AND IC3600ACLS1B SH. 3.0

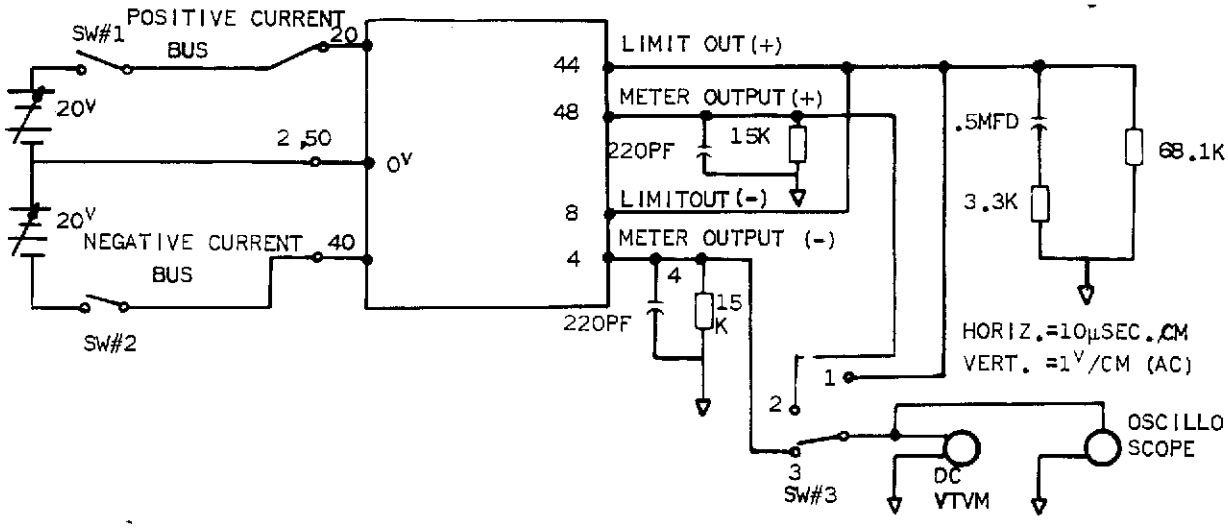
POWER INPUT - +50V D.C. PIN 24 COMMON TO PIN 2 OR 50
-50V D.C. PIN 30

SPECIAL TEST EQUIPMENT: A) TWO (2) 15K 1/2 WATT RESISTORS
B) .5MFD 200V CAPACITOR
3.3K 1/2 WATT RESISTOR
68.1K 1/2 WATT RESISTOR
C) TWO(2) 220 PF CAPACITORS

USE OHMMETER TO CHECK POLARITY AND BLOCKING ABILITY OF DIODES CR1 THROUGH CR16.

BIAS AND SPILLOVER CHECK

1. CONNECT CIRCUIT AS PER FIGURE 1.



A. SWITCHES #1 AND #2 OPEN; SWITCH #3 IN POSITION 2. ADJUST R33 TO READ THE RANGE FROM +6V TO +20V ON THE DCVTVM. OBSERVE THE METER OUTPUT ON THE OSCILLOSCOPE TO ASSURE THE ABSENCE OF SUSTAINED OSCILLATIONS. READJUST METER OUTPUT TO READ +15V ON DCVMTVM.

NOTE: Verify +20V +.2V at Pin 20 and -20V ± .2V at Pin 40.

B. SWITCHES #1 AND #2 OPEN; SWITCH #3 IN POSITION 3 ADJUST R34 TO READ THE RANGE FROM -6V TO -20V ON THE DCVTVM. OBSERVE THE METER OUTPUT ON THE OSCILLOSCOPE TO ASSURE THE ABSENCE OF SUSTAINED OSCILLATIONS. READJUST METER OUTPUT TO READ -15V ON DCVTM.

C. CLOSE SWITCH #1; SWITCH #2 OPEN; SWITCH #3 IN POSITION 1. THE DCVTVM SHOULD READ -4.5V ±300MV.

D. CLOSE SWITCH #2; SWITCH #1 OPEN; SWITCH #3 IN POSITION 1. THE DCVTVM SHOULD READ +4.5V ±300MV.

1338
P6A
2520

PRINTS TO

MADE BY	APPROVALS		
R.E.HANNAH		INDUSTRY CONTROL (DIV OR DEPT.)	68A989817
ISSUED 10-1966		SALEM, VIRGINIA (LOCATION)	CONT ON SHEET FL. SH NO. 1

CODE IDENT NO.