REV NO. A	TITLE
68A9445577	TEST INSTRUCTIONS
CONT ON SHEET 2 . SH NO. 1	UNI AMP
	FIRST MADE FOR IC3600TUAA1 AND IC 3600TUAB1

TEST INSTRUCTIONS

A. EQUIPMENT NEEDED

1. ONE DUAL ± 15V D.C. REGULATED POWER SUPPLY (±100 MA DRAIN)
2. ONE +28V D.C. POWER SUPPLY (150 MA DRAIN)
3. ONE DIFFERENTIAL VOLTMETER. (DANA MODEL 4570 OR EQUIVALENT).
4. ONE 250Ω 10W W.W. RESISTOR.
5. ONE 10K 1/2W ±5/% C.C. RESISTOR , ONE 200K .01% RESISTOR FOR R13
6. ONE 1.5K 1/2W ±5% C.C. RESISTOR , ONE 121K 1/2W 1% RESISTOR FOR R42.
7. ONE 49.9K PN60D RESISTOR.
8. ONE 8K 0.01% RESISTOR
9. ONE N.C. PUSHBUTTON SWITCH GRAYHILL #30-2 OR EQUIVALENT.

B. TEST PROCEDURE NOTE TERMI POINT CONNECTIONS SHOULD BE MADE AFTER CARD TEST

1. REMOVE C1 FOR TEST
2. CONNECT THE POSITIVE TERMINAL OF THE ±15V P.S. TO PIN #3, COMMON TO PIN #25, AND THE NEGATIVE TERMINAL TO PIN #49.
3. CONNECT THE POSITIVE TERMINAL OF THE +28V P.S. TO PIN #9 AND THE NEGATIVE TERMINAL TO PIN #25.
4. JUMPER PIN #44 TO PIN #25 THRU A N.C. PUSHBUTTON SWITCH AND DVM PIN #43. (POSITIVE TERMINAL TO PIN #43 AND NEGATIVE TERMINAL TO #25)
5. CONNECT ONE END OF A 250Ω 10W RESISTOR TO PIN #9 AND THE OTHER END TO PIN #43.
6. JUMPER PIN 39 TO PIN 3 AND ENERGIZE THE POWER SUPPLIES. THE DVM. SHOULD READ +28 VOLTS.
7. DEPRESS THE N.C. PUSHBUTTON. THE DVM SHOULD READ ≤ 0.35V.

   NOTE: WHEN MAKING CONNECTIONS TO CARD UNDER TEST, ALL POWER SUPPLIES SHOULD BE DE-ENERGIZED.
8. PERFORM THE TESTS AS OUTLINED IN TABLE 8-1.
9. CONNECT R13 (200K) AND R42 (121K)

TABLE 8-1

	JUMPER PIN # TO PIN #	AND	JUMPER PIN # TO PIN #	D.V.M.	READING VOLTS
A)	42 49		28 41	41	+5.0 TO +5.5
B)	42 49		27 41	41	+9.5 TO 10.5
C)	42 3		36 41	41	-9.5 TO 10.5
D)	42 3		35 41	41	-5.0 TO -5.5
E)	42 3		38 41	41	-3.5 TO -4.3
F)	46 9		36 41	41	-8.8 TO -9.8
G)	29[1] 3		37[2] 3	41	-12. TO -15
H)	26 9		37[2] 3	41	-11.0 TO -11.3
	CHANGE R13 FROM 200K .01% TO 8K .01%				
I)	48 3		15 40	41	-4.3 TO -4.5
J)	45 3		— —	41	-1.18 TO -1.22
K)	50 3		37[2] 3	41	-11.9 TO -12.1
L)	48 3		— —	41	-7.9 TO -8.1
M)	47 3		— —	41	-1.6 TO -1.7
N)	42 3		34 9	— 41	
* O)	33 25		— —	41	- .3 TO - .39
	48 3		15 41	41	-4.3 TO -4.5

9. CHANGE R13 FROM 8K .01% TO 200K .01%
10. CHANGE R42 FROM 121K TO 49.9K
11. INSTALL C1
12. PERFORM THE TEST AS OUTLINED IN TABLE 12-1.

NOTE 1 USE A 10K 1/2W RESISTOR AS THE JUMPER

NOTE 2 USE A 1.5K 1/2W RESISTOR AS THE JUMPER

REVISIONS

5	ADDED R13 & R42 TO RESISTORS NEEDED; AND WHEN TO CONNECT IN TEST. CHANGED B7 FROM DECREASE TO DEPRESS. 4/24/97 JJW		
4	KCC 3/5/74	3	mac 9/29/72
2	mac 8/21/72	1	mac 7/27/72

2520

0L32

PRINTS TO

MADE BY DICK TODD	APPROVALS JFB 3-24-72	INDUSTRY CONTROL DIV OR DEPT.	68A9445577
ISSUED March 24, 1972		SALEM, VIRGINIA LOCATION	CONT ON SHEET 2 SH NO. 1

CODE IDENT NO.

TITLE
TEST INSTRUCTIONS
UNI AMP

FIRST MADE FOR IC3600TUAA1 AND IC 3600TUAB1

REVISIONS

TEST INSTRUCTIONS

TABLE 12-1

	JUMPER PIN #	TO PIN #	AND JUMPER PIN #	TO PIN #	D.V.M.	READING VOLTS
* A)	7	49	—	—	13	+7.4 TO +7.6
* B)	7	3	—	—	13	-7.4 TO -7.6
C)	24	9	—	—	13	-2.6 TO -2.8
* D)	14	9	—	—	13	-2.2 TO -2.4
E)	6	3	—	—	13	-12 TO -15
F)	6	3	5	13	13	-9.5 TO -10.5
G)	6	3	8	13	13	-5.0 TO -5.5
H)	6	3	2	13	13	-3.3 TO -4.3
I)	4	3	23[1]	3		
	2	13	—	—	13	-10.2 TO -10.7
J)	21[2]	3	—	—	13	-12 TO -15
K)	6[2]	49	—	—	13	+12 TO +15

13. CHANGE R42 FROM 49.9K TO 121K AND REPLACE C1

(1) USE 1.5K 1/2W RESISTOR AS THE JUMPER
(2) USE 10K 1/2W RESISTOR AS THE JUMPER
(*) ELIMINATE THIS STEP WHEN TESTING IC3600TUAB1

3 mac 9/29/72
2 mac 8/21/72
1 mac 7/27/72

2520
PL
P6A
6V
1338
PRINTS TO