125D460 BA P2

REV. ____

SHEET 1 OF ____

BA

FITCHBURG TEST INSTRUCTIONS

BD.#125D60BAP2	SCHEMATIC NO.	DATA SHEET NO.	BD. NO.	SER. NO.
	125D443	165A663BA		
TURBINE				

TEST: INSTRUCTIONS 165A663BA EQUIPMENT BA Board Test Kit, #47 Fluke DVM DATE ____

1.0 INSPECTION

.1	Identification ____	.3	Solder/Wire ____	.5	Key Slot ____
.2	Comp./ Conn. ____	.4	Temp. Cycle ____	.6	____
				.7	____

REMARKS:

2.0 TEST SET UP

.1 Set 15 VDC switch to OFF.
.2 Set S1 to 1
.3 Set S2 to 24.
.4 Set Function switch to S1
.5 Set 110 VAC switch to OFF.
.6 Connect plus 15 VDC to J1
.7 Connect negative 15 VDC to J3
.8 Connect COMMON to "COM"
.9 Plug in kit w power cord to 110 VAC.
.10 Connect DVM to output jacks set to KΩ, range 1.
.11 Plug board into test kit.

3.0 TEST

NOTE: To see which points are being tested, Refer to data sheet

Record all data on BA board data sheet.

.1 Read less than 1Ω on DVM.
.2 Set S1 to 2, read less than 1 Ω
.3 Set S1 to 3, read less than 1 Ω
.4 Set S1 to 4, read less than 1 Ω
.5 Set S1 to 5, read less than 1 Ω
.6 Set S1 to 6, read less than 1 Ω
.7 Set S1 to 7, read less than 1 Ω
.8 Set S1 to 8, read less than 1 Ω check pin 33
.9 Set S1 to 9, read less than 1 Ω
.10 Set S1 to 10, Read less than 1 Ω
.11 Set S1 to 11, read less than 1 Ω
.12 Set S1 to 12, read infinite Ω
.13 Set S1 to 13, read infinite Ω
.14 Set S1 to 14, read infinite Ω
.15 Set S1 to 15, read infinite Ω
.16 Set S1 to 16, read infinite Ω
.17 Set S1 to 17, read infinite Ω
.18 Set S1 to 18 read infinite Ω
.19 Set S1 to 19, read infinite Ω
.20 Set S1 to 20, read infinite Ω
.21 Set S1 to 21, read infinite Ω
.22 Set S1 to 22, read infinite Ω

ACTIVE FOR Test
BY ____ DATE 7-97

FITCHBURG TEST INSTRUCTIONS

BA
BD. #125D60BAP2

Sheet 2 of 2

.23 Set S1 to 23, read infinite Ω
.24 Set function switch to S2, read infinite (S2 at 24).

.A1 Set 15 VDC switch to ON, set 110 VAC switch to ON, connect DVM set to VDC, range 10 from J1 to J2, read less than 50 MA (50MV ⟶ 50 VDC) 1 MV = 1 MA
.A2 Connect DVM from J3 to J4, read less than 200 MA (.200 VDC) 1 MV = 1 MA
.A3 Connect DVM set to VAC, range 10 from J5 to J6, read less than 300 MA (0.300 VAC) 1 MV = 1 MA.
.25 Connect DVM to OUTPUT JACKS set to KΩ, range 1 set S2 to 25, read less than .1 Ω .20
.26 Set S2 to 26 read less than .1 Ω .45
.27 Set S2 to 27 read less than .1 Ω .22
.28 Set S2 to 28, read less than .1 Ω .43
.29 Set S2 to 29, read less than .1 Ω .19
.30 Set S2 to 30, read less than .1 Ω .43
.31 Set S2 to 31, read less than 1 Ω .17
.32 Set S2 to 32, read less than 1 Ω .41
.33 Set S2 to 33, read less than 1 Ω .17
.34 Set S2 to 34, read less than .1 Ω .43
.35 Set S2 to 35, read less than 1 Ω .47
.36 Set DVM to VDC, set S2 to 36, read 0.0 ±.2 VDC.
.37 Set S2 to 37, read 0.0 ±0.2 VDC.
.38 Set S2 to 38, set DVM to KΩ, read infinite Ω
.39 Set S2 to 39, read infinite Ω
.40 Set S2 to 40, read infinite Ω
.41 Set S2 to 41, read infinite Ω
.42 Set S2 to 42, read infinite Ω
.43 Set S2 to 43, read infinite Ω
.44 Set S2 to 44, read infinite Ω
.45 Set S2 to 45, read infinite Ω
.46 Set S2 to 46, read infinite Ω

Set 15 VDC switch to OFF, set 110 VAC switch to OFF, remove board from test kit.

6. DATA SHEET SEE SECTION 5. FOR INSTRUCTIONS

TURBINE #

PARA.	READ AT	REQUIRED VALUE	MEASURED	PARA.	READ AT	REQUIRED VALUE	MEASURED
5.1.1	J1002-8 TO 9	1 OHM MAX		5.3.1	J1001-8 TO 9	1 OHM MAX	
↑	J1002-10 TO 11	1 OHM MAX		5.3.2	J1001-3	0.0 ± .2 V	
	J1002-14 TO 15	1 OHM MAX		5.3.2	J1001-7	0.0 ± .2 V	
	J1002-16 TO 17	1 OHM MAX		5.3.3	J1002-8 TO 9	OPEN CKT	
	J1002-24 TO 25	1 OHM MAX		↑	J1002-10 TO 11	OPEN CKT	
	J1002-26 TO 27	1 OHM MAX			J1002-14 TO 15	OPEN CKT	
	J1002-30 TO 31	1 OHM MAX			J1002-16 TO 17	OPEN CKT	
	J1002-32 TO 33	1 OHM MAX			J1002-24 TO 25	OPEN CKT	
	J1001-4 TO 5	1 OHM MAX			J1002-26 TO 27	OPEN CKT	
↓	J1001-1 TO 3	1 OHM MAX			J1002-30 TO 31	OPEN CKT	
5.1.1	J1001-6 TO 7	1 OHM MAX		↓	J1002-32 TO 33	OPEN CKT	
5.1.2	J1002-7 TO 8	OPEN CKT		5.3.3	J1001-4 TO 5	OPEN CKT	
↑	J1002-11 TO 12	OPEN CKT					
	J1002-13 TO 14	OPEN CKT					
	J1002-17 TO 18	OPEN CKT					
	J1002-19 TO 20	OPEN CKT					
	J1002-21 TO 22	OPEN CKT					
	J1002-23 TO 24	OPEN CKT					
	J1002-27 TO 28	OPEN CKT					
	J1002-29 TO 30	OPEN CKT					
	J1002-33 TO 34	OPEN CKT					
	J1001-8 TO 9	OPEN CKT					
↓	J1001-2 TO 3	OPEN CKT					
5.1.2	J1001-2 TO 7	OPEN CKT					
5.2.1	A 1	50 mA MAX					
5.2.1	A 2	200 mA MAX					
5.2.1	A 3	300 mA MAX					
5.3.1	J1002-7 TO 8	1 OHM MAX					
↑	J1002-11 TO 12	1 OHM MAX					
	J1002-13 TO 14	1 OHM MAX					
	J1002-17 TO 18	1 OHM MAX					
	J1002-19 TO 20	1 OHM MAX					
	J1002-21 TO 22	1 OHM MAX					
	J1002-23 TO 24	1 OHM MAX					
	J1002-27 TO 28	1 OHM MAX					
↓	J1002-29 TO 30	1 OHM MAX					
5.3.1	J1002-33 TO 34	1 OHM MAX					

TESTED BY		DATE	PARA.	CHECKED BY	DATE
PARA.	CHECKED BY	DATE	PARA.	CHECKED BY	DATE
PARA.	CHECKED BY	DATE	APPROVED BY		DATE

GENERAL ELECTRIC MDTPD FITCHBURG (DEPT / LOC)	SIZE A	CODE IDENT NO.	165A663BA
DRAWN T. FANCY 4-22-75			
ISSUED ~~CHECKED~~ R. LeBlanc 11/24/75	SCALE		SHEET 7

DIST TO 125