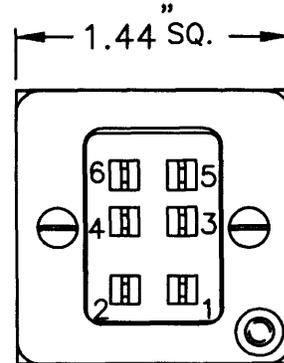
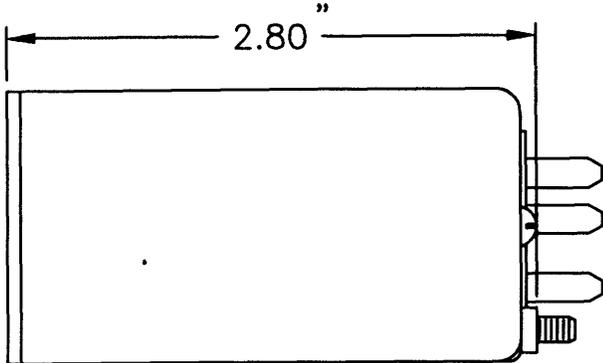


VACUUM/INSTRUMENT AIR CLUSTER MODULE

PART NUMBERS: 169CL-4-(*) VACUUM, OR 169CL-41-(*) INSTRUMENT AIR

* THIS DASH NO. WILL BE THE SUFFIX NUMBER ASSIGNED TO THE CLUSTER BEING BUILT. EXAMPLE: 169CL-4-TD9999



MALE CONNECTOR

SIGMA TEK P/N S24003-004P

MATING CONNECTOR

SIGMA TEK P/N S24003-004S

CONNECTOR WIRING

- PIN 1 +14 OR 28 VDC
- PIN 2 GROUND (INDICATOR)
- PIN 3 +8 V TO TRANSMITTER (14 VDC)
+10 V TO TRANSMITTER (28 VDC)
- PIN 4 SIGNAL FROM TRANSMITTER
- PIN 5 +14 OR +28 VDC LIGHTS
- PIN 6 OPEN
- CASE GROUND (LIGHTING)

1. DIAL & BEZEL GRAPHICS:
LETTERS, NUMERALS & GRADS TO
BE WHITE ON BLACK BACKGROUND

2. LIGHTING: BLUE WHITE COLOR

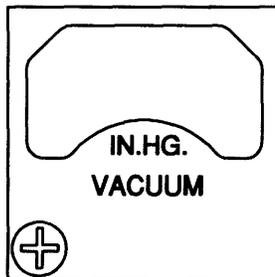
3. RANGE MARKS:
COLORS: GREEN PER 8A070-001
YELLOW PER 8A059-009
BLUE PER 8A059-014
RED PER 8A060-006
SIZE: ARC'S (.06 WIDE)
LINES (.03 x .12)

4. THIS UNIT IS APPROVED PER FAA TSO-C47, TYPE II

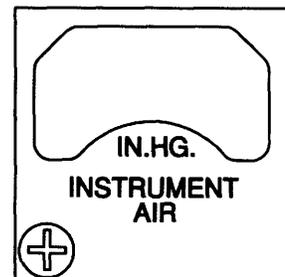
5. THIS UNIT CALIBRATED TO OPERATE WITH MICRO SWITCH 5 PSI PRESSURE TRANSDUCER 142PC05D (S18017-003) FOR P.C. BOARD MOUNTING. (STI ASS'Y 1U653-003)

6. BEZELS AVAILABLE:

BEZEL 1
A/W 5B845-006



BEZEL 2
A/W 5B845-024



				F	7/14/04	3-1715	JB			
				E	9/22/00	3-0367	JB			
				D	4/3/00	3-0092	JB	PREP. BY	R.SCOTT	10/1/97
J	5/20/13	3-4228	JB	C	8/26/98	2-8993	JB	TYPED BY		
H	8/24/04	3-1756	JB	B	10/14/97	2-8448	JB	PROJ. ENG.	J.BISHOP	10/1/97
G	7/20/04	3-1722	JB	A	10/1/97	RELEASE	JB	CHECKER		
ISS.	DATE	PCO NO.	CHK	ISS.	DATE	PCO NO.	CHK		NAME	DATE

CUSTOMER ACCEPTANCE SPECIFICATION

ACAD A1434M01

SIGMA-TEK
AUGUSTA, KANSAS

TITLE
MODULE
VACUUM/INSTRUMENT AIR
169CL-4()-()

SPEC. NO. 6A1434

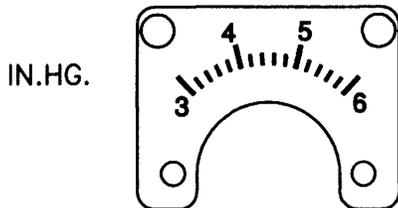
ISSUE
J

PAGE 1 OF 2 PAGES

CONFIDENTIALITY NOTICE
This information is proprietary to SIGMA-TEK®, and any reproduction, disclosure, or use thereof is expressly prohibited without the written permission of Sigma Tek, Inc.

VACUUM/INSTRUMENT AIR MODULE

7. DIAL:



A/W 5B846-009

FUNCTIONAL TEST TEST (VOLTS)

READING (IN.HG.)	14 V UNIT	28 V UNIT	TOL. (\pm VOLTS)	TOL. (\pm IN.HG.)
3	2.47	3.09	.045	.075
4	2.96	3.70	.045	.075
5	3.45	4.31	.045	.075
6	3.94	4.92	.045	.075

FRICITION ERROR (\pm .075 IN.HG.)
POSITION ERROR (\pm .075 IN.HG.)

8. VARIABLES: (SELECT CONFIGURATION)

A. VOLTAGE

14 VDC 28 VDC

B. BEZEL:

#1 #2

C. RANGE MARKS (SPECIFY MARKS)

GREEN _____
YELLOW _____
BLUE _____
RED _____

NOTE: THIS AREA FOR SIGMA TEK USE ONLY

VARIABLE CHART

P/L 1V640-003

		14 VDC		28 VDC	
		LAMP: S21006-020C		LAMP: S21006-021C	
BEZEL NO.	N/P	PCB	N/P	PCB	
1	21-169-2-	6C1237-	21-169-2-	6C1237-	
	9147	008-53	9147	008-50	
2	9194	008-53	9194	008-50	

ACAD A1434M02

CUSTOMER SPECIFICATION

SIGMA-TEK
AUGUSTA, KANSAS

TITLE

MODULE
VACUUM/INSTRUMENT AIR
169CL-4()-()

SPEC. NO.

6A1434

ISSUE

J

PAGE

2

OF

2

PAGES