

SPECIFICATIONS:

- 1) TSO Compliance: TSO C129
Applicable Documents: RTCA DO-160C, DO-208
- 2) Operating Temperature Range: -55°C to +70°C
- 3) Humidity: 95% Non-Condensing.
- 4) Altitude Range: 0 to 55,000 ft.
- 5) Vibration: Cat. M and N.
- 6) Operational Shock: Rigid Mounting, 6G Operational
15G Crash Safety.
- 7) Current: 0.30 Amps typical.
- 8) Controls:
 - CDI: Momentary switch.
 - OBS: Momentary switch.
- 9) Annunciations and colors:
 - VLOC: white.
 - GPS: green.
 - MSG: amber.
 - WPT: amber.
 - TERM: green.
 - APR: green.
 - OBS: green.
 - AUTO: white.
 - ENR: green.
- 10) Overall color shall be black.
- 11) Weight shall be 0.30 lbs.

25 PIN MALE
D-SUB CONNECTOR

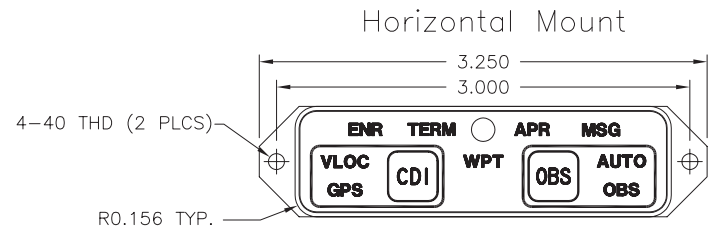
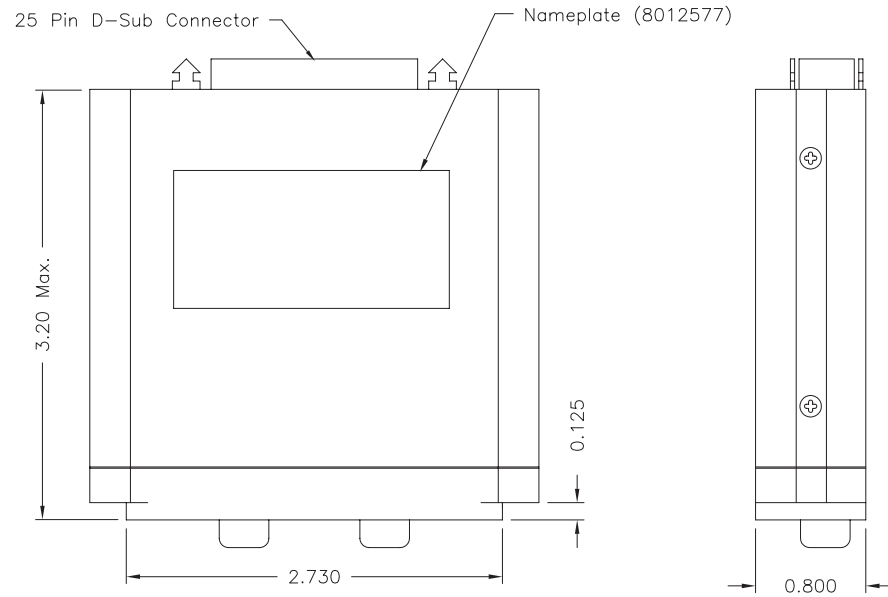
APR ANN.	9
WPT ANN.	8
MSG ANN.	10
TERM ANN.	3
VLOC ANN.	2
GPS ANN.	1
LAMP TEST	7
OBS MODE SELECT	12
OBS	24
CDI SOURCE SELECT	4
28VDC POWER	13
GROUND	25
5V DIMMER IN	5

NOTES:

- 1) Mating connector is: POSITRONIC RD25F10JVLO
Mid-Continent P/N: 7014517
- 2) Installation manual P/N: 9010455 (Mid-Continent)

Revisions				
ECO	Rev.	Description	Date	Approved
3216	A	Dimension 0.125 was 0.08. Rearrange drawing	5/28/03	DDT/ScH

Logo and company name have been changed in title block only. No functional or technical changes have been made. Revision remains unchanged.



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<p>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCE: FRACTIONAL = ± 1/64 .XX = ± .020 .XXX = ± .010 .XXXX = ± .002 ANGULAR = ± 0.5° CONCENTRICITY: .005 TIR BREAK ALL SHARP EDGES THREADS PER MIL-S-7742</p>	DRAWN	S. Hoang	10/16/00		<p>TITLE: ANNUNCIATION CONTROL UNIT</p>	<p>PART NUMBER: MD41-1469(5V)</p>
	APPROVED	B. Barnes	10/16/00			
		TOP LEVEL ASSY:	9010505-3			
		USED ON:				
	END ITEM:					
	SURFACE ROUGHNESS	<p>CODE IDENT. NO.: 59742</p>			SCALE: None	SHEET 1 of 1