

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:

NAV/GPS: Alternate action switch.
OBS: Momentary switch.

9) Annunciations and colors:

NAV: white.
GPS: green.
INTG: amber.
TERM: green.
APR: green.
MSG: amber.
AUTO: white.
OBS: green.
WPT: amber.

- 10) Overall color shall be black.
- 11) Weight shall be 0.30 lbs.

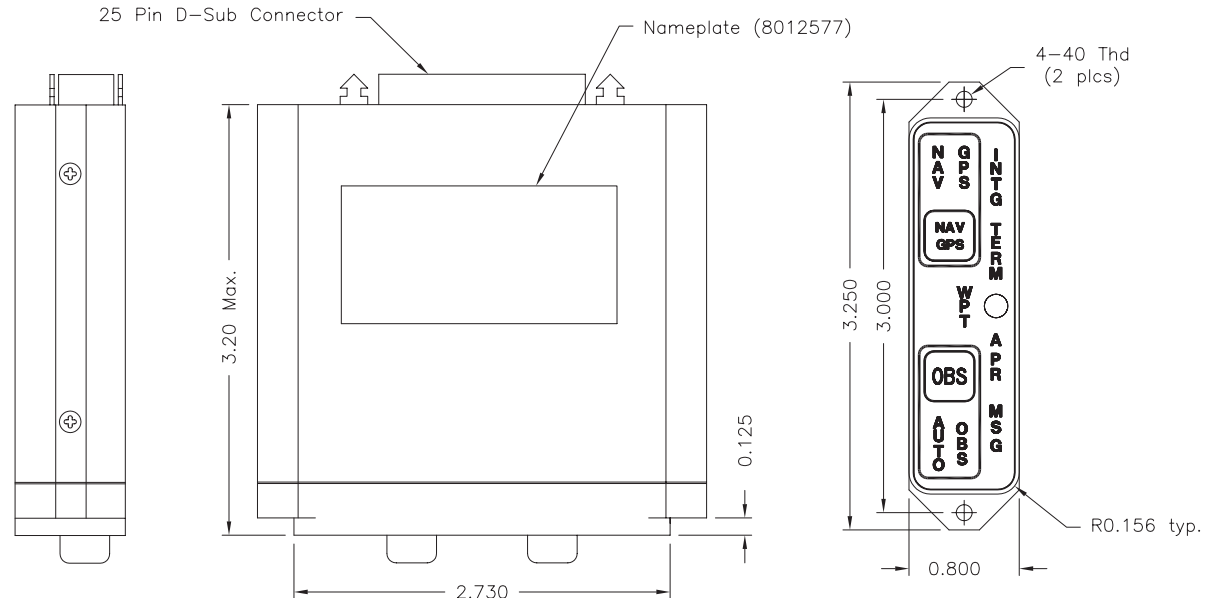
25 PIN MALE
D-SUB CONNECTOR

INTG ANN.	20
ALT ANN.	6
APR ANN.	9
WPT ANN.	8
MSG ANN.	10
TERM ANN.	3
NAV ANN.	2
GPS ANN.	1
LAMP TEST	7
OBS MODE SELECT	12
AUTO ANN.	11
OBS ANN.	24
EXT. RELAY ENERGIZE	4
ILS ENERGIZE	14
28VDC POWER	13
NAV CIRCUIT BREAKER	15
GROUND	25
5V DIMMER IN	5

NOTE: Refer to manual number 8019358
for installation information.

Revisions				
ECO	Rev.	Description	Date	Approved
3248	A	0.125 was 0.08. Rearrange drawing	5/29/03	DDT/Sch

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



Vertical Mount

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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	06/05/00	<p>Mid-Continent™ INSTRUMENTS+AVIONICS</p>	<p>TITLE: ANNUNCIATION CONTROL UNIT</p>	<p>PART NUMBER: MD41-1418(5V)</p>
	APPROVED	B. Barnes	06/05/00			
	TOP LEVEL ASSY:	8019440-3				
	USED ON:					
	END ITEM:					
SURFACE ROUGHNESS	<p>CODE IDENT. NO.: 59742</p>			SCALE: None	SHEET 1 of 1	