

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.
INTG: amber.

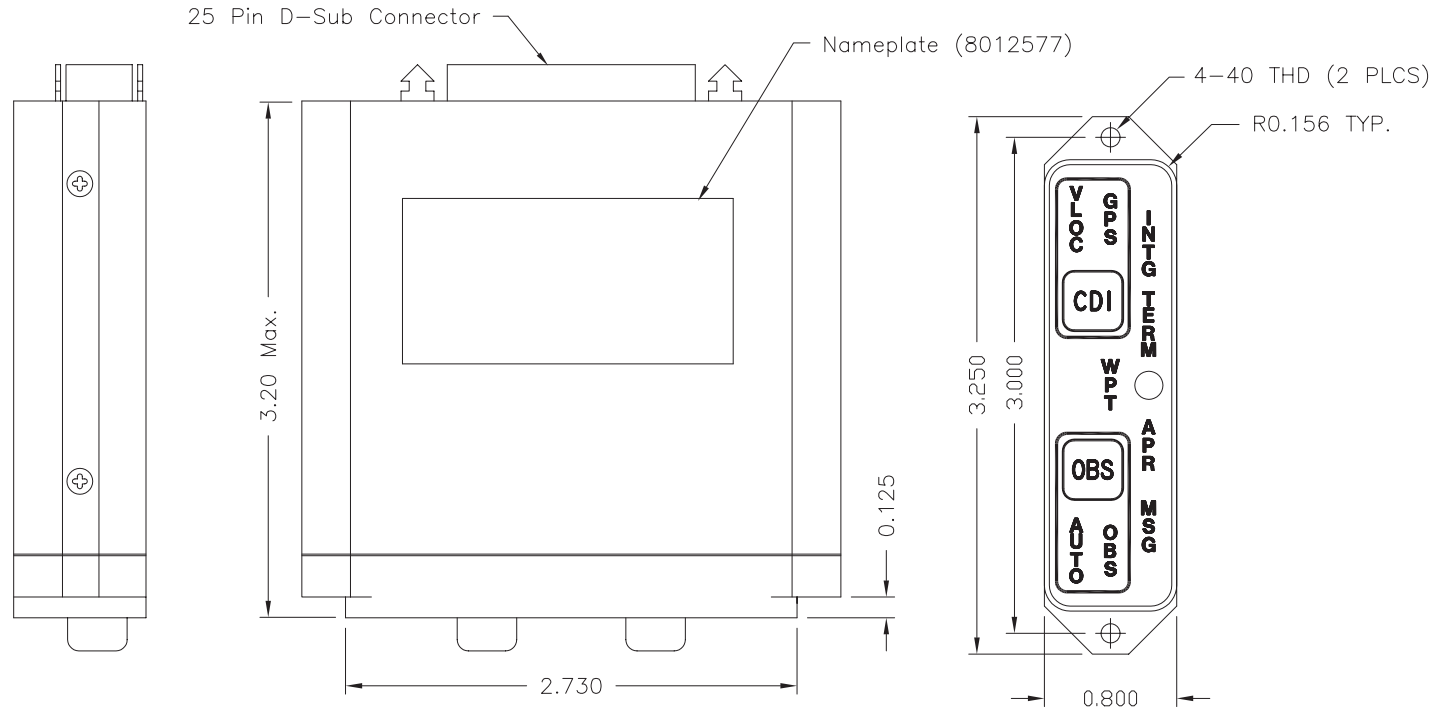
- 10) Overall color shall be black.
- 11) Weight shall be 0.30 lbs.

25 PIN MALE
D-SUB CONNECTOR

INTG ANN.	20
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

Revisions				
ECO	Rev.	Description	Date	Approved
3204	A	Dimension 0.125 was 0.08. Rearrange drawing	5/28/03	DDT/SchH

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



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

DRAWN	S. Hoang	7/27/00
APPROVED	B. Barnes	7/27/00
TOP LEVEL ASSY:	9010810-6	
USED ON:		
END ITEM:		
CODE IDENT. NO.:	59742	



TITLE:	ANNUNCIATION CONTROL UNIT	PART NUMBER:	MD41-1478A(5V)
--------	---------------------------	--------------	----------------

This document discloses proprietary information of Mid-Continent Instrument Co., Inc. It may be reproduced or disclosed only with written permission of Mid-Continent Instrument Co., Inc. and is not to be used in any way detrimental to the interests of Mid-Continent Instrument Co., Inc.

SURFACE ROUGHNESS

SCALE: None

SHEET 1 of 1