

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: 0.40 Amps typical.
- 8) Controls:
 - NAV/GPS: Alternate action switch.
 - GPS/APR: Alternate action switch.
 - GPS/SEQ: Alternate action switch.
- 9) Annunciations and colors:
 - NAV: white.
 - GPS: green.
 - MSG: amber.
 - ARM: white.
 - ACTV: green.
 - WPT: amber.
 - HOLD: amber.
 - AUTO: green.
- 10) Overall color shall be black.
- 11) Weight shall be 0.30 lbs.

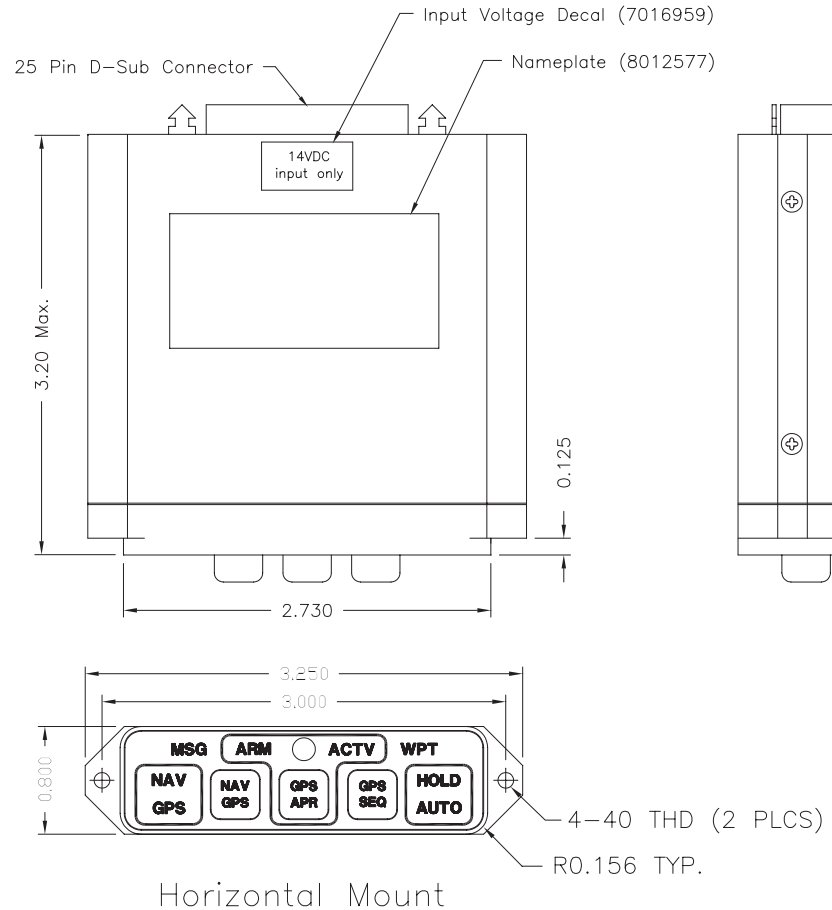
25 PIN MALE
D-SUB CONNECTOR

AUTOPILOT ILS ENERGIZE	11
ACTV ANN	8
WPT ANN	9
MSG ANN	3
ARM ANN	4
NAV ANN	2
GPS ANN	1
LAMP TEST	7
GPS-SEQ HOLD	10
ILS ENERGIZE	15
EXTERNAL RELAY ENERGIZE	14
GPS APR ARM SELECT	6
NAV CIRCUIT BKR	12
14VDC POWER	13
GROUND	25
14V DIMMER IN	5

NOTE: Refer to manual number 7019805
for installation information.

Revisions				
ECO	Rev.	Description	Date	Approved
3218	A	0.125 was 0.08. Rearrange drawing.	5/30/03	DDT/ScH

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



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.

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 SURFACE ROUGHNESS _____ ✓	DRAWN	S. Hoang	6/30/97
	APPROVED	B. Barnes	6/30/97
	TOP LEVEL ASSY:	9010398-1	
	USED ON:		
	END ITEM:		
	CODE IDENT. NO.:	59742	

MidContinent™
INSTRUMENTS+AVIONICS

TITLE: ANNUNCIATION
CONTROL UNIT

PART NUMBER:
MD41-1424

SCALE: None

SHEET 1 of 1