

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.
  - 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.

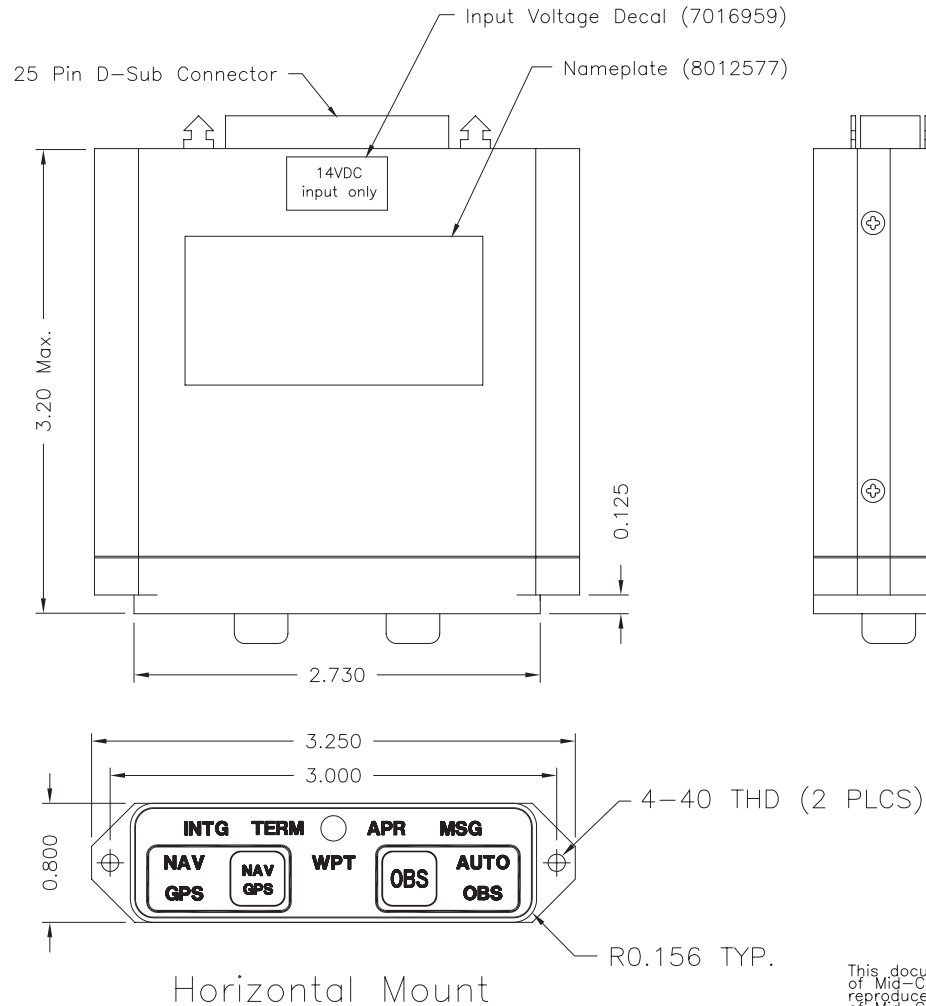
25 PIN MALE  
D-SUB CONNECTOR

INTG ANN.	20
SPARE	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
SPARE	11
OBS ANN.	24
EXT. RELAY ENERGIZE	4
ILS ENERGIZE	14
14VDC POWER	13
NAV CIRCUIT BREAKER	15
GROUND	25
14V DIMMER IN	5

NOTE: Refer to manual number 9010760 for installation information.

Revisions				
ECO	Rev.	Description	Date	Approved
2741	A	Add 7016959 label, top level assy was 8019440-1, remove ALT.	4/26/02	JBR/ScH
3210	B	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.



Horizontal Mount

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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	05/01/01		TITLE: ANNUNCIATION CONTROL UNIT	PART NUMBER: MD41-1404A
	APPROVED	B. Barnes	05/01/01			
	TOP LEVEL ASSY:	9015254-1			SCALE: None	SHEET 1 of 1
	USED ON:					
SURFACE ROUGHNESS	CODE IDENT. NO.:	59742				