

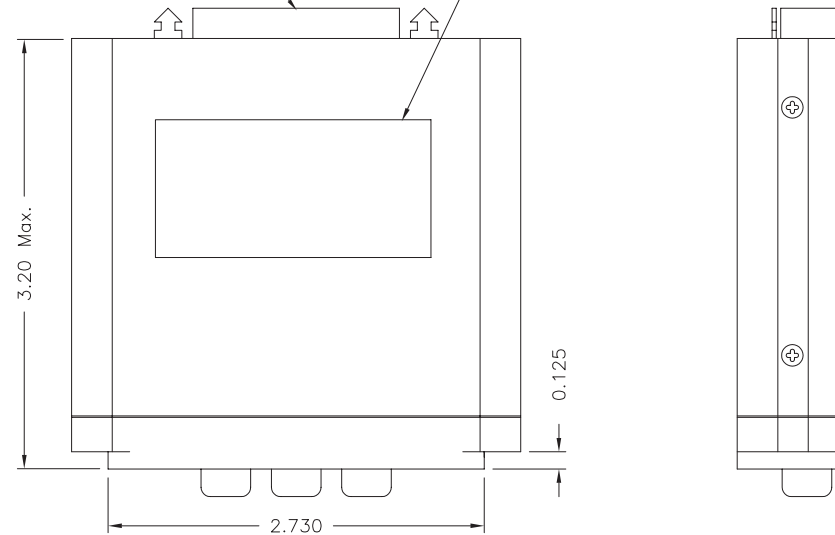
SPECIFICATIONS:

- 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.
  - GPS/APR: Momentary switch.
  - OBS/LEG: Alternate action switch.
- 9) Annunciations and colors:
  - NAV: white.
  - GPS: green.
  - MSG: amber.
  - ARM: white.
  - ACTV: green.
  - WPT: amber.
  - LEG: green.
  - OBS: white.
- 10) Overall color shall be black.
- 11) Weight shall be 0.30 lbs.

| Revisions |      |                                   |        |          |
|-----------|------|-----------------------------------|--------|----------|
| ECO       | Rev. | Description                       | Date   | Approved |
| 3239      | A    | 0.125 was 0.08. Rearrange drawing | 6/4/03 | DDT/ScH  |

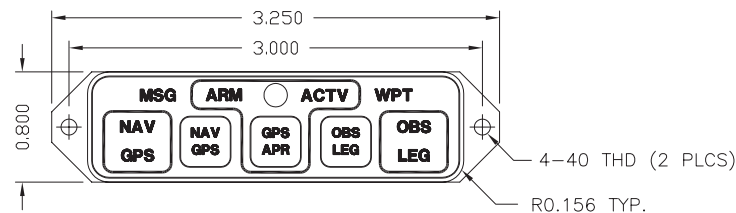
Logo and company name have been changed in title block only. No functional or technical changes have been made. Revision remains unchanged.

25 Pin D-Sub Connector      Nameplate (8012577)



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  |
| GPS DISPLAY             | 16 |
| LAMP TEST               | 7  |
| OBS HOLD                | 10 |
| ILS ENERGIZE            | 15 |
| EXTERNAL RELAY ENERGIZE | 14 |
| GPS APPR ARM SELECT     | 6  |
| NAV CIRCUIT BKR         | 12 |
| 28VDC POWER             | 13 |
| GROUND                  | 25 |
| 5V DIMMER IN            | 5  |



Horizontal Mount

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.

NOTE: Refer to manual number 7019747 for installation information.

|  |                  |           |          |  |                                  |                            |
|--|------------------|-----------|----------|--|----------------------------------|----------------------------|
| UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS ARE IN INCHES<br>TOLERANCE: FRACTIONAL = ±1/64<br>.XX = ±.020<br>.XXX = ±.010<br>.XXXX = ±.002<br>ANGULAR = ±0.5°<br>CONCENTRICITY: .005 TIR<br>BREAK ALL SHARP EDGES<br>THREADS PER MIL-S-7742 | DRAWN            | S. Hoang  | 11/13/96 |  | TITLE: ANNUNCIATION CONTROL UNIT | PART NUMBER: MD41-1328(5V) |
|  | APPROVED         | B. Barnes | 11/13/96 |  |                                  |                            |
|  | TOP LEVEL ASSY:  | 9010265-3 |          |  | SCALE: None                      | SHEET 1 of 1               |
|  | USED ON:         |           |          |  |                                  |                            |
| SURFACE ROUGHNESS  | CODE IDENT. NO.: | 59742     |          |  |                                  |                            |