

Revisions				
ECO	Rev	Description	Date	Approved
2558	A	Add pin#6 and 23 to connector(J1), add note #12	11/20/01	DDT/ScH
2596	B	Add note 13 to specify mating connector, revise layout.	12/13/01	ScH/JBR
2783	C	Bezel lip dimension 0.125 was 0.080.	6/11/02	JBR/ScH

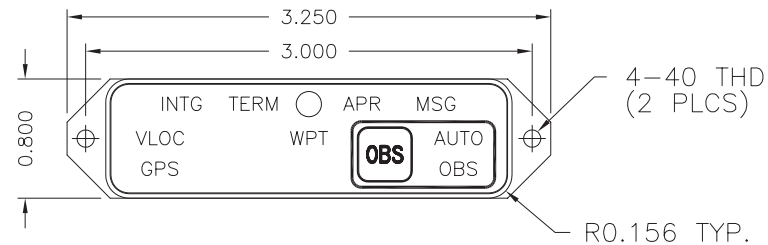
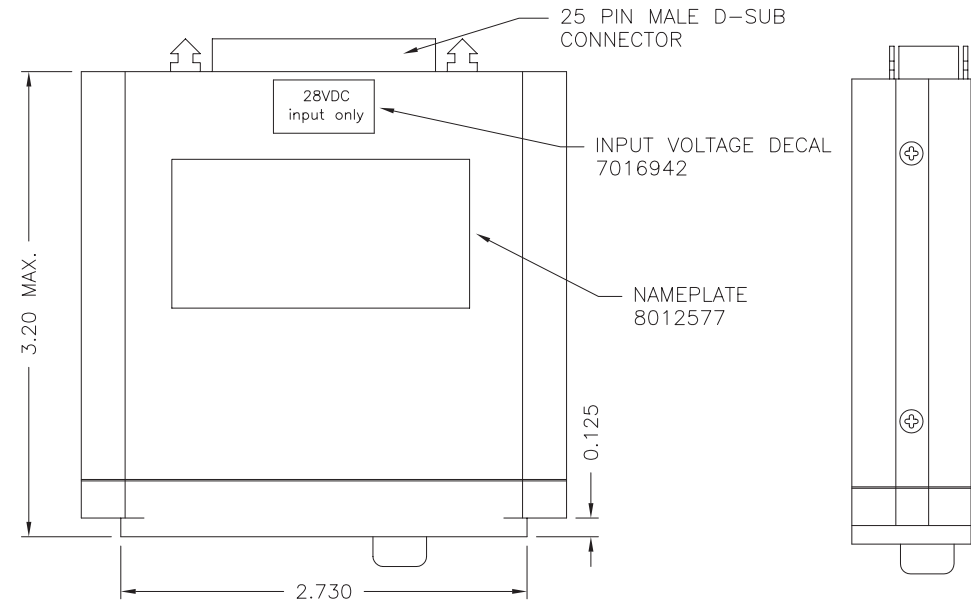
Logo and company name have been changed in title block only. No functional or technical changes have been made. Revision remains unchanged.

**SPECIFICATIONS:**

- 1) TSO Compliance: TSO C129  
Applicable Documents: RTCA DO-160C ENV. CAT. F2-CA(MN)XXXXXXXXZBABATZXXX, 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: OBS: Momentary switch.
- 9) Annunciations and colors:

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

- 10) Overall color shall be black.
- 11) Weight shall be 0.30 lbs.
- 12) Jump the internal dimming output (PIN 23) to BRT/DIM input (PIN 6) to use internal dimming circuit, otherwise leave PIN 12 open.
- 13) Mating connector for MD41-1470: RD25F10JVL0 from Positronic (MCI P/N 7014577).



25 PIN MALE D-SUB CONNECTOR	
GPS ANN.	1
VLOC ANN.	2
TERM ANN.	3
SPARE	4
28V DIMMER IN	5
BRT/DIM ANNUNCIATOR POWER INPUT	6
LAMP TEST	7
WPT ANN.	8
APR ANN.	9
MSG ANN.	10
OBS MODE SELECT	12
28VDC POWER	13
INTG ANN.	20
INTERNAL DIMMING OUTPUT	23
OBS	24
GROUND	25

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<small>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</small>	DRAWN	N. Kow	10/5/01		<b>ANNUNCIATION CONTROL UNIT</b>	<small>PART NUMBER:</small> MD41-1470
	APPROVED	B. Barnes	10/5/01			
	TOP LEVEL ASSY:	9010810-7			<small>TITLE:</small> ANNUNCIATION CONTROL UNIT	<small>PART NUMBER:</small> MD41-1470
	USED ON:					
SURFACE ROUGHNESS	CODE IDENT. NO.:	59742		SCALE: None	SHEET 1 of 1	