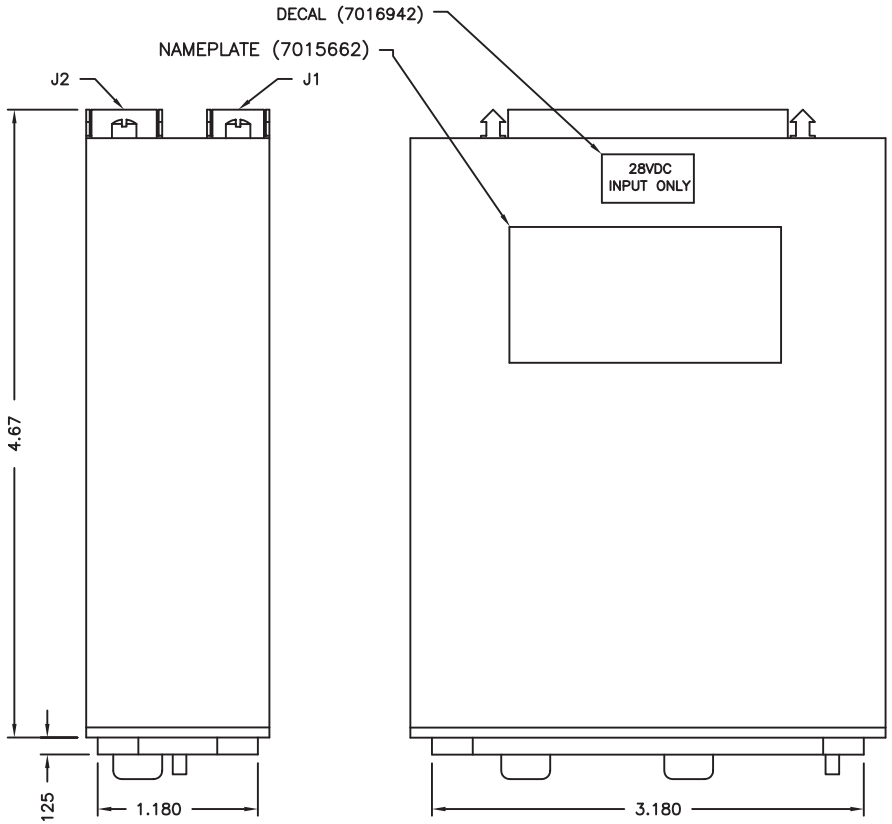
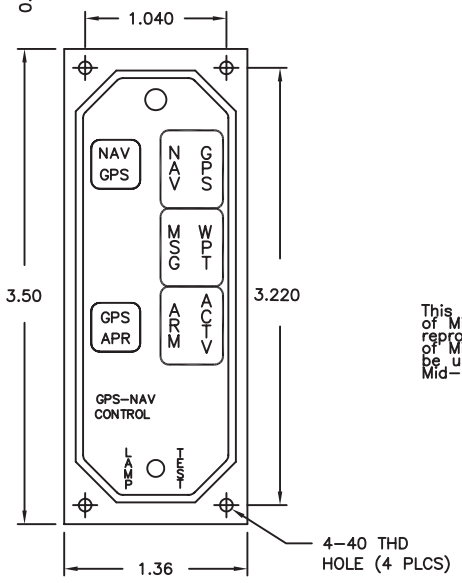
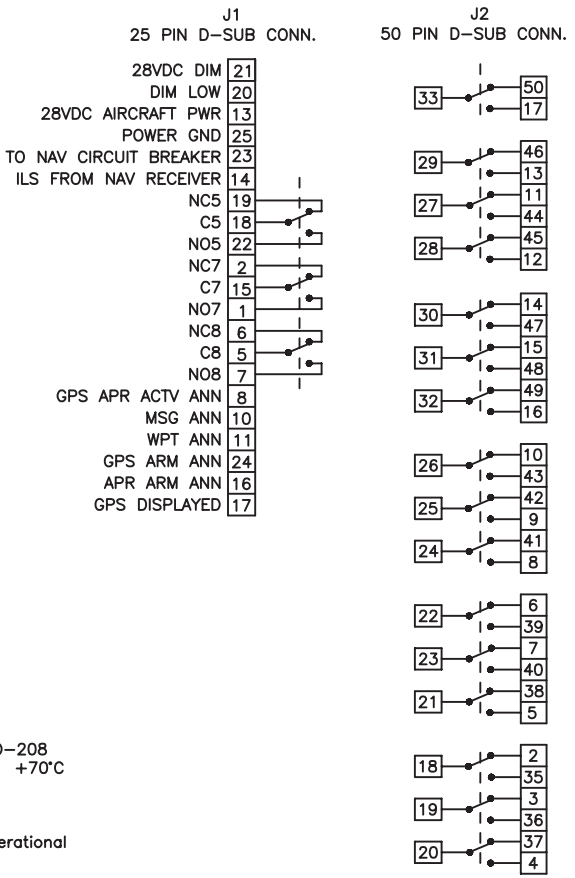
Revisions				
ECO	Rev.	Description	Date	Approved
3028	A	Remove middle button from top view.	1/8/03	JBR/ScH

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







(All relays shown in NAV position, for installation information refer to manual number 8016297).

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) Controls:
   NAV/GPS: Alternate action switch.
   GPS/APR: Momentary action switch.
8) Annunciations and colors:
   NAV: white ACTV: green
   GPS: green MSG: amber
   ARM: white WPT: amber
9) Overall color shall be black.
10) Weight shall be 0.75 lbs.
11) Electrical Specifications:
    MD41–538 0.40 Amp.
    Relay Contact Current Rating 2 Amp. DC
    Available Relay Poles (SPDT) 19

Notes:
1) Mating connectors:
   For J1: 25 pin female Positronic
   P/N RD25F10JVL0 (MCI P/N: 7014517).
   For J2: 50 pin female Positronic
   P/N RD50F10JVL0 (MCI P/N: 7014509).

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UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN INCHES
TOLERANCE: FRACTIONAL = ±1/64
.XX = ±.015
.XXX = ±.005
.XXXX = ±.002
ANGULAR = ±0.5°
CONCENTRICITY: .005 TIR
BREAK ALL SHARP EDGES
THREADS PER MIL–S–7742
SURFACE ROUGHNESS ____ ____ ✓

DRAWN	J. Reed	1/4/02
APPROVED	ScH	1/4/02
TOP LEVEL ASSY:	8017858–4	
USED ON:		
END ITEM:		
CODE IDENT. NO.:	59742	

Mid-Continent™ INSTRUMENTS+AVIONICS

TITLE: Annunciation Control Unit

PART NUMBER: MD41–538

SCALE: None | DO NOT SCALE THIS DRAWING | SHEET 1 of 1