

RCA8310 SERIES FEATURES:

- WORKS WITH LEGACY AUTOPILOT SYSTEMS
- INTERNAL BATTERY BACKUP (OPTIONAL)
- MULTI-VOLT OPERATION (9 TO 32 VOLTS)
- FITS STANDARD PANEL CUTOUT
- ALL DIGITAL - NO MOVING PARTS
- ADJUSTABLE BRIGHTNESS
- TOTALLY SELF-CONTAINED
- BLACK ANODIZED BEZEL
- FULLY FAA CERTIFIED
- **2 YEAR WARRANTY**



TURN AND BANK



TURN COORDINATOR

DIGITAL TURN COORDINATOR/TURN AND BANK

The **RCA8310-3** (3-inch) and the **RCA8310-2** (2-inch) Digital Turn Coordinators are the latest additions to our Digital Lineup. They are **fully certified**, digital replacements for mechanical turn coordinators or mechanical turn and bank instruments. They are designed to be intuitive to use, and look and react the same as a mechanical gyro instrument.

The **RCA8310** is basically two instruments in one. It can be used as either a Turn Coordinator or a Turn and Bank instrument. You can choose from a variety of customizations allowing you to select between three classic traditional looks: 1) Turn Coordinator 2) Turn and Bank (with doghouse indexes) and 3) Turn and Bank (without doghouse indexes). Each configuration displays a ball type inclinometer (slip indicator) to show slip and skid for a coordinated turn.

Because the **RCA8310** has no mechanical gyroscope, it is much more stable and reliable than mechanical gyro instruments. It can be set to output all necessary signals for legacy autopilot applications. Optional features, such as Internal Battery Back-up (recommended) and NVIS compatibility are also available. The autopilot output signals can be disabled if not required.

Part of our full line of Digital Instruments!



RCA2610 HORIZON



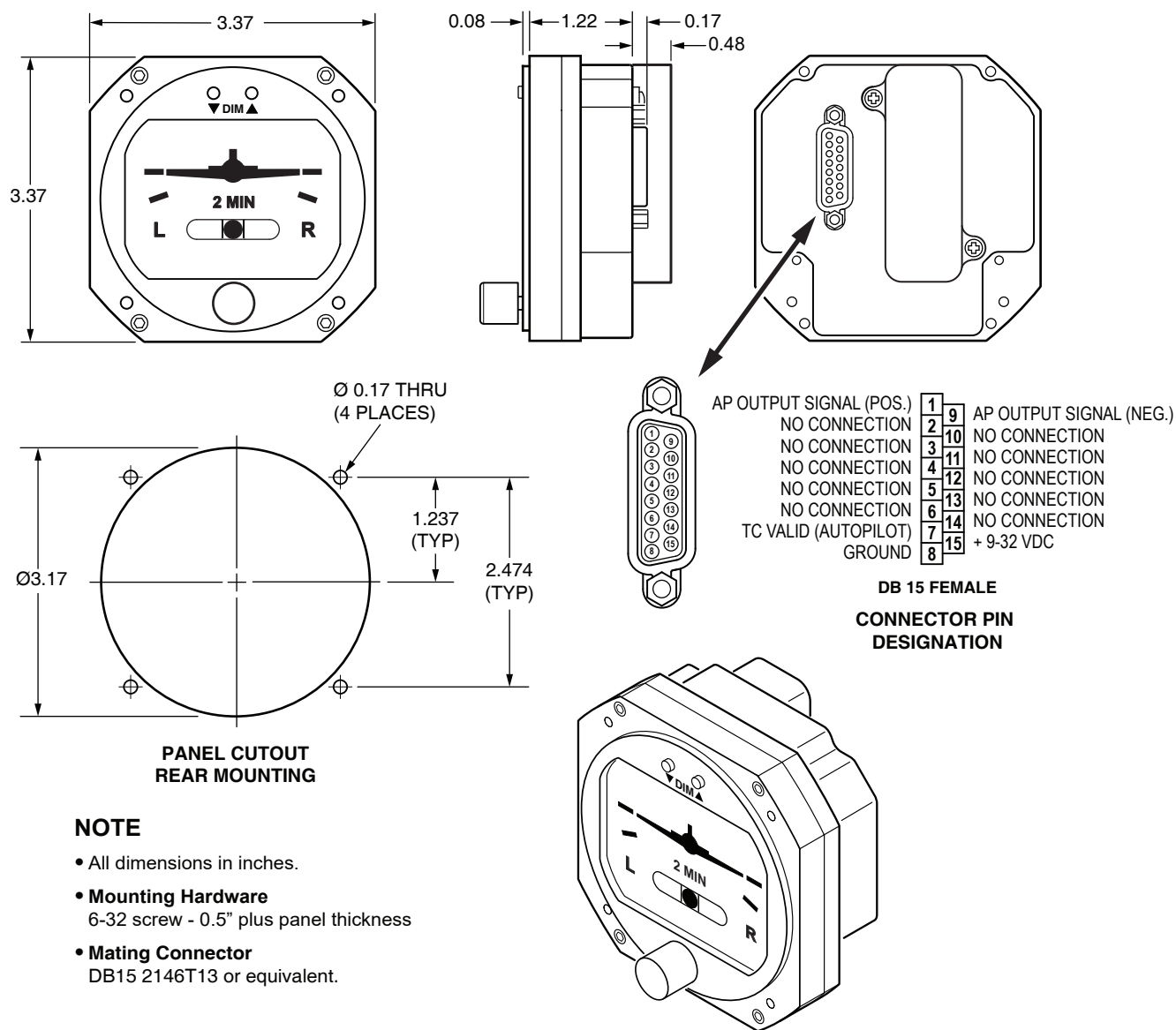
RCA1510 HEADING



MINI6 ALL-IN-ONE



March 2025



RCA8310-3 SHOWN WITH BATTERY BACKUP

Figure 1, General Dimensions of the RCA8310-3

SPECIFICATIONS:

Electrical:9 – 32 VDC
 Weight:6.75 oz.
 Display Resolution: 320 x 240 pixels, LED backlight color LCD
 Battery Backup: Rechargeable LiPo Battery
 Battery life:Up to 3 hours
 FAA Specification Conformance TSO-C113b, TSO-C3e
 Meets or Exceeds:.....AS8034B and AS8004