

### 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** Digital Turn Coordinator is the latest addition to the **RC Allen** Digital Lineup. It is a **fully certified**, digital replacement for mechanical turn coordinators or mechanical turn and bank instruments. It is designed to be intuitive to use, and look and react the same as a mechanical gyro instrument.

The **RCA8310-3** 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 **RCA8310-3** 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**



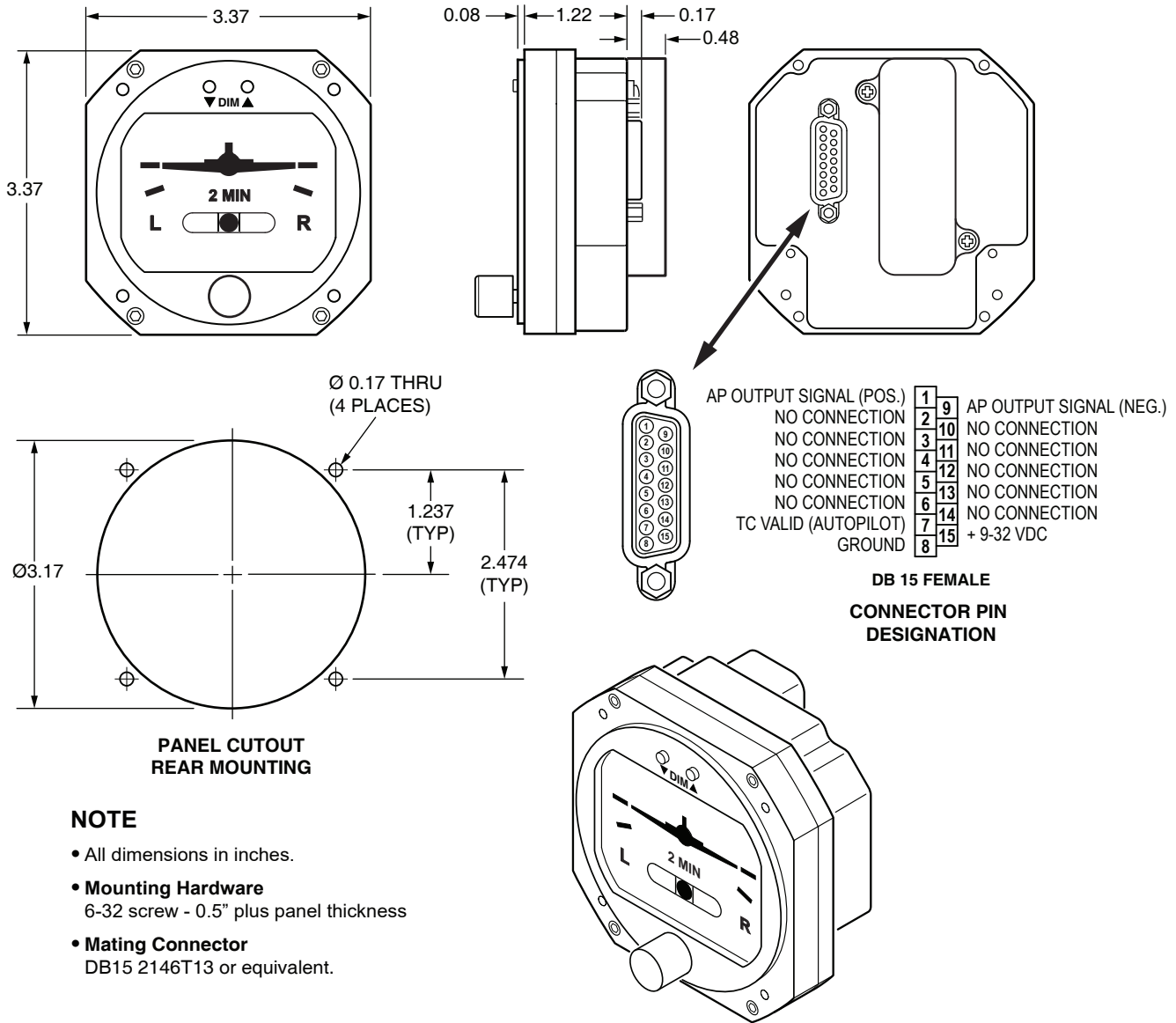
**RCA1510 DG**



**MINI6 ALL-IN-ONE**



September 2024



## RCA8310-3 SHOWN WITH BATTERY BACKUP

Figure 1, General Dimensions of the RCA8310

### 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