NEW FROM rc allen instruments

RCA8310 SERIES
DIGITAL TURN COORDINATOR

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
- 3-INCH AND 2-INCH SIZES
- 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

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KMC

FLYRCALLEN

SIMPLE SAFE CERTIFIED

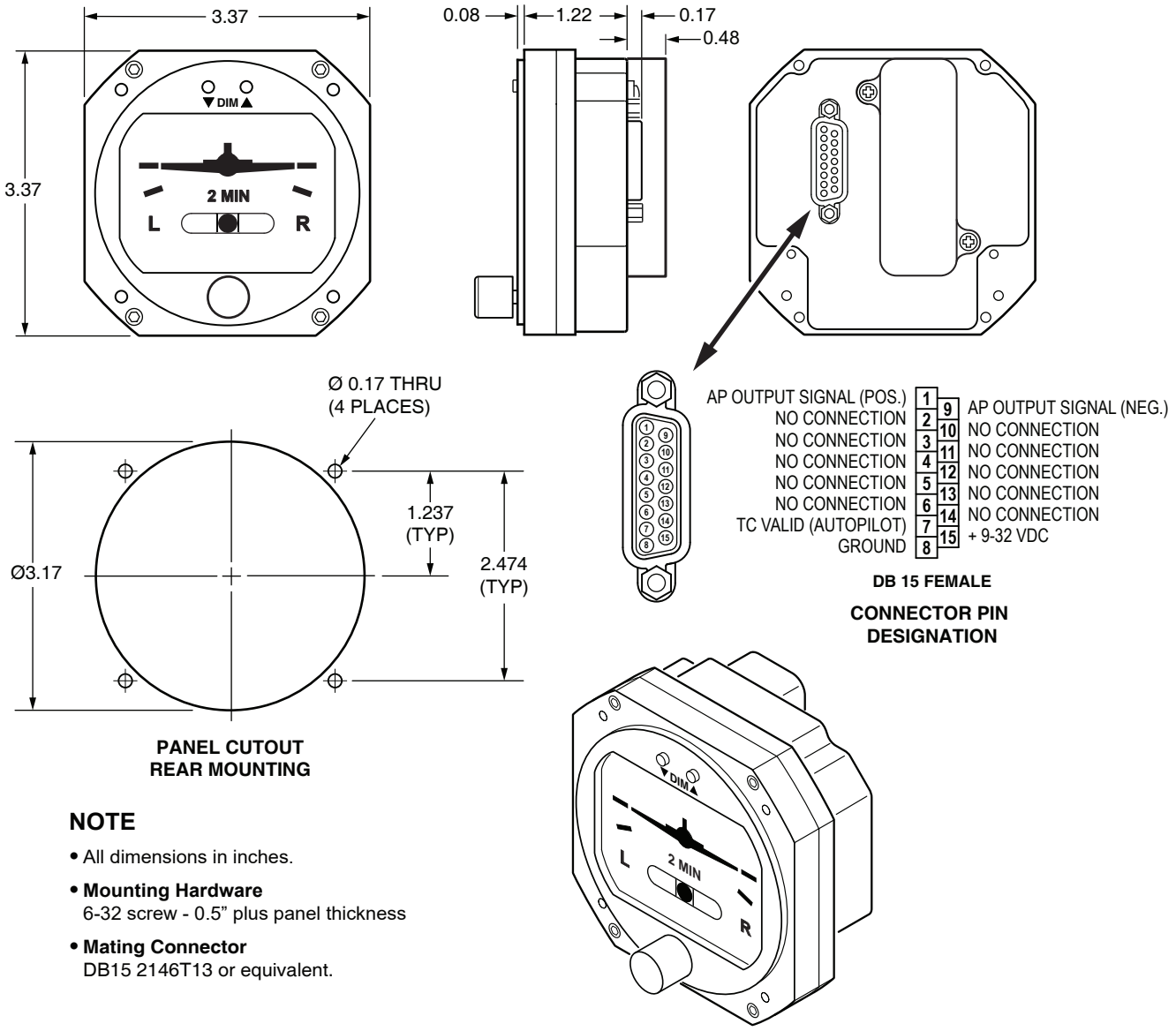
INTERNAL BATTERY BACKUP

March 2025

KMC KELLY MANUFACTURING COMPANY

KELLY MANUFACTURING COMPANY
555 SOUTH TOPEKA
WICHITA, KS 67202 U.S.A.

For more information:
Phone: (316) 265-6868
Email: info@kellymfg.com



NOTE

- All dimensions in inches.
- **Mounting Hardware**
  6-32 screw - 0.5” plus panel thickness
- **Mating Connector**
  DB15 2146T13 or equivalent.

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