

TURN COORDINATORS – TURN & BANKS

RC ALLEN TURN COORDINATOR 3 INCH INDICATORS



Used in many production aircraft. Incorporates an electrical Gyro Turn Indicator with an inclinometer. The inclinometer, by movement of a ball in relation to the lubber lines, indicates the slip angle of aircraft while in a turn. The airplane on the dial rotates with reference to the indices. A power failure flag drops into view whenever the supply voltage is lost or when voltage has dropped below a level acceptable for proper operation of the gyro. Operates on 14 to 28V DC. New manufacture. First installation

requires electrical connector and clamp.

Dimensions: Length: 6 1/5 in. Max, Width: 3 3/8 in Max, Height: 3 3/8 in Max, Weight: 1.9 lbs. Meets or exceeds requirements of FAA TSO C3b

Description	Model	Part No.	Price
Unlighted - Mating Connector: MS3106A-10SL-3S	RCA82A-11	10-01372	---
Mating Connector	MS3106A-10SL-3S	10-00789	---

RC ALLEN RCA8310-3 SERIES ELECTRIC DIGITAL TURN COORDINATORS



Designed to be intuitive to use, and look and react the same as a mechanical gyro instrument. 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. Comes standard with 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). The autopilot output signals can be disabled if not required. Each configuration displays a ball type inclinometer (slip indicator) to show slip and skid for a coordinated turn.

RCA8310-3 No Battery.....P/N 10-07710 ---
RCA8310-3 With Battery Back-up.....P/N 10-07708 ---
RCA8310-3 No Battery With NVIS.....P/N 10-07711 ---
--- RCA8310-3With Battery and NVIS.....P/N 10-07709 ---

WINTER SLIP INDICATORS



The basic flight instrument for co-ordinated turns. Available in two styles: Rectangular model fits easily in cramped panel space. Square model matches a 2-1/4" instrument hole, fits on either side of the panel. Both feature finely crafted metal cases and precision ball and tube assemblies.

Square.....P/N 10-03812 ---
Rectangle.....P/N 10-03857 ---

BANK INDICATORS (BALL TYPE)



In turning, instantly register slightest departure from the correct banking angle. Bank scale has white markings on black background. New manufacture. Available in 2 models:

10°-10° Scale, 2.25" between mounting holes.
P/N 10-00600 ---
20° - 20° Scale, 5" between mounting holes.
P/N 10-00700 ---

SWIFT BANK INCLINOMETER



The bank indicator has the function of slip indication. A very practical and simple instrument. It can be installed on an LSA, it is particularly useful in flight training.

Center distance of two Installation Holes is 48.6mm.

P/N 10-06984.....---

MID-CONTINENT INSTRUMENTS TURN & SLIP INDICATOR



2 Inch - Widely used in the turbo-prop market as standard equipment, this dependable instrument fits into the tightest panel space. The AC brushless rotor offers great reliability. Internal lighting options of 5, 14 and 28 volt offer greater flexibility. These were factory installed on the DeHavilland Dash 8 and

Boeing Chinook CH47. 28V Turn & Slip....P/N 10-00310

MID-CONTINENT INSTRUMENTS TURN & SLIP (ELECTRIC)



Built-in voltage regulator allows it to be used in either 14V or 28V systems. Small, compact unit and weighs only 1.2 lbs. Incorporates a small "power out" warning window which is black when normal current is being supplied but turns red in the case of electrical power failure. This turn and bank is now being used in many production aircraft. New installation requires electrical connector and cable clamp.

New manufacture by Electrical Gyro Corp.

Size: 3-3/8" x 3-3/8" x 3-3/4" long.

Unlighted.....P/N 1234T100.....---
14V Bezel-Lit.....P/N 10-22614.....---
28V Bezel-Lit.....P/N 10-22628.....---
MS3106A-10SL-3S Electrical Plug Connector..P/N 10-00789.....---

MID-CONTINENT INSTRUMENTS TURN COORDINATORS (ELECTRIC)



Certified to FAA TSO C3b. OEM standard - proven reliability. Includes power warning indicator. **Features:** • 4500 hours MTBF, more than double the original "Z" design • Brushless AC rotor operates on 14 or 28 VDC • Proven reliability through HALT (Highly Accelerated Life Testing) requirements and OEM usage since 1999 • Improved "Off" warning flag pulls out of view when rotor is up to speed • Is a direct replacement for the popular 1394T100-

7Z and most standard 3-pin turn coordinators.

1394T100-7B Unlighted 12-32V.....P/N 10-02108.....---

1394T100-14RB Low Wing Turn Coordinator Autopilot -

For use on low wing aircraft.....P/N 10-04022.....---

MS3106A-10SL-3S Electrical Plug Connector...P/N 10-00789.....---

RC ALLEN TURN & BANK (ELECTRIC)



Instrument is powered by an electrically driven DC precision gyro with an inclinometer. It gives the pilot turn and bank information. The RCA56 series is an all volt instrument, with a power warning flag, a black or white ball inclinometer and either lighted or non-lighted. **DIMENSIONS:** Length: 6 1/4 in. Max Width: 3 3/8 in. Max Height: 3 3/8 in. Max Weight: 1.9 lbs.

Meets or exceeds requirements of FAA TSO C3b. New manufacture by A.I.D. RC Allen.

New installation requires plug connector & cable clamp.

RCA56-3B, UNLIT.....P/N 10-01684.....---

RCA56-3BL, LIT.....P/N 10-02138.....---

AN5820-1 TURN & BANK (VACUUM)



AN5820-1 Turn & Bank indicator completely overhauled and certified to FAA requirements. Fresh matte-white dial markings with "dog-houses". Power: 1.8" to 2.2" Hg vacuum produced by a 2" venturi or vacuum pump. Size: 3.25"x 3.25"x 4.75" long. Weight: 1.5 lbs. 1 year warrantyP/N AN5820-1



TURN & BANK KIT

Consists of an overhauled and certified Turn & Bank indicator, 2" venturi, hoses, fittings and instrument screws.P/N 10-00300



CABLE CLAMP MS3057-4A

This MS3057-4A can be used with Turn Coordinator TC02E-3-2 or Turn & Bank Indicator TB02E-2-1P/N 11-04969