

TURN COORDINATORS – TURN & BANKS



RCA 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	.
Lighted (14V) - Mating Connector: MS3106A-10SL-3S	RCA83A-11-14	10-00485	.
Lighted (28V) - Mating Connector: MS3106A-10SL-3S	RCA83A-11-28	10-01685	.
Mating Connector	MS3106A-10SL-3S	10-00789	.
Cable Clamp	MS3057-4A	10-00959	.



MID-CONTINENT TURN COORDINATOR (ELECTRIC)

Engineered for a long service life, the new "B" model turn coordinator features a proven AC rotor powered by a solid-state inverter. This creates less heat behind the panel. By utilizing a brushless rotor design, this instrument has one of the top ratings in the industry – 4800 hours MTBF. A direct replacement for most 3-pin turn coordinators, it is perfect for use in high-performance aircraft and cold-climate applications. The well-known "Z" models are an industry standard. Value priced and reliable they are in more aircraft than any other brand. All 3-inch turn coordinators operate from 10 to 32 volts DC for convenience and reliability.

1394T100-7Z 12-32v, UNLIT P/N 1394T100
1394T100-3Z 14v, LIT P/N 10-22514
1394T100-10RB (Cessna Autopilot) P/N 10-02311
MS3106A-10SL-3S Electrical Plug Connector. P/N 10-00789
MS3057-4A Cable Clamp P/N 10-00959
Note: 3A & 8A models have brushless rotors to reduce air noise

MID-CONTINENT TURN COORDINATORS (ELECTRIC) -B MODELS

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
28V unit- 14V Bezel Lighting P/N 10-01024
Unlighted G300A Autopilot, ARC P/N 10-02653

FALCON TURN COORDINATOR (ELECTRIC)

3-1/8" cut out, 3-3/4" long. Small and lightweight, excellent for homebuilt aircraft. For 14V or 28V systems. Features power out warning flag. Unlighted. Includes electrical plug connector and cable clamp.

UNLIT 0° PANEL P/N 10-22510
UNLIT 8° PANEL P/N 10-02261
LIT 0° PANEL P/N 10-02262
LIT 8° PANEL P/N 10-02263
Connector MS3106A-10SL-3S P/N 11-04968
Cable Clamp MS3057-4A P/N 11-04969



BANK INDICATORS (BALL TYPE)

Bank indicators show the lateral inclination relative to the horizon. 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



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

MID-CONTINENT TURN & BANK (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
MS3057-4A Cable Clamp

FALCON TURN & BANK (ELECTRIC)



The unit is an electrically-driven gyroscope. The inclinometer, by movement of a ball in relation to the lubber lines, indicates the slip angle of the aircraft while in a turn. A power flag drops into view whenever the voltage drops below a level which is required for proper operation of the gyro. It incorporates a built-in voltage regulator so it can be used with either 14VDC or 28VDC power supply system. It has a DC-AC-DC converter. Power Supply: 10-30VDC, Electrical Consumption:

Max. 1.0A at 11-26VDC Max. 0.35A at 26 to 30VDC, Operating Range: 2 min. Turn, Weight: 18 oz./0.5 kg, Length: approx. 5 inches Unlit
P/N 10-22515



RCA 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
Plug Connector P/N MS3106A-10SL-3S
Cable Clamp P/N MS3057-4A



RCA MINIATURE TURN/BANK (ELECTRIC)

Similar to the air driven model but the gyroscope is electrically driven. Connection is by electrical plug. Power: 14 or 28V DC. New manufacture.

28V, 4 Min Turn Yellow markings P/N 10-03429
14V, 2 Minute Turn P/N 10-00499
14V, 2 Minute Turn 14/28 V Lit P/N 10-02587
Plug Connector P/N MS3106A-10SL-3S
Cable Clamp P/N MS3057-4A

AN5820-1 TURN & BANK (VACUUM)



AN5820-1 Turn & Bank indicator completely overhauled and certified to FAA requirements. Fresh matte-white dial markings with "doghouses". 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 warranty.
P/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

MINIATURE 2-1/4" TURN & SLIP INDICATOR



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

14V Turn & Slip P/N 10-00305
28V Turn & Slip P/N 10-00310
Plug Connector P/N MS3106A-10SL-3S
Cable Clamp P/N MS3057-4A



2-1/4" INCLINOMETER

This in-dash mounted inclinometer is lightweight and fits a standard 2-1/4" instrument hole. Used on Kitfox aircraft & ideal for virtually any homebuilt. P/N 10-00705

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