

GYROS

RC ALLEN VACUUM HORIZON GYRO



The RCA22 Series of vacuum artificial horizon are controlled by air driven precision gyros to present the pilot with pitch and roll information. The attractive color scheme of blue sky and brown ground presents a realistic spherical display of flight. Unless otherwise indicated all instruments have a dark blue/brown display, fixed pointer and are unlighted. This is the "standard" display. Instruments equipped with a warning flag

will let you know when vacuum has dropped below 3.8 inch Hg. Flag retracts from view at 4.3 inch. Hg. Instrument fits in a standard 3 1/8" panel cutout.

Meets or exceeds all requirements of FAA TSO C4C and Aeronautical Standard AS396B. *Additional core charge added to purchase at time of checkout. Exchange core must be a like core* and the core must be returned no later than 20 days from the invoice date to receive core credit.

| Model No. | Description | Part No. | Price |
|-----------|---|----------|-------|
| RCA22-7 | Standard display, 0 Degree Tilt | 10-01371 | --- |
| RCA22-7F | Standard Display with a warning flag. 0° Tilt | 10-00504 | --- |
| RCA22-7F | Standard Display with a warning flag. Specify Tilt | 10-04996 | --- |
| RCA22-11 | Standard display, lighted 14V, 0° Tilt. | 10-00502 | --- |
| RCA22-11 | Standard display, lighted 14V, Custom Tilt. | 10-04995 | --- |
| RCA22-11 | Standard display, lighted 28V, 0° Tilt | 10-01391 | --- |
| RCA22-11 | Standard display, lighted 28V, 8° tilt | 10-03635 | --- |
| RCA22-11F | Standard display, lighted, with a warning flag. (14V) 0° Tilt | 10-00094 | --- |
| RCA22-11F | Standard display, lighted, with a warning flag. (14V) Custom Tilt | 10-04993 | --- |
| RCA22-11F | Standard display, lighted, with a warning flag. (28V). 0° Tilt. | 10-03574 | --- |
| RCA22-15 | Display is blue over black 0° Tilt. | 10-01109 | --- |
| RCA22-15 | Display is blue over black 8° Tilt. | 10-05007 | --- |
| RCA22-15 | Display is blue over black. Custom Tilt. | 10-04997 | --- |
| RCA22-7 | Overhauled RCA22-7 Horizon Gyro* | 10-05439 | --- |
| RCA22-7F | Overhauled RCA22-7F | 10-05869 | --- |
| RCA22-11 | Overhauled RCA22-11 | 10-05870 | --- |
| RCA22-11F | Overhauled RCA22-11F | 10-05871 | --- |
| RCA22-15 | Overhauled RCA22-15 | 10-05872 | --- |

RC ALLEN DIRECTIONAL GYROS VERTICAL CARD (VACUUM)



RCA11A-8

RCA11A-15

The RCA11A series of vacuum directional gyros utilize and air driven precision gyro that controls a vertical rotating azimuth gimbal. The R.C. Allen Model RCA11A has been designed to provide a long life of accurate operation even when subjected to severe operating requirements. This instrument

is engineered with a minimum of machined parts, providing lower initial cost and lower maintenance cost through its lifetime. The RCA11A is non-tumbling within ±85° limits in pitch and roll and can be easily installed in any 3 1/8" panel cut out. Meets or exceeds all requirements of FAA TSO C5c and Aeronautical Standard AS397.

Dimensions: Length: 6.7" Height: 3.4" Width: 3.4" Weight: 2.3 Pounds

| Model No. | Description | Part No. | Price |
|------------|--|----------|-------|
| RCA11A-8 | Standard Display | 10-01370 | --- |
| RCA11A-8F | Standard Display with Flag | 10-01680 | --- |
| RCA11A-15 | Cardinal Heading markers N., S., E., & W. (Piper/Cessna display) | 10-00390 | --- |
| RCA11A-15F | Same as RCA11A-15 with flag | 10-01116 | --- |
| RCA11A-16B | Standard Display, Lighted, 14 Volt. | 10-01369 | --- |
| RCA11A-17B | Standard Display, Lighted, 28 Volt | 10-01389 | --- |
| RCA11D-4 | Single Pointer, 400hz Autopilot with heading bug. | 10-01117 | --- |
| RCA11D-5 | Dual Auto Pilot with Heading Bug | 10-03430 | --- |
| RCA11D-7 | With Heading Bug Only | 10-02931 | --- |
| 11A Series | Factory Overhauled 11A Series Gyro (Core Charges Apply) | 10-05683 | --- |
| RCA11A-15 | Factory Overhauled (Piper/Cessna Display)(Core Charges Apply) | 10-06263 | --- |

RC ALLEN MINI6 MULTIFUNCTION DIGITAL INSTRUMENT



The MINI6 indicator is the newest addition to RC Allen's groundbreaking line of digital instruments. It offers all the instrumentation of a traditional six-pack in one clean, customizable and easy to read presentation. The fully certified, easy to install indicator comes equipped with an internal battery backup providing an exceptional level of redundancy to any application.

Easy to Install: • Fits standard 3" cutout • No panel modifications • Rear mounted, matching the

installation of standard 3" mechanical units

Customizable • Wide range of customization options including range marks, units and display features • Selectable Heading Type (Magnetic Heading or Ground Track)

Reliable • Internal battery backup • Self-contained • Solid state • 2 year warranty.....P/N 10-07331 -----

SIGMA-TEK 5000B SERIES STANDARD ATTITUDE GYROS



The 5000B is an air-driven gyro that has a pictorial horizon mask and fixed airplane. The mask moves to indicate climb, dive, and bank. Bank and pitch attitudes are displayed so that the pilot's sensing of the gyro indication is the same as the interpretation of the relation between the wings of the aircraft and the natural horizon during visual flight.

This instrument is FAA certified, and can be used to replace the aircraft's turn coordinator when equipped with an inclinometer.

The Standard configuration can replace most air driven gyros with the major difference being in the layout and colors of the display.

NOTE: Lighted instruments do not include lamp trays, please see accessories to purchase separately.

| Sigma-Tek | Model | Display Colors | Inclino-meter | Lighted | Panel Tilt | Part Number | Price |
|--------------|----------|----------------|---------------|---------|------------|-------------|-------|
| 1U149-010 | 5000E-13 | Blue/Black | No | Yes | 0 | 10-04790 | --- |
| 1U149-010-1 | 5000B-37 | Blue/Brown | No | Yes | 0 | 10-01071 | --- |
| 1U149-010-4 | 5000B-54 | Blue/Brown | No | Yes | 8 | 10-04655 | --- |
| 1U149-010-5 | 5000B-64 | Blue/Black | No | Yes | 8 | 10-04660 | --- |
| 1U149-013-1 | 5000B-45 | Blue/Brown | Yes | Yes | 0 | 5000B-45 | --- |
| 1U149-013-3 | 5000B-53 | Blue/Brown | Yes | Yes | 8 | 5000B-53 | --- |
| 23-501-06-9 | 5000B-20 | Blue/Black | No | No | 0 | 10-00389 | --- |
| 23-501-06-12 | 500B-24 | Blue/Black | No | No | 8 | 10-04652 | --- |
| 23-501-06-16 | 5000B-36 | Blue/Brown | No | No | 0 | 5000B | --- |
| 23-501-06-17 | 5000B-42 | Blue/Brown | No | No | 8 | 5000B-42 | --- |
| 23-501-033-3 | 5000B-46 | Blue/Brown | Yes | No | 0 | 5000B-46 | --- |
| 23-501-034-4 | 500B-51 | Blue/Brown | Yes | No | 8 | 5000B-51 | --- |

Accessories

BA14-24-BW3G (14 Volt Lamp Tray).....P/N 10-02757 -----

BA28-24-BW3G (28 Volt Lamp Tray).....P/N 10-02758 -----

SIGMA-TEK 5000B SERIES ATTITUDE GYROS WITH WARNING FLAG



This gyro is a variation of the popular 5000B air-driven attitude gyro. It includes a warning flag that drops into view upon the loss of vacuum. This can be a life saving feature during an emergency in a busy cockpit. The horizon mask moves to indicate

climb, dive, and bank attitudes, which are portrayed against a fixed airplane. The fluid movements and intuitive presentation provide the pilot with a realistic sense of the aircraft's attitude in relation to the natural horizon. This instrument is FAA certified, and can be used to replace the aircraft's turn coordinator when equipped with an inclinometer. This configuration includes a "Warning Flag" that is visible immediately upon Loss of vacuum or pressure. It is a very valuable upgrade as a safety feature. **Display Colors: Blue/Brown Note: Lighted instruments do not include lamp trays, please see accessories to order separately.**

| Sigma-Tek | Model | Inclino-meter | Lighted | Panel Tilt | Part Number | Price |
|--------------|----------|---------------|---------|------------|-------------|-------|
| 23-501-031-1 | 5000B-38 | No | No | 0 | 10-02078 | --- |
| 1U149-012 | 5000B-40 | No | Yes | 0 | 10-00132 | --- |
| 23-501-032-2 | 5000B-43 | No | No | 8 | 10-04653 | --- |
| 1U149-012-2 | 5000B-52 | No | Yes | 8 | 10-04654 | --- |
| 23-501-041-1 | 5000B-60 | Yes | No | 0 | 10-04656 | --- |
| 23-501-042-2 | 5000B-61 | Yes | No | 8 | 10-04657 | --- |
| 1U149-016-7 | 5000B-62 | Yes | Yes | 0 | 10-04658 | --- |
| 1U149-016-8 | 5000B-63 | Yes | Yes | 8 | 10-04659 | --- |

Accessories

BA14-24-BW3G (14 Volt Lamp Tray).....P/N 10-02757 -----

BA28-24-BW3G (28 Volt Lamp Tray).....P/N 10-02758 -----