

GYROS

SIGMA-TEK ATTITUDE GYROS (VACUUM)



An air operated instrument which indicates aircraft attitude through 360° in roll & 360° in pitch. The pictorial airplane remains fixed during gyro operation but may be adjusted by the pilot for changing conditions. The upper half of the horizon bar and the mask are light blue color. Sky is blue and ground is brown. Zero pointer and airplane wings are yellow. Numerals and markings are white on dull black background. Vacuum port and air inlet ports 1/4" NPT. Gauge port 1/8" NPT. Size: 3-3/8" x 3-3/8" x 6-3/8". Wt: 1.9lbs. Standard equipment in production Cessna & Piper aircraft. If instrument panel is tilted, special order gyro is required. *Lighting tray must be purchased to attach to the bezel for lighting.

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|---|-------------------|
| Model 5000B..... | P/N 5000B..... |
| Model 5000B-20 (Black/Blue)..... | P/N 10-00389..... |
| Model 5000B Lighted (tray sold separately)..... | P/N 10-01071..... |
| Model 5000B with 8° panel tilt..... | P/N 5000B-42..... |
| Model 5000B-F w/Vacuum Failure Flag..... | P/N 5000B-F..... |
| Model 5000B w/Fail. Flag..... | P/N 10-00132..... |
| 5000B Light Tray 14V..... | P/N 10-00111..... |
| 5000B Light Tray 28V..... | P/N 10-00112..... |

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.

| Model No. | Description | Part No. | Price |
|-----------|---|----------|-------|
| RCA22-7 | Standard display, tilt must be specified at time of order. | 10-01371 | . |
| RCA22-7-8 | Standard Display, with 8° Tilt. | 11-03607 | . |
| RCA22-7F | Standard Display with a warning flag. | 10-00504 | . |
| RCA22-11 | Standard display, lighted 14V, Tilt must be specified at time of order. | 10-00502 | . |
| RCA22-11 | Standard display, lighted 28V, Tilt must be specified at time of order. | 10-01391 | . |
| RCA22-11 | Standard display, lighted 28V, 8° tilt | 10-03635 | . |
| RCA22-11F | Standard display, lighted, with a warning flag. (14V) | 10-00094 | . |
| RCA22-11F | Standard display, lighted, with a warning flag. (28V) | 10-03574 | . |
| RCA22-15 | Display is blue over black Tilt must be specified at time of order. | 10-01109 | . |

RC ALLEN ATTITUDE GYROS (ELECTRIC)



The RCA26 Series is the top of the line and has been designed for precision and reliability. The RCS26EK Series is a 12-30VDC instrument. You have a choice of a fixed or moveable pointer, and a 14 or 28 volt lighting. Performance characteristics include roll indication of 360°. Pitch ± 30°. Pitch trim range ± 7°. Slip Indicator can be added upon request. Mating connector (MS3116E8-4S) is also available. Pictured is the RCA26EK-11

| Model No. | Description | Part No. | Price |
|-------------|---|----------|-------|
| RCA26EK-6 | 12-30 VDC. Fixed Pointer. Unlighted | 10-01328 | . |
| RCA26EK-7 | 12-30 VDC. Lighted | 10-01329 | . |
| RCA26EK-11 | Fixed Pointer, unlit. Tilt must be specified at the time of order. | 10-02524 | . |
| RCA26EK-12 | Fixed Pointer, lighted. Voltage and tilt must be specified at time of order. | 10-02526 | . |
| RCA26EK-13 | Moveable pointer, unlit. Tilt must be specified at time of order. | 10-02527 | . |
| RCA26EK-14 | Moveable pointer, lighted. Voltage and tilt must be specified at time of order. | 10-02528 | . |
| RCA26AK-1 | Standard look, 14 VDC, Lighted, Moveable pointer, Stationary roll dial. | 10-00608 | . |
| RCA26AK-2 | Standard look, 14 VDC, Lighted, fixed pointer, moveable roll dial. | 10-01683 | . |
| RCA26AK-2-8 | Standard look, 8° Tilt, 14 VDC, Lighted, fixed pointer, moveable roll dial. | 10-00392 | . |
| RCA26AK-3 | Standard look, 14 VDC, Moveable pointer, stationary roll dial. | 10-01118 | . |
| RCA26AK-4 | Standard look, 14 VDC, Fixed Pointer, Moveable roll dial. | 10-01392 | . |
| RCA26AK-4-8 | Standard look, 8° Tilt, 14 VDC, Fixed Pointer, Moveable roll dial. | 10-00391 | . |
| RCA26BK-2 | Standard look, 28 VDC, Lighted, Moveable pointer, Stationary Roll Dial. | 10-01119 | . |
| RCA26BK-6 | Standard look, 28 VDC, Fixed Pointer, Moveable Roll Dial. | 10-01393 | . |
| RCA26BK-8 | Standard look, 28 VDC, Moveable pointer, Stationary Roll Dial. | 10-01120 | . |
| RCA26BK-9 | Standard look, 28 VDC, Lighted, Fixed pointer, Moveable Roll Dial. | 10-00466 | . |
| RCA26BK-12 | 5° Tilt, 28 VDC, Lighted, Moveable pointer, fixed roll dial | 10-01122 | . |
| MS3116E8-4S | Connector | 10-00791 | . |
| 44-0007-01 | A slip indicator/inclinometer for all the RCA26 series & RC Allen vacuum horizons | 10-02586 | . |

SIGMA-TEK DIRECTIONAL GYRO VERTICAL CARD (VACUUM)



An air operated instrument which indicates compass headings through 360°. The gyro is functional during dives, climbs or banks up to 55 degrees displacement from level flight. Dial has matte white numerals and markings on a dull black background. Vacuum port and air inlet ports 1/4" NPT. Gauge port 1/8" NPT. Size: 3.25" x 3.25" x 6.5; Wt. 2.6 lbs. Standard equipment in production Cessna and Piper aircraft. New manufacture.

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| Model 4000B (Unlighted)..... | P/N 4000B..... |
| Model 4000B-31 (Lighted - Tray sold separately)..... | P/N 10-00588..... |
| Model 4000B w/ Heading Bug..... | P/N 10-00469..... |
| 4000HR-3 w/Bug (Tray sold separately)..... | P/N 10-00095..... |
| Model 4000C Autopilot DG..... | P/N 4000C..... |

SIGMA-TEK 4000D-6 DIRECTIONAL GYRO

Lighted gyro is compatible with S-Tec autopilots (S-Tec Model 6406)
 Gyro Only..... P/N 10-00587
 14 Volt Light Tray..... P/N 10-00111
 28 Volt Light Tray..... P/M 10-00112

SIGMA-TEK FACTORY OVERHAULED GYROS

Factory-overhauled gyros that are like new and carry the same warranty as a new units. Installation must be within 6 months of factory ship date, full replacement warranty is 12 months from date of installation. Exchange core must be a like core* and the core must be returned no later than 45 days from the invoice date to receive core credit. *Like cores include: any 4000B series Sigma Tek/EDO-Aire core as exchange for a 4000B-30 any 5000B series Sigma Tek/EDO-Aire core as exchange for a 5000B-36

| Description | Sigma-Tek Model No. | Our PN | Core | Price |
|------------------|---------------------|----------|----------|-------|
| Attitude Gyro | 5000B-36 | 10-03360 | \$275.00 | . |
| Directional Gyro | 4000B-30 | 10-03359 | \$275.00 | . |



INSIGHT GYRO 4000

Replace Troublesome Learjet DN-101 or DN-104 Gyros with Dependable 10,000 Hour Sperry/Honeywell Gyros The Insight Gyro 4000 is based on the best heading system in the industry, the Sperry/Honeywell C-14A.

The C-14A rotors are equipped with long life ceramic bearings rated for 10,000 hours. Combining the C-14A with special interface circuitry in a compatible package, the Gyro 4000 is a plug-in replacement for the old JET DN-101 or DN-104. STC'd for Learjet: 23, 24, 25, 28, 29, 31, 35 and 55 DN-101,104 equipped Learjets as a direct replacement.

P/N 11-05199



RC ALLEN DIRECTIONAL GYROS VERTICAL CARD (VACUUM)

The vertical rotating azimuth card is controlled by a precision air-driven gyroscope. This D.G. will give correct heading information through 85° of aircraft attitude in roll and pitch, 360° in yaw. Full-freedom design allows accurate indication, even after extreme maneuvers. Size: 3-3/8" x 3-3/8" x 7". Wt. 2.9 lbs. Fits standard 3-1/8" dia. panel cutout. Factory new.

| 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 | Cardinal Heading markers N., S., E., & W. (Piper/Cessna display) With Flag | 11-01116 | . |
| 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 | . |

RC ALLEN DIRECTIONAL GYROS (ELECTRIC)



The RCA15 Series electric directional gyro employs and electrically driven gyro motor and is a direct reading, azimuth indicator. Rotor run up time is 3 min. They have a built in inverter which converts aircraft DC power to the required AC voltage and frequency. May be used in both fixed wing and rotor wing aircraft and is easily installed in standard 3 1/8" panel cut out. Power failure flag drops into view when supply voltage is lost or has dropped below a level for proper operation of the gyro. Azimuth indication range 360°. Altitude operation -1,000 to 40,000 feet. Meets or exceeds all requirements of FAA TSO C5c, and Aeronautical Standard AS397. Mating connector MS3116E8-4S

| Model | Description | Part No. | Price |
|-------------|----------------------------|----------|-------|
| RCA15AK-1 | 14 VDC, Lighted | 10-01681 | . |
| RCA15AK-2 | 14 VDC | 10-01390 | . |
| RCA15BK-1 | 28 VDC, Lighted | 10-01682 | . |
| RCA15BK-2 | 28 VDC | 10-00501 | . |
| RCA15AK-16 | 14 Volt, 400HZ, 5K. | 10-02530 | . |
| RCA15AK-17 | 14 Volt, Heading Bug only. | 10-02529 | . |
| RCA15BK-16 | 28 Volt, 400HZ, 5K. | 10-02533 | . |
| RCA15BK-17 | 28 Volt, Heading Bug only. | 10-02532 | . |
| MS3116E8-4S | Mating Connector | 10-00791 | . |