The RCA22 Series of vacuum artificial horizon are 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 cutout. Full freedom design allows accurate indication, even after extreme maneuvers. Stainless steel is used at wear points, with aluminum investment castings and die casting. A knob is provided to reset the gyro, when compared to the magnetic compass. The RCA11A-8 features the "standard" display. Meets of exceeds all requirements of FAA TSO C5c and Aeronautical Standard AS396B.

### RC ALLEN DIRECTIONAL GYROS

#### VERTICAL CARD (VACUUM)

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 cutout. Full freedom design allows accurate indication, even after extreme maneuvers. Stainless steel is used at wear points, with aluminum investment castings and die casting. A knob is provided to reset the gyro, when compared to the magnetic compass. The RCA11A-8 features the "standard" display. Meets of exceeds all requirements of FAA TSO C5c and Aeronautical Standard AS397.

### SIGMA-TEK 5000B SERIES

#### ATTITUDE GYROS WITH WARNING FLAG

This gyro is a variation of the popular 5000B air-driven 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 movements and intuitive presentation provide the pilot with a realistic sense of the aircraft’s attitude in relation to 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.

### 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.