GYROS – STANDBY VACUUM SYSTEMS

MID-CENTINENT INSTRUMENTS AND AVIONICS MINI 2-INCH ATTITUDE INDICATORS

The Mini Gyro offers big features in a compact package. At half the cost of the competition, the Mini Gyro not only saves panel space, but also time and money. An ideal standby instrument, this TSO approved indicator has 10-32 volt DC operation and is an attractive alternative to vacuum systems. It features unique LED lighting selectable to 5, 14 or 28 volts. Remote emergency power supply available for this indicator (P/N 11-05540).

Standard airplane display ........P/N 10-01721 ........$3,480.00
Delta airp. display ........P/N 10-01722 ........$3,467.00
Slip indicator (inclinometer) ........P/N 10-04775 ........$255.95
Emergency Power Supply ........P/N 11-05540 ........$2,370.00

MID-CENTINENT INSTRUMENTS & AVIONICS STANDBY ATTITUDE MODULE MD302

SAM® is the industry’s first digital standby instrument to provide attitude, altitude, airspeed and slip information to the pilot in an advanced, 2-inch format. SAM delivers an easy-to-fit, compact design with selectable orientation (horizontal and vertical) like no other, ensuring a perfect fit within any panel. The unique two-screen display features high-definition graphics and extra-wide viewing angles, and at 1.6 pounds, SAM weighs less than just one of the three instruments it’s designed to replace. See www.aircraftspruce.com for complete list of features and specifications.

Emergency Power Supply ..........P/N 10-00400 ........................$1,195.00
VPD 1000B Light Tray 14V ..........P/N 10-00110 ........................$79.75
VPD 1000B Light Tray 24V ..........P/N 10-00111 ........................$79.75
VPD 10-00112 5000B Light Tray 24V ..........P/N 10-00112 ........................$79.75
VPD 5000M-1 With Caging Knob, 0° Panel Tilt, Lighted ..........P/N 10-00111 ........................$2,153.00
VPD 5000M-2 With Caging Knob, 8° Panel Tilt ..........P/N 10-00112 ........................$2,153.00
VPD 5000M-3 With Caging Knob, 0° Panel Tilt, Lighted ..........P/N 10-00111 ........................$2,153.00
VPD 5000M-4 With Caging & Inclinometer, 0° Panel Tilt ..........P/N 10-00111 ........................$2,153.00
VPD 5000M-5 With Caging & Inclinometer, 8° Panel Tilt ..........P/N 10-00112 ........................$2,153.00
SIGMA TEK CAGEABLE ATTITUDE GYROS

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Delta airp. display ........P/N 10-01722 ........$3,467.00
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Emergency Power Supply ........P/N 11-05540 ........$2,370.00

MID-CENTINENT INSTRUMENTS & AVIONICS STANDBY ATTITUDE MODULE MD302

The MD32 Magnetometer is designed specifically for the MD32 Standby Attitude Module — SAM®. The MD32 is FAA TSO-certified and delivers independent heading reference without orientation limitations or the need for special installation hardware. Its compact size, unique mounting flexibility, and convenient cockpit calibration ensure easy, economical installation.

Emergency Power Supply ..........P/N 10-00400 ........................$1,195.00
VPD 1000B Light Tray 14V ..........P/N 10-00110 ........................$79.75
VPD 1000B Light Tray 24V ..........P/N 10-00111 ........................$79.75
VPD 10-00112 5000B Light Tray 24V ..........P/N 10-00112 ........................$79.75
VPD 5000M-1 With Caging Knob, 0° Panel Tilt, Lighted ..........P/N 10-00111 ........................$2,153.00
VPD 5000M-2 With Caging Knob, 8° Panel Tilt ..........P/N 10-00112 ........................$2,153.00
VPD 5000M-3 With Caging Knob, 0° Panel Tilt, Lighted ..........P/N 10-00111 ........................$2,153.00
VPD 5000M-4 With Caging & Inclinometer, 0° Panel Tilt ..........P/N 10-00111 ........................$2,153.00
VPD 5000M-5 With Caging & Inclinometer, 8° Panel Tilt ..........P/N 10-00112 ........................$2,153.00
SIGMA TEK CAGEABLE ATTITUDE GYROS

Short stops (engine off less than twelve minutes) and some aerobatic maneuvers may cause your attitude gyro to tumble or precess from its vertical reference. When the gyro is spinning, the gyro normal erection system is slow and can take several minutes to correct a large erection error. This non-locking cap feature allows the pilot to quickly align the gyro display and rotor to gyro case reference. The attitude gyro should only be caged for quick alignment during straight and level VFR flight using well defined earth horizon for reference or pilot to take off. All lighted gyros must order tray separately.

B&C LYCOMING VACUUM PUMP PAD ADAPTER INVERTED OIL PICKUP

This provides a direct replacement for the Lycoming vacuum pump pad adapter. Its unique design offers both a standard vacuum pump pad adapter AND provision for inverted oil pickup. The vacuum pump pad is often used for a B&C splay-driven alternator, such as the SD9 or SD20. Aircraft with oil systems using the standard “T” fitting on the firewall will typically experience a 3 to 5 second drop into the “yellow” oil pressure range after rolling inverted. However with this installed, the oil pressure will have a momentary blip or “wiggle” on the oil pressure gauge as the ball valve switches ends. As a result, the engine receives better lubrication and prop surges are lessened. The comes with oil seal installed, gaskets, and an MS20822-10D 90 degree fitting. Just slip the existing vacuum pump gear and thrust washer in, and it is ready for installation on the engine. The standard Lycoming vacuum pump gear and washer will fit (gear and washer not included). Alternate PN: VAC-2/4.

B7C704-H For 4 Cylinder Engines ........P/N 07-007690 ..........$199.95
B7C706-H For 6 Cylinder Engines ........P/N 07-007691 ..........$192.75

STANDBY VACUUM SYSTEM SVS V

Manufactured by Precise Flight, Inc., this Standby Vacuum System, SVS V, is a new solution to the old problem of in-flight vacuum pump failures. It operates on a differential between manifold pressure and ambient pressure which is directed through a shuttle valve system to drive the flight instruments. When the vacuum pump fails, the pilot simply turns off the SVS V system and adjusts engine power settings while observing the vacuum gauge suction gauge to obtain adequate differential to operate the instruments. Kit includes low vacuum light and installs in 2-4 hours. STCD for most aircraft. This kit can provide the peace of mind on all flights and that pump ever fails, can be a real life saver.

AERO SAFE GUARDIAN I STANDBY VACUUM/PRESSURE SYSTEMS

The Aero Safe Guardian I Standby/ Pressure system is designed to provide the pilot with the most reliable standby source of instrument air available for single engine aircraft. STC'd for most Bellanca, Beech, Cessna, and Piper single engine aircraft. Specify aircraft make, model, year, and serial number when ordering.

Vacuum system ..........P/N 10-00267 ..........$2,045.00
Pressure system ..........P/N 10-00268 ..........$2,057.00

www.aircraftspruce.com

Prices Subject to Change Without Notice