ACK A-30 ALTITUDE ENCODER

Add Mode C capability to your aircraft the most cost-effective way. The ACK encoder is the smallest, lightest, highest quality encoder available today and features the latest solid-state electronics for high reliability. Installation is quick and easy and usually is completed in less than 1 hour. It is compatible with most transponders in use today and reports altitude to 30,750 ft. Includes quick-release mounting tray, 4-ft. colored-wire harness with prewired jack, static line and fittings for installation in any aircraft, and installation manual with popular transponder pin-outs. 3yr. warranty. P/N 11-01561 $197.00

ACK A30.9 (MOD 9) ENCODER

The ACK A30.9 (Mod 9) encoder is ideal for use with most GPS and TAWS systems, and works well with most of today’s mode S transponders. Feature Gray code in 100-ft. increments and RS-232 in 10 or 100 feet increments. Furnished with a 4 ft. harness, pre-wired jack, quick release mounting tray, static line, and installation manual. Reports altitude to 42,000 ft. One Year Warranty. P/N 11-02375 $248.00

SANDIA SAC 7-35 AIRDATA COMPUTER

The SAC 7-35 is FAA TSO Approved as an altitude encoder. It provides standard Gillham Grey code for legacy transponders and RS-232 data for the new generations of transponders. SAC 7-35 is FAA TSO Approved as an altitude encoder. It provides standard Gillham Grey code for legacy transponders and RS-232 data for the new generations of transponders. SAC 7-35 offers all of the functions and capabilities of systems costing thousands of dollars more. The SAC 7-35 has multiple interface formats that allow it to provide data to a wide variety of avionics systems. Designed and manufactured to most exacting standards, you can depend on SANDIA Aerospace products to provide years of reliable service. And every product is backed by a three year warranty and personal service support. P/N 11-07938 $2,176.00

SANDIA SAC 7-35-01 AIRDATA COMPUTER

The SANDIA aerospace SAC 7-35-01 is a airdata computer and data translator that interfaces the Garmin 400W/500W navigators and many transponders. The SANDIA SAC 7-35-01 is FAA TSO Approved as an altitude encoder. It provides standard Gillham Grey code for legacy transponders and RS-232 data for the new generations of transponders. SAC 7-35-01 has all the functions and capabilities of systems costing thousands of dollars more. The SAC 7-35 has multiple interface formats that allow it to provide data to a wide variety of avionics systems. P/N 11-09321 $4,194.00

MICROAIR EC2002 ALTITUDE ENCODER

EC2002 will accurately report the aircraft’s altitude from -1000 to +35,000ft. The altitude output will be via the 10 line Gillham “Gray” code. Accuracy has been measured as a 40 foot drift over 35,000 feet. Lower power requirements of any other units currently available today. Typical current consumption of 10 – 90mA, this makes it the logical choice for battery only operators. Small size and light weight make installation very simple. The chassis is flanged, and is predrilled with mounting holes for easy attachment. The connections consist of the well know DB-15 electrical connector with pin assignments identical to many existing encoders, and a 1/8” NPT fitting which is an industry standard for aircraft equipment. These connections make it compatible with all ATC transponders currently available. P/N 11-05105 $294.95

ENCODERS - CABIN SPEAKERS

American King Altitude Encoders

The AmeriKing AK-350 is the most advanced blind altitude reporter on the market, extremely accurate and reliable, the AK-350 is compatible with all transponders, is TSO/C88 approved, and reports altitude to 30,000 ft. Only 3.5” x 2” x 4.75” and weighs 0.4 lbs. Perfect for pressurized or non-pressurized installations and uses 14V or 28V power. Installation is very simple; all accessories and installation instructions are included. 3 year extended warranty. The AK-352, AK-400 and AK-500 encoders are designed for aircraft flying at altitudes higher than 30,000 ft.

Sandia SAES-35 Altitude Encoder

The SAES-35 altitude encoder from Sandia is small (1” high), lightweight (12 oz.) and utilizes Gillham Grey code in 100’ resolution for optimum performance and accuracy. Features two RS-232 outputs in 10 foot resolution, simplifying installation. All connectors are on the same side for easy mounting, and digital calibration eliminates analog drift. Altitude In-Flight Monitoring (AIM) mode alerts the pilot when he strays off altitude. Requires virtually no warm up time and uses very little power. Fully TSO’d and backed by factory 3 year warranty. Power: 11-33VDC. P/N 11-06665 $384.00

Trans-CAL Altitude Encoder Model SSD120-30N

Reliable service for over 10 years. * Pin for pin replacement for most other manufacturers encoders. * Comes with Mating Connectors with Cable Clamps, and Mounting Bracket. * Optional: Available with two independent RS232 serial data ports selectable message protocols for most popular avionics interfaces. Programmable for 100’ and 10’ resolutions. See Part No. 11-06983 * Optional: Available with adapter plates that will allow the installer to mount the unit in another manufacturers mounting tray. Specifications: * Size: 2.5”W x 3.42”H x 1.38”L. * Weight: 5.9 oz. * Will operate on either 14 or 28 VDC at 0.270 Amps. P/N 11-04649 6 x 4 Round 4.8C 3.2 $232.95 P/N 11-09608 4 x 2 Round 4.8C 3.2 $306.00

Trans-CAL Altitude Encoder Model SSD120-30N-RS232

Reliable service for over 10 years. Pin for pin replacement for most other manufacturers encoders. Optional: Available with adapter plates that will allow the installer to mount the unit in another manufacturers mounting tray. * Will operate on either 14 or 28 VDC at 0.270 Amps. There are two versions of this model:

Standard Version SSD120-30N

- Version SSD120-30N-MOD1 for NARCO AT-SA, 6A, 50, 50A Transponders. The NARCO AT-SA, AT-6A, AT-50, or AT-50A transponder will not accept data from the SSD120-(XX)N-RS232 Altitude Digitizer. A recent modification to remove the output decoupling capacitors is required and this version includes that modification. 30,000 ft. Range P/N 11-06983 $299.00 35,000 ft. Range P/N 11-09609 $418.00 SSD120-30N-MOD1 P/N 11-09917 $306.00

Aircraft Cabin Speakers

Engineered for 10,000 hrs. of performance, (minimum) these flame resistant speakers sound clear and last longer. The magnet assemblies are heavier than original equipment, yet the overall speaker depth is only 2”. The voice coils are heat treated to withstand high power levels & the gaskets are treated with a moisture barrier, for unprecedented reliability. P.C. = Pin cushion.


11-04649 6 x 4 x 1.878 P.C. Oval 4.8C 3.2 10 1500 $314.65

11-04646 6 x 4 Round 4.8C 3.2 10 2018 $278.85

AV

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AIRCRAFT SPRUCE WEST CORONA, CA • (877) 4-SPRUCE

Prices Subject to Change Without Notice