Sometimes you need a second-in-command. That’s what you get when you bring high-end flight deck technology to your cockpit with GTN. And that’s what you need when weather is looming and fuel is limited. Capabilities like creating and executing custom holds, loading a second approach while going missed, animating NEXRAD weather and more. So you take the work out of high-workload situations. Learn more at Garmin.com/aviation.
Get Stall Smart.

**Evolution Angle of Attack (AOA) Indicator**

**Reducing the likelihood of aircraft stalls**

Aircraft stalls are a major concern for every pilot. So much so, that the FAA has identified it as one of its key safety issues facing general aviation.

Aspen’s innovative Evolution AOA indicator provides the pilot a visual display of the AOA trend and the approximate available lift simultaneously in all phases of flight. With a simple software upgrade, Aspen’s AOA uses unique, patent-pending technology to calculate and intuitively display the aircraft AOA for both flaps up and flaps down aircraft configurations on Aspen’s Evolution primary or multi-function displays without the need for additional hardware or aircraft modifications.

For more information, visit [www.aspenavionics.com/aoa](http://www.aspenavionics.com/aoa)

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**EFD1000 Pro PFD**

**EFD1000 MFD**

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Welcome to Pacific Coast Avionics. From our beginning in 1991 our goal is to serve our customers avionics needs better than anyone. We can help you with any of your avionics, GPS, instrument, headset, avionics installation supplies, or pilot supply needs. From experimental/LSA aircraft to corporate jets, we have one of the leading installation facilities on the west coast. Our E-commerce Website and our annual Product Catalog are favorites among aviators around the world and we offer worldwide shipping at unbeatable prices. In fact we guarantee them to be the lowest in the industry! With a comprehensive inventory developed to meet almost any avionics, instrument, or pilot supply need, you’re sure to find what you want at a price you can afford.

"At Pacific Coast Avionics, our promise is to provide The best products, at the lowest price, with the best Customer service the industry. We appreciate the opportunity to earn your business."

Dewey Conroy, Chief Operating Officer
Pacific Coast Avionics is recognized as one of the leading avionics facilities in the western U.S. Our skilled technicians have completed hundreds of avionics installations on aircraft ranging from single engine, to corporate jets. Our goal is to provide our customers with the best customer experience possible at an unbeatable price. Pacific Coast Avionics is an authorized and preferred dealer for Garmin, Avidyne, Aspen, Bendix/King, L-3, Genesys Aero, and many others.

FAA Repair Station OPXR455L-Class 1, 2, 3 & Limited Airframe and Instrument

PACIFIC COAST AVIONICS PILOT STORE

When you are in the Portland area, stop by and visit our showroom where you will experience one of the most comprehensive and interactive display areas anywhere. We have a huge selection of cockpit and pilot essentials including avionics, instruments, headsets and pilot supplies—all available for hands-on demonstration. At PCA, you will be assisted by a sales and technical staff that know the products, and will provide outstanding customer service and prices that we GUARANTEE to be the best in the industry.

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CONNECT WITH US FOR SPECIAL DEALS, INDUSTRY NEWS, AND CONVERSATION WITH THE PILOT COMMUNITY

BEST PRICING & BEST SERVICE SINCE 1991 • SHOP ONLINE WWW.PCA.AERO
With ADS-B, pilots for the first time see what controllers see: displays showing other aircraft in the sky. Cockpit displays also pinpoint hazardous weather and terrain, and give pilots important flight information, such as temporary flight restrictions.

ADS-B reduces the risk of runway incursions with cockpit and controller displays that show the location of aircraft and equipped ground vehicles on airport surfaces — even at night or during heavy rainfall. ADS-B applications being developed now will give pilots indications or alerts of potential collisions.

ADS-B also provides greater coverage since ground stations are so much easier to place than radar. Remote areas without radar coverage, like the Gulf of Mexico and parts of Alaska, now have surveillance with ADS-B. Relying on satellites instead of ground navigational aids also means aircraft will be able to fly more directly from Point A to B, saving time and money, and reducing fuel burn and emissions. The improved accuracy, integrity and reliability of satellite signals over radar means controllers eventually will be able to safely reduce the minimum separation distance between aircraft and increase capacity in the nation’s skies.

Q. Who needs ADS-B, When and Where?
A. The quick answer is by January 1, 2020 everyone will need ADS-B “out” to fly anywhere that requires a transponder with altitude reporting today. Rule is as follows:
1. Class A, B, and C including lateral limits.
2. Class E airspace within the 48 contiguous states and the District of Columbia at and above 10,000 feet MSL, excluding the airspace at and below 2500 feet above the surface.
3. Class E airspace at and above 3,000 feet MSL over the Gulf of Mexico from the coastline of the United States out to 12 nautical miles.

Q. What is required to comply?
A. There are a minimum of two things required to comply with the ADS-B mandate. For certified aircraft, there must be a TSO-C145 WAAS GPS receiver on board, and either an Extended Squitter Mode S Transponder, or a 978MHz UAT transmitter. Experimental aircraft may use a non-TSO WAAS GPS as long as it meets the same specifications as what is required for TSO-C145. There are no portable ADS-B “out” devices that will meet the mandate. ADS-B “in” is not required by the mandate, but may be received on panel mounted or portable devices.

Q. What do I get with ADS-B “In”?
A. ADS-B “in” or FIS-B (Flight Information System), provides subscription free weather services that include NEXRAD, METARs, NOTAMs, TAFs, winds aloft, TFRs, AIRMETs, SIGMETs, PIREPs, and free-flying level. Real time air-to-air traffic information is also provided.

Q. Am I required to replace my Mode C Transponder?
A. Not unless you fly above 18,000 feet. For most aircraft all that is needed is a certified WAAS GPS and basic 978MHz UAT transmitter. However in many cases, replacing the Mode C transponder with a Mode S/ES Transponder is the least expensive solution to the ADS-B mandate.

Q. Will aircraft be able to fly in a non-tran- sponder area without ADS-B?
A. For the most part, the ADS-B Out mandate covers the same airspace where transponders are required. However, to be sure of the regulatory requirements it is best to check 14 CFR § 91.225 for ADS-B-designated airspace and 14 CFR § 91.215 for transponder-designated airspace.

Q. How do I know if my current equipment meets the ADS-B mandate?
A. Call us! We will be happy to answer all of your ADS-B questions and help you with the best ADS-B options for your airplane and your type of flying.

WHY ADS-B?
ADS-B is an environmentally friendly technology that enhances safety and efficiency, and directly benefits pilots, controllers, airports, airlines, and the public. It forms the foundation for NextGen by moving from ground radar and navigational aids to precise tracking using satellite signals.
WHICH ADS-B PRODUCT IS RIGHT FOR YOU?

Pacific Coast Avionics has a complete line of certified installed ADS-B systems and portable ADS-B receivers. Call us! We will help you choose the right system for you and your typical mission.

Portable ADS-B Options
If you have a Mode S/ES transponder connected to a certified WAAS GPS, these portable ADS-B receivers link to iPad and Android tablets for subscription free weather and traffic.

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Installed ADS-B OPTIONS
These certified ADS-B systems comply with the January 2020 mandate for ADS-B Out and several have the option for “In” weather and traffic.

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<tr>
<td>FreeFlight FDL-978 XVRL</td>
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**GARMIN**

**GTX-335/GTX-345 ADS-B TRANSPONDER**

The new GTX 335 and GTX 345 are all-in-one ADS-B transponders, which include Extended Squitter (ES) ADS-B “Out” with an option for a built-in WAAS position source as well as dual-link ADS-B “In.” With the most compatibility options in the industry, these new transponders display on a wide variety of current and legacy Garmin displays, including select G1000® integrated flight decks. Regardless of the existing avionics configuration, the GTX 345 enables more capabilities for pilots by displaying ADS-B traffic, subscription-free weather, GPS position data and back-up altitude information within popular apps such as Garmin Pilot and ForeFlight Mobile via Connetx® wireless technology.

The GTX 335 and GTX 345 incorporate the popular 1.65-inch tall panel mount transponder form factor and boast a bright, sunlight-readable digital display, including a pressure altitude readout and flight times, along with dedicated buttons for numeric squawk code entry. An option for an integrated WAAS/GPS position source provides aircraft owners with an all-in-one solution that meets worldwide ADS-B “Out” requirements. The GTX 345 includes a dual-link ADS-B receiver that delivers pilots a complete ADS-B provided traffic picture. When paired with compatible displays, the GTX 345 adds subscription-free Flight Information Service-Broadcast (FIS-B) weather and traffic, including exclusive features such as TargetTrend and TerminalTraffic. Remote mount options are also available for control and display within G1000 and GTX 650/750-equipped aircraft. When paired with an active traffic system, the GTX 345 combines ADS-B traffic targets and active traffic targets to display a comprehensive traffic picture. Beyond the display, the GTX 345 may be integrated into the aircraft's audio panel to provide ATC-like audible alerts, such as “Traffic: 10 o’clock, same altitude, 2 miles,” to help pilots keep their eyes outside the cockpit when looking for traffic.

Select G1000 equipped aircraft, either with or without WAAS, now have an elegant and simple path for ADS-B. A remote-mounted version of the GTX 335 or GTX 345 takes the place of the aircraft’s transponder and interfaces with either the aircraft’s existing WAAS position source or the optional integrated WAAS position source to meet worldwide ADS-B “Out” requirements. The dual-link GTX 345 provides the capability to display various ADS-B “In” benefits on the PFD and MFD. In addition to G1000, the GTX 345 integrates with many installed displays to provide the benefits of ADS-B “In,” further extending existing avionics investments. This includes the popular GTN 650/750 touchscreen series and GNS 430W/530W GPS/NAV/COMM navigators, GMX 200/MX 20, aera 795/796, Garmin Pilot, ForeFlight Mobile and compatible third-party displays.

Additionally, an optional altitude encoder is available and conveniently mounts to the transponder backplate for easy installation and service, precluding the need for a static leak check after removal of the transponder for maintenance.

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**G500/G600 PFD/MFD**

**ELECTRONIC FLIGHT DISPLAY**

Retro-fit glass is easily within your grasp with these affordable EFIS systems that combine Primary Flight Display (PFD) and Multi-Function Display (MFD) in two 6.5” diagonal (10” wide) flat panel LCD screens, giving you the benefits of enhanced situational awareness, safety, and reduction of pilot workload. The large VGA-quality (640 x 480 pixel) screens offer brilliant color and crisp readability-even in direct sunlight.

At a glance, the Garmin base map identifies cities, roads, rivers, lakes, and other ground features along your flight path. Or you can switch the map to an IFR enroute chart with the aircraft shown on the map. Added safety is provided by a built-in terrain database that uses color coding to alert you of rising terrain. Garmin SafeTaxi airport diagrams help you safely navigate over 850 U.S. airports as your exact location is highlighted on the field. Garmin FlightChart terminal and approach charts for U.S. airports come standard and optional JeppView approach plates can also be displayed.

ADS-B weather and traffic from GTX-345 Transponder or GDL-88 ADS-B System can be displayed on G500/G600, as well as GDL-69/69A SXM weather, StormScope, Garmin GTS Series Traffic Systems, and TAS Series Traffic.

G600 is for Class 3 aircraft (above 6000 lbs) and includes Synthetic Vision and GAD-43e Autopilot Interface, and G-500H or G-500H avionics and includes Synthetic Vision Technology plus helicopter specific database information and obstacle warning.

---

**OPTIONS:**

- P/N 010-00769-53 Jeppesen Chartview $1995
- P/N 010-00769-54 Synthetic Vision (G500) $4295
- P/N 010-00724-02 GAD-43 Autopilot Adapter $2595
- P/N 010-00882-01 GAD-43e Autopilot Adapter $4195
- P/N 010-00769-52 STEC 55X Altitude Preselect Unlock G500/G600 $2595
- P/N 010-00769-57 GWX-66/70 Radar Unlock Card (G500) $895
- P/N 010-00769-63 Third Party Radar Unlock Card G500/G600 $3449

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**P/N GTX-335**

ADS-B Out Transponder

From $4295 Installed

**P/N GTX-335R w/GPS**

ADS-B Out Transponder with GPS

From $5095 Installed

**P/N GTX-335R w/GPS**

ADS-B Out Transponder with GPS

From $4495 Installed

**P/N GTX-345**

ADS-B Out Transponder

From $4095 Installed

**P/N GTX-345R w/GPS**

ADS-B Out Transponder with GPS

From $7095 Installed

**P/N GTX-345R**

ADS-B Out Transponder

From $6195 Installed

**P/N GTX-345R w/GPS**

ADS-B Out Transponder with GPS

From $6495 Installed

**P/N GTX-345R w/GPS**

ADS-B Out Transponder with GPS

From $7295 Installed

**P/N 011-03080-00**

Garmin Altitude Encoder

$279

*PRICE INCLUDES GA-35 GPS ANTENNA*
The new GTR-225 Com and GNC-255A Nav/Com offer a variety of features never seen before in a stand-alone com radio. A unique internal database makes it easy to find all frequencies at any given airport or VOR just by looking up the location name or identifier, or easily find the nearest airport, ARTCC, FSS, and VOR. When installed with a compatible GPS source like the Garmin GTN or GNS series avionics, you can also view facility name and type when tuned to a valid station. The Com’s database technology also allows you to store and recall up to 20 of your most commonly used or recently used frequencies by an assigned name. All three units feature large “flip-flop” active/standby displays, standby frequency monitor, internal 2-place voice activated intercom, elapsed timer, and both units are available with either 10w or 16w transmitter. The GNC-255 series features an internal glideslope receiver to work well with the series of Garmin EFIS flight displays and Nav Indicators, and can integrate with most autopilots.

GTN-750 TOUCHSCREEN GPS/NAV/COM/MFD
GTN-650 TOUCHSCREEN GPS/NAV/COM

The GTN-750 and GTN-650 are fully integrated GPS/NAV/COMM solutions. The 6” tall GTN-750 and 2.6” tall GTN-650 feature intuitive touchscreen controls and clear HD style displays, giving you unprecedented access to high-resolution terrain mapping, graphical flight planning, geo-referenced charting, traffic display, satellite and ADS-B weather and much more. With the GTN’s revolutionary touchscreen interface, you’re rarely more than two taps away from all of the system’s primary functions. Quickly pan across the map screen simply by swiping your finger across the high-resolution TFT display. The GTN family make it easier than ever to get where you’re going. Graphical flight planning capabilities allow you to preview your entire route on the map screen and easily enter new waypoints or modify existing ones. The system even lets you load Victor and jet airways. Built-in Garmin U.S. FliteCharts™ or optional Jeppesen®-style geo-referenced ChartView™, provide you with approach plates and procedures, while Garmin SafeTaxi® lets you see geo-referenced runways, taxiways, FBOs and hangars. The GTN series feature an SBAS/WAAS-certified, 15-channel GPS receiver, enabling you to fly GPS-guided LPV glide path instrument approaches down to as low as 200 ft. A 200-channel VOR/ILS with localizer and glideslope, plus a fully certified, 2,280-channel VHF communications transmitter providing a standard 10 W (or optional 16 W) power output. The system is pilot-selectable to both 25 kHz and 8.33 kHz channel spacing.

P/N GTN-750 GPS/NAV/COM/MFD From $18,495 Installed
P/N GTN-650 GPS/NAV/COM/MFD From $13,495 Installed

OPTIONS:
• P/N GMA-35c Remote Audio Panel (GTN-750 only) From $3150 Installed
• P/N GTX-35R Remote Transponder From $4195 Installed
• P/N GI-106B VOR/LOC/GS/GPS CDI $2245

FLIGHTSTREAM BLUETOOTH WIRELESS GATEWAY

Part of the Garmin Connex™ family of flight connectivity solutions, the Flight Stream 110/210 is a small wireless gateway that is easily installed in your aircraft, enabling up to 2 compatible wireless devices to send information to and from your avionics system via Bluetooth. The Flight Stream 110 offers GPS, attitude, weather, and traffic streaming from the GDL 88 ADS-B and GDL 69 SiriusXM™ datalinks, while the Flight-Stream 210 adds the capability for flight plan syncing with the GTN and GNS series navigators as well as the ability to display attitude information using an on-board AHRS.

P/N 010-01194-01 FlightStream 110 From $1535 Installed
P/N 010-01194-41 FlightStream 210 From $1995 Installed

GNC-255A NAV/COM
GTR-225 COM
GTR-200 NON-TSO’d COM

The new GTR-225 Com and GNC-255A Nav/Com offer a variety of features never seen before in a stand-alone com radio. A unique internal database makes it easy to find all frequencies at any given airport or VOR just by looking up the location name or identifier, or easily find the nearest airport, ARTCC, FSS, and VOR. When installed with a compatible GPS source like the Garmin GTN or GNS series avionics, you can also view facility name and type when tuned to a valid station. The Com’s database technology also allows you to store and recall up to 20 of the your most commonly used or recently used frequencies by an assigned name. All three units feature large “flip-flop” active/standby displays, standby frequency monitor, internal 2-place voice activated intercom, elapsed timer, and both units are available with either 10w or 16w transmitter. The GNC-255 series features an internal glideslope receiver to work well with the series of Garmin EFIS flight displays and Nav Indicators, and can integrate with most autopilots. The GTR-200 is a non-TSO’d Com specially designed for experimental aircraft.

P/N GNC-255A TSO’d NAV/COM w/Glideslope $3895
P/N GNC-255B 16W TSO’d NAV/COM w/Glideslope $4795
P/N GTR-225 TSO’d COM $1795
P/N GTR-200 Non-TSO’d COM for Experimental Aircraft $1199
P/N GTR-225A Com 8.33 kHz $2695
P/N GTR-225B 16w Com 8.33 kHz $3495

GARMIN

GTN-750 TOUCHSCREEN GPS/NAV/COM/MFD
GTN-650 TOUCHSCREEN GPS/NAV/COM

The GTN-750 and GTN-650 are fully integrated GPS/NAV/COMM solutions. The 6” tall GTN-750 and 2.6” tall GTN-650 feature intuitive touchscreen controls and clear HD style displays, giving you unprecedented access to high-resolution terrain mapping, graphical flight planning, geo-referenced charting, traffic display, satellite and ADS-B weather and much more. With the GTN’s revolutionary touchscreen interface, you’re rarely more than two taps away from all of the system’s primary functions. Quickly pan across the map screen simply by swiping your finger across the high-resolution TFT display. The GTN family make it easier than ever to get where you’re going. Graphical flight planning capabilities allow you to preview your entire route on the map screen and easily enter new waypoints or modify existing ones. The system even lets you load Victor and jet airways. Built-in Garmin U.S. FliteCharts™ or optional Jeppesen®-style geo-referenced ChartView™, provide you with approach plates and procedures, while Garmin SafeTaxi® lets you see geo-referenced runways, taxiways, FBOs and hangars. The GTN series feature an SBAS/WAAS-certified, 15-channel GPS receiver, enabling you to fly GPS-guided LPV glide path instrument approaches down to as low as 200 ft. A 200-channel VOR/ILS with localizer and glideslope, plus a fully certified, 2,280-channel VHF communications transmitter providing a standard 10 W (or optional 16 W) power output. The system is pilot-selectable to both 25 kHz and 8.33 kHz channel spacing.
GARMIN AUDIO PANELS

The Garmin family of innovative audio panels offers the latest in digital features to improve communications between flight crews, passengers, and ground controllers. All of the GMA Audio Panels feature convenient LED button controls for audio selections, as well as split COM capabilities for pilot and co-pilot. The internal 6-place stereo intercom has manual squelch controls and two music inputs as well as inputs for telephone, altitude alerts and other warning tones.

The GMA-350 is a digital audio panel with marker beacon and industry-first features like voice recognition and 3-D audio processing. With built-in Telligence Voice Command, you can operate the GMA-350 without taking your hands off the controls. To switch between COMs, just press a button and say “Mic 1” or “Mic 2.”

| P/N GMA-340 | Audio Panel w/Marker | $1295 |
| P/N GMA-350 | Digital Audio Panel | From $4525 Installed |
| P/N GMA-35 | Remote Digital Audio Panel | From $4995 Installed |
| P/N GMA-350C | Digital Audio Panel w/Bluetooth | From $4695 Installed |
| P/N GMA-35C | Remote Digital Audio Panel w/Bluetooth | From $5195 Installed |

GTX-327 MODE C TRANSPONDER

The GTX-327 transponder features a large, easy to see digital liquid crystal display, and a solid state 200 watt transmitter with very low power consumption. Features include easy keypad push-button code entry, “VFR” button, pressure Altitude display and elapsed time display. The GTX-32 is a remote mount version that connects to a GTN-650/750 for operation through those displays.

| P/N GTX-327 | Mode C Transponder | $1795 |
| P/N GTX-32 | Remote Mount Mode C Transponder | From $4295 Installed |

GDL-84/88 ADS-B SYSTEMS

The GDL 88 is a dual-band ADS-B solution for certified aircraft that meets all requirements for the upcoming ADS-B “out” mandate. GDL-88 also brings subscription free ADS-B weather and traffic “in” to display on the Garmin GTN and GNS navigators and G500/G600 EFIS. The GDL-84 features built-in WAAS GPS and FlightStream capabilities for wi-fi to portable devices.

| P/N 010-00795-40 | GDL-84 w/ Flight Stream 210 | From $6395 Installed |
| P/N 010-00859-30 | Standard GDL-88 | From $6395 Installed |
| P/N 010-00861-30 | GDL-88 Diversity | From $6895 Installed |
| P/N 010-00860-30 | GDL-88 w/ WAAS GPS | From $7395 Installed |
| P/N 010-00862-30 | GDL-88 w/ WAAS/Diversity | From $7895 Installed |

GTS TRAFFIC ADVISORY SYSTEMS

Garmin provides a series of active traffic systems that can incorporate ADS-B technology, which is one of the cornerstones of the FAA’s NextGen program. The GTS series provide a 360 degree zone of protection around the aircraft, tracking up to 60 targets and displaying up to 30 on all of Garmin’s series of navigators and MFDs.

| P/N GTS-800 | TAS Traffic System | From $14,095 Installed |
| P/N GTS-820 | TAS Traffic System | From $23,395 Installed |
| P/N GTS-850 | TCAS-1 System | From $31,495 Installed |

GRA-55 RADAR ALTIMETER

With it’s all digital design, the GRA-55 represents the latest and most accurate radar altimeter system available, and it can serve as an integral part of a Class A TASWS, TCAS II, or CAT II ILS solution. The all-digital design provides smooth, consistent readout and the GRA-55 meets all requirements for the upcoming Helicopter Radar Altimeter mandate.

| P/N GRA-5500 | Radar Altimeter System | From $21,495 Installed |
| P/N GRA-55 | Radar Altimeter System (GA Version) | From $16,595 Installed |

GI 260 ANGLE OF ATTACK

Your angle of attack (AOA) is a valuable tool in knowing when a stall might occur. When the angle between the aircraft’s wing and the oncoming airflow becomes too great, there won’t be enough lift to sustain in flight. The GI 260 AOA indicator receives AOA input from a GSU 25 air data computer connected to a GAP 26 probe, making valuable AOA information easy to understand with one glance. GI 260 is approved for installation on certified aircraft.

| P/N K10-00202-00 | AOA System 14/28V Unheated Pitot | $1499 |
| P/N K10-00202-10 | AOA System 14V Heated Pitot | $1649 |
| P/N K10-00202-20 | AOA System 28V Heated Pitot | $1649 |

GWX-70 DIGITAL COLOR RADAR

Bringing full-color storm cell tracking to your compatible Garmin MFD, this Doppler-capable weather system combines excellent range and adjustable scanning profiles, with precision target definition for accurate cockpit weather analysis. With pilot-adjustable horizontal scan angles of up to 120°, you can easily focus scanning in the areas you want to watch, while vertical scanning lets you focus on storm tops and build-ups.

| P/N GWX-70 | Digital Color Radar | From $22,895 Installed |
If You’re Talking Panel Upgrades, Talk To Pacific Coast Avionics!

Pacific Coast Avionics has a widely recognized and well-deserved reputation as an Avionics Installation Center. Our experience covers a wide range of fixed and rotary wing aircraft from antiques and classics to personal aircraft, warbirds, and corporate jets. If you have requirements from individual instrument replacements up to full panel re-design and upgrade, you can rely on the proven expertise at Pacific Coast Avionics. We deliver a unique combination of price, quality, experience, and craftsmanship.

Regardless of what you fly, and regardless of the level of panel upgrade you require, Pacific Coast Avionics is your one-stop shop for design, fabrication, product selection, and installation. We use only Mil Spec quality wire, connectors, tools, and specialized equipment to ensure that all installations meet FAA approval guidelines and manufacturer’s instructions.

When you have questions about avionics upgrades or panel refurbishment, call the experts at Pacific Coast Avionics.

• GENERAL AVIATION PANELS •

Mooney

Before

• CABIN CLASS PANELS •

Beech Duke

Before

• CORPORATE AIRCRAFT PANELS •

Cheyenne

Before

FAA APPROVED REPAIR STATION NO. OXPR455L, Class 1, 2, & 3 Limited Airframe & Instrument.
AS P E N  A V I O N I C S


The Evolution Flight Display System brings technology and capability — formerly available only in the latest aircraft or at enormous expense — to your aircraft, with little more down-time and cost than overhauling your antiquated mechanical gyro. The Evolution Flight Display system, based on the latest digital electronics and LCD technologies, allows you to quickly and easily upgrade the vertical pairs of instruments in your six-pack; from one to three pairs, all at once or one at a time, as your needs and budget require. Not only is the system designed to work with whatever is currently in your panel — extending the life of your existing avionics, the Evolution system evolves with you via future software upgrades, maximizing your investment.

With the optional Connected Pilot, you can integrate an Aspen dual or three screen flight display system to an iPhone or iPad, and seamlessly synchronizes aviation application data with the certified avionics installed in an aircraft’s panel. Connected Pilot is able to receive data, such as own ship position, from almost any panel-mounted GPS navigator, plus enter and synchronize flight plans between Garmin GNS and GTN series navigators and Connected Panel Enabled™ flight planning apps.

EFD1000 PRO

The EFD1000 Pro PFD gives you all the major tools that help professional pilots fly safely and easily in instrument conditions, at a fraction of the price. The Pro features integral ADAHRS, HSI, backup battery, emergency GPS, altitude alerter, GPS roll steering plus, a whole lot more. The built-in air data computer shows you wind speed and direction at all times, with an arrow to help you visualize the winds aloft. And knowing your indicated airspeed, altitude and outside air temperature, the air data computer (ADC) constantly displays your true airspeed. Optional weather and traffic interface is also available. Add the optional Enhanced Synthetic Vision for the ultimate in situational awareness.

EFD500 MFD

EFD1000 MFD

The EFD500/1000 MFD are designed to enhance your choice of Evolution Primary Flight Display, adding moving maps, ADS-B or datalink weather and traffic interfaces, a built-in terrain awareness database, flight information pages and more. Built using the same hardware as the PFD, the EFD1000 MFD gives you a full duplicate set of ADAHRS sensors, works with the PFD to continually monitor its health, and can automatically become a backup PFD if your primary should fail. The EFD500 has all the features of the EFD1000, but has no ADAHRS.

ATX100 TRANSCEIVER

The ATX100 is ideal for aircraft with a Mode C transponder operating below 18,000ft. ATX100 complies with the coming ADS-B mandate for ADS-B Out, and is available with optional WAAS GPS.

ATX200 DUAL-BAND IN 978 Mhz OUT ADS-B TRANSCEIVER

The ATX200 is ideal for aircraft with a Mode S transponder operating above 18,000ft. ATX200 receives both 1090MHz and 978MHz and complies with the coming ADS-B mandate for ADS-B Out. ATX200 is available with optional WAAS GPS.

CG100 WIRELESS GATEWAY

The Connected Pilot CG100 Connected Gateway hardware provides secure two-way wireless communications between your certified panel avionics and smart devices like the Apple iPad. In the future, the CG100 will also enable Evolution glass panels to display subscription-free ADS-B weather from portable receivers.

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AVIDYNE

AVIDYNE TRAFFIC SERIES

TAS600A Series Traffic Advisory Systems

Avidyne’s dual-antenna TAS600A, TAS605A, TAS615A and TAS620A Traffic Advisory Systems surpass the performance capabilities of many higher-cost traffic systems and set a new standard for active-surveillance traffic capability and affordability. Dual-antenna TAS600A Systems detect other aircraft sooner and more accurately, so you avoid surprises due to the shadowing effects inherent with single-antenna systems. Using top and bottom directional antennas, TAS600A systems actively interrogate other aircraft, providing timely audible and visual alerts with the precise location of conflicting traffic.

P/N TAS600A - TAS600A features a 7nm Range, ±3,500 Vertical Range, and an 18,500ft Altitude Limit
From $11,895 Installed

P/N TAS605A - TAS605A features a 13nm Range, ±3,500 Vertical Range, and an 55,000ft Altitude Limit
From $13,395 Installed

P/N TAS615A - TAS615A features a 17nm Range, ±3,500 Vertical Range, and an 55,000ft Altitude Limit
From $19,995 Installed

P/N TAS620A - TAS620A features a 21nm Range, ±9,900 Vertical Range, and an 55,000ft Altitude Limit
From $24,795 Installed

AMX240 AUDIO PANEL

The AMX240 is a full-featured audio panel with built-in six-place stereo intercom and marker beacon receiver that provides outstanding sound quality. AMX240 has large, easy-to-read LED backlit buttons providing easy mode selection and announcement of current audio/intercom configuration, plus Bluetooth music and cell phone inputs. A dedicated Replay button provides a “say again” function that repeats ATC communications.

P/N AMX240 - Audio Panel $1950

IFD540 NAV/COM/GPS

IFD440 NAV/COM/GPS

The new IFD series of Avidyne navigators feature a super-bright, hi-resolution touchscreen display that can be direct slide-in replacements for the popular GNS-530 and GNS-430 radios. The IFD touchscreen makes flight planning, frequency tuning, and even the most complex tasks easy. The IFD’s will decode active/standby frequencies based on proximity, while displaying station names in plain English, and the powerful FMS automatically identifies and autotunes radio frequencies. The hi-resolution VFR map display provides terrain awareness or you can select IFR enroute maps. On the larger IFD540, the optional C-MAX can display geo-referenced Jeppesen approach charts. ADS-B weather and traffic from the MLB100 ADS-B receiver can also be displayed.

P/N IFD540 - Nav/Com/GPS (GNS-530 Replacement) $14,595
P/N IFD440 - Nav/Com/GPS (GNS-430 Replacement) $13,195

AXP340 MODE S TRANSPONDER

The AXP340 is a panel-mounted Class 1 Mode S Transponder with support for 1090MHz Extended Squitter (ES), meeting the requirements for the ADS-B Out mandate. As a slide-in replacement for legacy KT-76A/78A transponders, the AXP340 will easily upgrade those Mode C transponders to Mode S, while adding additional functionality like direct-entry numeric keypad, pressure altitude display, flight ID entry, stop-watch timer, flight timer, altitude alert and one-touch VFR code entry.

P/N AXP340 - Mode S Transponder $3595

MLB100

Using the 978MHz datalink frequency band, which is one of two channels available to pilots in the United States airspace for ADS-B weather. The MLB100 will also receive traffic information* directly from nearby 978MHz-equipped aircraft, and indirectly through the rebroadcast of 1090MHz-equipped aircraft via 978MHz ADS-R. The MLX200 Transceiver provides the same ADS-B IN benefits of MLB100, plus it is certified as a compliant ADS-B OUT solution for IFD440/540 GPS users in aircraft flying below 18,000 feet in the U.S. The MLX210 Transceiver provides ADS-B IN & OUT, same as the MLX200, except it also has an internal compliant GPS for use in aircraft with an Avidyne EX500, EX600, or EX5000 series Multi-Function Displays and without an IFD440/540 GPS.

P/N MLB100 - ADS-B Receiver $1995
P/N MLX200 - ADS-B Transceiver $2995
P/N MLX210 - ADS-B Transceiver w/GPS $4295

EX600 MULTI-FUNCTION DISPLAY

The EX600 Multi-Function Display is the only MFD that is a replacement for up to 20 different legacy weather radar displays. So in addition to being a full-function MFD with VFR/IFR moving maps and approach charts, the EX600 can also provide a complete weather picture—all seamlessly integrated with your flight plan moving map. The TAS Traffic systems and MLB100 ADS-B receiver can also be integrated for a complete weather and traffic picture.

P/N 850-00208-101 - MultiLink-Enabled Multi-Function Display From $9995 Installed
P/N 850-00208-105 - MFD with RDR2000/2100 or RDS-81/82VP/84/84VP/86/86VP Interface From $14,595 Installed
P/N 850-00208-104 - MFD with Bendix/King RDR-130/150/160 Interface From $14,595 Installed
P/N 850-00208-102 - MFD with WXR-250/270-300 or RDR-1100-1400 Interface From $16,995 Installed

BEST PRICING & BEST SERVICE SINCE 1991 • SHOP ONLINE WWW.PCA.AERO
KSN-770 IFR GPS NAVIGATOR
Welcome to the next-generation, WAAS-Enabled, Integrated Safety Navigator. The KSN 770 combines GPS navigation, Nav/Com, terrain mapping, charting and safety sensor displays. It will also display XM DataLink Weather, radar-based weather, traffic and terrain. The combination of hard buttons, cursor control and touchscreen. The KSN 770’s hybrid interface is the perfect blend of touch screen and hard buttons. Easily control your GPS navigation, NAV/COMM, weather, traffic and terrain in any condition, and navigate IFR with confidence.

The KSN 770 features Wide Area Augmentation System (WAAS) and Localizer Performance with Vertical Guidance (LPV). Using various compatible external sensors, it is also capable of displaying a full complement of safety systems including: On-board weather radar, Enhanced Ground Proximity Warning System (EGPWS), XM DataLink Weather, Terrain awareness and warning System (TAWS) and Traffic Collision Avoidance System (TCAS). And split-screen capabilities. Never before have so many features been designed into an MFD that will bring value to the pilot in terms of safety and ease of use.

P/N KSN-770 IFR GPS Navigator From $16,595 Installed

KMA 30 AUDIO PANEL
The KMA 30 is a convenient replacement for select older audio panels. The music and phone Bluetooth® capability provides unsurpassed audio flexibility throughout your airplane, and the 30-second digital recorder lets you play back any communications you might have missed. Connect phone and audio devices and switch between them effortlessly. The KMA 30 makes it simple for the pilot to control audio throughout the aircraft. Control the volume and distribution of two music sources, radio communications and telephone right from the control panel. You can even turn music on or off for the pilot while in isolate mode, and with its wireless mobile phone link, the KMA 30 delivers full, duplex telephone capability.

P/N KMA-340 Audio Panel w/Bluetooth $1995

KT-74 MODE S TRANSPONDER
The KT-74 features plug-and-play compatibility with the KT-76A/C and KT-78A model transponders, providing the easiest way to meet the 2020 ADS-B compliance date (when coupled to an appropriate GPS source). Matched to the style of new generation of Bendix/King avionics, the KT-74 offers an intuitive user interface. Pilots can simply enter the assigned squawk code into the unit with the push of four buttons, while VFR and emergency squawk codes can be directly entered with the push of one button. Flight ID is also supported.

P/N KT-74 Mode S Transponder $2695

KI 300 ATTITUDE INDICATOR
The new solid state KI-300 is designed as a replacement for the legacy KI-256 Flight Director and KI-258 attitude indicators, eliminating the need for costly overhauls. KI-300 is a sole-source 3-axis attitude reference and will work with KAP100/150/200 autopilots as well as the KFC150/200/225/250 series of autopilots. KI-300 operates on 11-33V and has a back-up battery to keep the unit working for up to one hour in the event of power loss.

P/N KI 300P Primary Attitude Indicator $4595
P/N KI 300R KI-256/258 Replacement $5195

KGX 130/150 978MHz ADS-B SYSTEMS
The KGX series of 978 MHz UAT transceivers and receivers offer an ADS-B OUT certified solution for aircraft operating below 18,000 feet. The KGX-130 is designed to integrate with a compatible WAAS GPS already on-board the aircraft, while the KGX-150 has a built-in certified WAAS GPS. Both systems are available as an ADS-B “Out” only, or as a complete “Out and In” system. The weather and traffic “In” can be wirelessly connected to a compatible portable device, or interface to a KSN-770 or other panel mounted MFD.

KGX-130/150 Key Features:
• ADS-B IN* and ADS-B OUT capability
• KGX 150 includes a high integrity WAAS GPS
• Can be paired with existing Mode A/C transponders
• Receive TIS-B and FIS-B uplinks** for traffic, graphical weather and other data
• Display on compatible panel*** MFD or iPad via Wi-Fi module
• Compliant with FAA 2020 UAT mandate.

P/N KGX 130 ADS-B Transceiver $2450
P/N KGX 150 ADS-B Transceiver w/Built-in GPS $3295

KLR 10 LIFT RESERVE INDICATOR
The KLR 10 improves operational safety by increasing pilot awareness of remaining lift during phases of flight with high angles of attack such as takeoff, approach and landing, which account for the majority of preventable loss-of-control accidents. While indicated stall speed will vary with aircraft weight, angle of bank, density altitude and other factors, the AOA at which the aircraft will stall in a specific configuration remains constant. AOA has been used by the military and commercial carriers for decades as the most reliable indicator of aircraft lift remaining.

P/N KLR 10 Lift Reserve Indicator Starting at $1495

ART-2000/2100 DIGITAL WEATHER RADAR
Honeywell’s Digital Weather Radar can couple with the Bendix/King KSN770, Avidyne EX-600, and Garmin G500/G600 EFIS and GTN750 navigator systems offering you a clear depiction of not only weather, but also allows the overlay of your flight plan, traffic and even lightning data. Weight: 0 lbs.

P/N ART-2000 Digital Weather Radar System $16,895
P/N ART-2100 Digital Weather Radar System (320mm) $31,495

CALL US FOR MORE BENDIX/KING AVIONICS

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The ESI-500 is the newest generation of electronic flight display that is designed for Part 23 airplanes and Part 27 helicopters. The ESI-500 fits in a three-inch round case, so it can be installed in a standard instrument cutout. The optional internal L-3 database powers a synthetic vision display with terrain alerting and obstacles. The high-resolution ESI-500 includes altitude, attitude, slip/skid and vertical speed, and an ARINC 429 interface accepts navigation data to drive vertical and horizontal nav indicators. Metric altitude and altimeter settings can be selected by the pilot. An optional magnetometer is available for magnetic heading display. During installation, the ESI-500’s airspeed tape can be programmed for Vne and Vmo airspeed limitations. Battery life of the unit’s lithium-ion battery is guaranteed for one hour, but can last up to three hours.

P/N 9200-15000-0101
Electronic Flight Display
From $5395 Installed

P/N 0035-15001-01
Synthetic Vision/Topography
$1175

P/N 9200-15500-0101
Magnetometer (Adds Magnetic Heading)
$1395

P/N 0035-15002-01
Navigation Software
$ 995

NGT-1000/NGT-2000/NGT-2500

The NGT-1000 and NGT-2000 are 978 MHz ADS-N transmitters designed as a single box solution for aircraft operating below 18,000 feet. Like all Lynx systems, each model features an internal rule-compliant WAAS/GPS and when coupled with a popular Mode C or S transponder (GTX 327 or GTX 330)*, the NGT-1000, 2000 and 2500 models are some of the most straightforward and inexpensive options for ADS-B integration. The NGT-1000 is an ADS-B transmitter only, the NGT-2000 adds a 978 MHz ADS-B receiver that provides weather and traffic to a portable device via wi-fi, and NGT-2500 provide interface to a compatible MFD for weather and traffic display.

P/N NGT-1000
Remote ADS-B Transmitter
From $4995 Installed

P/N NGT-2000
Remote ADS-B Transmitter
From $6995 Installed

P/N NGT-2500
Remote ADS-B Transmitter for MFD’s
From $7195 Installed

ESI-500 STANDBY EFIS

The ESI-500 is the newest generation of electronic flight display that is designed for Part 23 airplanes and Part 27 helicopters. The ESI-500 fits in a three-inch round case, so it can be installed in a standard instrument cutout. The optional internal L-3 database powers a synthetic vision display with terrain alerting and obstacles. The high-resolution ESI-500 includes altitude, attitude, slip/skid and vertical speed, and an ARINC 429 interface accepts navigation data to drive vertical and horizontal nav indicators. Metric altitude and altimeter settings can be selected by the pilot. An optional magnetometer is available for magnetic heading display. During installation, the ESI-500’s airspeed tape can be programmed for Vne and Vmo airspeed limitations. Battery life of the unit’s lithium-ion battery is guaranteed for one hour, but can last up to three hours.

P/N 9200-15000-0101
Electronic Flight Display
From $5395 Installed

P/N 0035-15001-01
Synthetic Vision/Topography
$1175

P/N 9200-15500-0101
Magnetometer (Adds Magnetic Heading)
$1395

P/N 0035-15002-01
Navigation Software
$ 995

FREEFLIGHT ADS-B & RADAR ALTIMETERS

FREEFLIGHT ADS-B

FreeFlight Systems TSO’d RANGR family of ADS-B products are among the most affordable and flexible ADS-B solutions for both fixed wing aircraft and helicopters. The RANGR series is design for aircraft operating below 18,000 feet and are available as a very basic “compliance only” product, or as a complete ADS-B “Out and In” system with integration to panel mount multi-function displays, including wi-fi to various portable devices.

With over 50 years’ experience in the development, production, fielding, and support of certified Radar Altimeters, FreeFlight products are robust, reliable, and meet the upcoming FAA helicopter radar altimeter mandate for applications and terrains worldwide.

P/N FDL-978-RX
RANGR ADS-B Receiver
$1695

P/N FDL-978-RX/GPS
RANGR ADS-B Receiver w/GPS
$2595

P/N FDL-978-TXL
RANGR Lite Transmitter w/GPS
$1995

P/N FDL-978-XVRL
RANGR Lite Transceiver w/GPS (Wi-Fi)
$3195

P/N FDL-978-XVR
RANGR Blue Transceiver
$3095

P/N FDL-978-XVR/GPS
RANGR Blue Transceiver w/GPS
$3895

P/N RA-4000/RAD-40
Radar Altimeter System
$9095

P/N RA-4500
Radar Altimeter for EFIS Displays
$7590
SAFETY FLIGHT SCC

Safe Flight built on its nearly 70 years of experience in providing aircraft manufacturers primary stall warning and AOA utilizing our patented wing lift sensor technology. The SCC system is comprised of a Lift Transducer mounted on the leading edge of the wing and an Indexer Computer that provides a heads-up display of AOA. The SCC system delivers precise AOA information to help achieve consistent takeoff, climb, cruise, and landing approach performance through an innovative visual display and audio output. The SCC Lift Transducer precisely measures the wing’s leading edge stagnation point and airflow. This makes the AOA indication of margin above stall accurate regardless of aircraft weight, wing loading, gear configuration, air density, and slip conditions. The Indexer Computer is an AOA indicator that uses LED’s in the display, making it easy to read in all lighting conditions and features a pilot adjustable Reference Marker for setting AOA targets.

P/N SAFE FLIGHT SCC  Angle of Attack System  $1795
**SYSTEM 20**
**SYSTEM 30 (ALTITUDE HOLD)**
The System 20 single axis and System 30 two axis autopilots incorporate the programmer, computer, mode annunciator and turn command knob all in the turn coordinator – no other panel space is needed! Both systems provide roll stabilization, turn command, heading pre-select when interface to a heading DG or HSI, and will track VOR, GPS, and localizer. The System 30 adds the altitude hold function.

- **P/N SYSTEM 20**
  - From $9,995 Installed
- **P/N SYSTEM 30 (Altitude Hold Only)**
  - From $8,995 Installed
- **P/N SYSTEM 30ALT**
  - From $15,850 Installed

**SYSTEM 50 (ALTITUDE HOLD)**
The System 50 is a two axis autopilot that includes a separate programmer and turn coordinator. In addition to roll and pitch controls, System 50 features include trim prompting, VOR/LOC and back course intercept and tracking, GPS tracking and heading pre-select when using heading source from HSI, DG or EFIS system.

- **P/N SYSTEM 40**
  - From $9,995 Installed
- **P/N SYSTEM 50**
  - From $16,190 Installed
- **ST-901 GPSS (Specify 14V or 28V)**
  - Interfaces with GPS and autopilot systems to fly a complete, pre-programmed flight plan – hands off! As legs are anticipated, the GPS calculates the exact turn rate initiation point to fly the center line from one leg to another based on aircraft ground speed.

- **P/N ST-901**
  - From $2995 Installed
- **P/N PSS**
  - Fits standard 3ATI hole

**SYSTEM 55X**
The System 55X incorporates the GPS roll steering and tracking with glideslope capture and track, VOR/Localizer/Back Course intercept and tracking, and vertical speed commands. The System 55X Computer/Programmer has an LCD digital display and is designed for mounting in the standard avionics stack. Options include heading pre-select, auto-trim, altitude pre-select, remote annunciator and flight director.

- **P/N SYSTEM 55X**
  - From $20,390 Installed
- **P/N ST-360**
  - Altitude Selector/Alerter
  - From $5,090 Installed
- **P/N AUTO TRIM**
  - Automatic Trim
  - From $5,695 Installed

**SYSTEM 60-2**
The System 60-2 is a two axis roll and pitch autopilot that features a separate turn coordinator, programmer, and roll and pitch computers. The System 60-2 intercepts and tracks VOR/localizer/back course and glideslope, tracks GPS, and has vertical speed commands for climb and descent control. Heading pre-select is optional by adding a heading DG or HSI and other options include Flight Director, auto-trim, and altitude preselect.

- **P/N SYSTEM 60-2**
  - From $21,850 Installed
- **P/N ST-360**
  - Altitude Selector/Alerter
  - From $5,090 Installed
- **P/N 60-PSS**
  - Pitch Stabilization System
  - Fits standard 3ATI hole
  - From $12,095 Installed

**PITCH STABILIZATION SYSTEM**
The System PSS is a stand-alone pitch control providing altitude hold, vertical speed commands, and glideslope capture and track. PSS can be installed as a complement to any type of single axis autopilot.

- **P/N 60-PSS**
  - Pitch Stabilization System
  - From $12,095 Installed

**CENTURY 2000 AUTOPILOT SYSTEM**
Functions can be added as desired to the expandable Century 2000. The capture, track, softride, and gust alleviation of this system are unparalleled! The pitch axis comes complete with altitude hold, glideslope grabber circuit, capability for altitude preselect, automatic and manual electric trim, all certified to the safest standards so that test outcrops are not required. Flight director or yaw damper expansions may be easily added to the Century 2000. Options: The NSD slaved or non-slaved HSI system or other compatible HSIs may be substituted for the Directional Gyro. Altitude Preselect available. 52D267M Horizon, 52D254M Directional Gyro and HSI system or other compatible HSIs may be substituted for the Directional Gyro. 52D267M Horizon, 52D254M Directional Gyro and HSI system or other compatible HSIs may be substituted for the Directional Gyro. The NSD slaved or non-slaved HSI system or other compatible HSIs may be substituted for the Directional Gyro.

- **P/N CENTURY 2000**
  - Autopilot System
  - From $13,895
- **P/N CENTURY 2000/NSD-360A-15**
  - Non-Slaved HSI
  - From $22,995
- **P/N AUTOTRIM**
  - Automatic Trim
  - From $5,695
- **P/N CENTURY 2000/NSD-360A-26**
  - w/ Slaved HSI
  - From $25,495

**CENTURY TRIDEN**
The Triden autopilot provides superior performance and reliability by using state-of-the-art SMT digital electronics. Triden uses both rate and position data to efficiently control the aircraft and the swivel, smooth response will take you through rough air without a hitch. The Triden controller mounts in a 3ATI hole and features a sunlight readable LCD display, adjustable display contrast, trim prompting, heading select/hold, and control wheel steering.

- **P/N TRIDEN**
  - From $15,695 Installed

**CENTURY C4000**
The best designed autopilot built today. The capture, track, soft-ride, and gust alleviation of this system are unparalleled! Standard lateral axis features include Heading Hold, NAV intercept and track, fully coupled ILS approaches, localizer back course, VOR approach outbound intercept and track, lateral navigation steering and sequencing including en-route, terminal and approach segments with compatible GPS receivers providing ARINC 429 steering commands.

- **P/N CENTURY C4000**
  - From $22,390 Installed

---

**CENTURY FLIGHT SYSTEMS**

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**GENESYS AEROSYSTEMS**

---

**CENTURY 2000 AUTOPILOT SYSTEM**

---

**CENTURY TRIDEN**

---

**CENTURY C4000**

---

**BEST PRICING & BEST SERVICE SINCE 1991 • SHOP ONLINE WWW.PCA.AERO**
### PMA450
**AUDIO PANEL w/ BUILT-IN INTERCOM**

The new PMA450 features a new invention-IntelliAudio which places COM 1 and COM 2 audio in various positions within a stereo headset, making simultaneous radio signals sound as if they are coming from different locations. Access and programming of the advanced capabilities is all easily done through just three soft keys and graphic display. PMA450 also includes IntelliVox auto-squelch, stereo audio, and multiple entertainment inputs, as well as multiple Bluetooth interfaces and a built-in USB charging port. New PDA360EX is non-TSO version of this audio system and is designed for experimental aircraft.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N PMA450</td>
<td>Audio Panel w/o Marker Receiver</td>
<td>$1995</td>
</tr>
<tr>
<td>P/N PMA450</td>
<td>Audio Panel w/Marker Receiver</td>
<td>$2995</td>
</tr>
<tr>
<td>P/N PDA360EX</td>
<td>Non-TSO Version for Experimentals</td>
<td>$1795</td>
</tr>
</tbody>
</table>

### PMA8000B SERIES
**AUDIO SELECTOR PANEL**

The PMA8000 Series provides an audio panel solution for just about every application. All PMA8000s come with 3-year Pro-Support Warranty, unprecedented audio quality, automatic VOX, 2 hi-fi stereo music inputs, cell phone interface, and four unswitched inputs.

The PMA8000B and the PMA8000MP3 have a unique front panel mini-jack. Pilots will have an easy way to connect a cell phone, portable music device or an audio alerting device, directly into the audio panel. Both the PMA8000B and PMA8000MP3 are Plug and Play with the Garmin GMA340. Both have a digital aircraft recorder while aircraft radio mutes the entertainment device. When intercom or radio becomes active, the music will automatically become muted, and when COM activity is done, the “soft mute” will gradually return the music level to the original volume.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N PMA8000B</td>
<td>Audio Panel</td>
<td>$1595</td>
</tr>
<tr>
<td>P/N PMA8000Bti</td>
<td>(With IntelliAudio and BlueTooth)</td>
<td>$1795</td>
</tr>
<tr>
<td>P/N PMA8000C</td>
<td>(Adds 3 COM Capability)</td>
<td>$1895</td>
</tr>
</tbody>
</table>

### PM1000II
**HIGH PERFORMANCE INTERCOM**

The next generation panel mount intercom based upon the popular PM1000TSO unit. Not only does the PM1000II have all of the rigid design requirements that are demanded in TSO C50-c, but it also has new capabilities that assure it to be recognized as the best value in panel mount intercoms. Aircraft radio mutes the entertainment device. When purchased with the built-in CREW function an additional squelch circuit for the pilot, co-pilot, and passengers 1 & 2. The PM1000II w/ PTT & VOX works well in open cockpit aircraft.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 11922</td>
<td>PM1000II w/ Pilot Isolate</td>
<td>$309.95</td>
</tr>
<tr>
<td>P/N 11920</td>
<td>PM1000II w/ Crew Function</td>
<td>$449.95</td>
</tr>
<tr>
<td>P/N 11906</td>
<td>PM1000II w/ One Minute Digital Recorder</td>
<td>$429.95</td>
</tr>
<tr>
<td>P/N 11908</td>
<td>PM1000II w/ Crew &amp; DCR</td>
<td>$459.95</td>
</tr>
<tr>
<td>P/N 11960</td>
<td>PM1200 High Noise Intercom</td>
<td>$429.95</td>
</tr>
<tr>
<td>P/N 11616</td>
<td>Expansion Unit for PM1000II</td>
<td>$399.95</td>
</tr>
</tbody>
</table>

### PM3000
**PANEL MOUNTED STEREO INTERCOM**

The PM3000 is an FAA TSO approved stereo intercom. The 4-place version has 1 music input and ISO/ALL modes, 2 unswitched audio inputs and a dimmable LED. The 6-place unit has ISO/ALL/CREW modes and 2 music inputs. While in crew mode, two music sources can be played simultaneously. When the intercom or radio becomes active, the music will automatically mute, and when COM activity is done, the “soft mute” will gradually return the music level to the original volume.

- Input current requirement < 100mA
- Music input 3 db audio freq. resp.: 350Hz-6000Hz

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>P/N 11931A</td>
<td>4-Place</td>
<td>$419.99</td>
</tr>
<tr>
<td>P/N 11932</td>
<td>6-Place w/Crew</td>
<td>$549.95</td>
</tr>
<tr>
<td>P/N 575-030-0005</td>
<td>2.25” Round Mount Option</td>
<td>$17.95</td>
</tr>
</tbody>
</table>

### OTHER PRODUCTS

**PMA6000B
AUDIO PANEL w/ BUILT-IN INTERCOM**

The revamped PMA6000B audio panel includes a 4-place mono intercom, and now sports the same look and tactile push buttons as the PMA8000 series. Radio selection, cockpit communications, and even music have been seamlessly combined in this modern audio control panel. Pilot and crew/passenger isolate functions are an integral part of the design, and the soft mute feature subtly reduces music volume during conversation or communication.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N PMA6000B</td>
<td>Audio Panel</td>
<td>$995</td>
</tr>
<tr>
<td>P/N PMA6000B-OPT1</td>
<td>Audio Panel w/o Marker</td>
<td>$876</td>
</tr>
</tbody>
</table>

**PMA7000B
AUDIO PANEL w/ BUILT-IN INTERCOM**

The PMA7000B features LED lit push button audio selection and a 6-place stereo intercom with IntelliVox auto-squelch. Two separate entertainments inputs allows pilot and passengers to listen to their own music preferences, and the split-com mode allows the pilot and co-pilot to communicate in separate com radios simultaneously.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N PMA7000B</td>
<td>6-Place Stereo Intercom w/ Marker Beacon Receiver</td>
<td>$1395</td>
</tr>
</tbody>
</table>

**PAR200A TSO’d AUDIO PANEL/COM RADIO**

The PAR200A has it all. Starting off with a full featured audio selector panel, it also has 4-place stereo IntelliVox intercom with Bluetooth interconnectivity, a 10 Watt Speaker Amplifier, and last but not least, the PAR200A is your control panel that accesses a very capable 760 channel VHF aviation radio.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N PAR200A</td>
<td>Audio Panel/COM Radio/Stere Intercom</td>
<td>$2595</td>
</tr>
<tr>
<td>P/N PAR100EX</td>
<td>non TSO Audio Panel/COM/Intercom</td>
<td>$2295</td>
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</tbody>
</table>

**PRE-FAB HARNESS OPTIONS:**

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Pl Intercom Harness</td>
<td>$195</td>
</tr>
<tr>
<td>4-Pl Intercom Harness</td>
<td>$275</td>
</tr>
<tr>
<td>2-Pl Audio Panel/Intercom Harness</td>
<td>$390</td>
</tr>
<tr>
<td>4-Pl Audio Panel/Intercom Harness</td>
<td>$490</td>
</tr>
</tbody>
</table>
Replace your transponder today and start enjoying the benefits and peace of mind that Lynx provides. L-3’s Lynx® NGT-9000 is an ADS-B In/Out transponder that’s also a touchscreen display for traffic, weather, airport data and restricted airspace. Lynx is a single-box ADS-B compliant solution with an embedded GPS-WAAS, eliminating the complexity and cost of multiple components.

- Mode S Extended Squitter touchscreen transponder for 14 V and 28 V platforms
- ADS-B weather display with NEXRAD, METARs and Winds & Temps Aloft data
- Moving maps display, including airports, restricted airspace (TFRs) and NOTAMs
- 1090ES ADS-B Out plus 1090 and 978 ADS-B In for unrestricted flight coverage
- Common data transfer protocols for other cockpit displays and Wi-Fi tablets
- ADS-B traffic (ADS-B, ADS-R and TIS-B) display with optional embedded L-3 NextGen Active Traffic® capabilities

Experience the Lynx NGT-9000 app on your tablet or PC at L-3Lynx.com.
## COMANT COMMUNICATION ANTENNAS

### P/N CI-121 COM Antenna $179
- Common “straight whip” style designed for singles up to light twins.
- Rated to 250 knots. 118-136.75 MHz.
- Height: 17.9” Weight: 1 lb.

### P/N CI-122 COM Antenna $209
- Bent whip style antenna suitable for top mount or belly mount.
- Rated to 350 knots. 118-136.75 MHz.
- Height: 8.2” Weight: 1 lb.

### P/N CI-119 COM Antenna $459
- Designed for large twin to medium twins.
- Aerodynamically shaped for low drag.
- Rated to 350 knots. 118-136.75 MHz.
- Height: 13” Weight: 1.5 lbs.

### P/N CI-108 COM Antenna $849
- Blade style suitable for turbine aircraft and can be top mounted or belly mounted.
- Rated to 600 knots. 118-136.75 MHz.
- Height: 12” Weight: 2.5 lbs.

## COMANT NAVIGATION ANTENNAS

### CI-157P
#### “V” DIPOLE VOR/GLIDESLOPE ANTENNA
- Designed specifically for compatibility with the Piper aircraft mounting.
- The integral ferrite balun provides improvements in performance and replaces cumbersome coaxial baluns utilized previously. Not approved for helicopter installations.
- Freq.: 108 - 118 MHz, 329 - 335 MHz
- VSWR: 3.0:1 max
- Weight: 0.5 lb. max
- P/N CI-157P $299

### CI-159C
#### “V” DIPOLE VOR/GLIDESLOPE ANTENNA
- The CI-159C is similar to the CI-157P but with fiberglass radiating elements.
- P/N CI-159C $379

### P/N CI-205-3 VOR/GS HIGH TOWEL BAR SET
- Designed for mounting on the aircraft vertical stabilizer or helicopter tail boom.
- Features low weight/drag, tubular structure to minimize helicopter rotor “down wash” forces, wide band/high efficiency electrical performance & DC grounding for lightning protection.
- Includes a pair (2) of “towel bar” sensor elements each w/ single BNC output connector & a one-piece dual coax interconnect signal combiner harness with single BNC connector output.
- Use the CI-505 diplexer for dual VOR/single glideslope operation with NAV 1 & NAV 2 receivers. Dual VOR/dual glideslope operation is available when used with the CI-1125 diplexer.
- Freq.: 108-118 MHz (VOR/LOC)
- VSWR: 5.0:1 max
- Height: 5.25” max
- Weight: 1.75 lbs. max
- P/N CI-205-3 $149

### CI-120 GS VOR/GS NAVIGATION ANTENNA SET
- Provides optimum VOR performance when used for area navigation. Qualified for use on single, twin, jet and helicopter aircraft. It also provides glideslope reception capability.
- The complete set includes a pair of blades, each with single BNC connector output, two coax interconnect cables, and a signal combiner with single BNC connector output.
- Provides for a single cable run to the avionics installation.
- Use the CI-505 diplexer for dual VOR/single glideslope operation with NAV 1 and NAV 2 receivers.
- P/N CI-120 G/S $1159

## COMANT NAVIGATION COUPLERS

### P/N CI-502 Dual NAV Coupler $159
- The CI-502 permits the use of two NAVs through a single antenna.

### P/N CI-503 Dual Glideslope Coupler $149
- The CI-503 permits the use of two glideslopes through a single antenna.

### P/N CI-505 Dual NAV and Glideslope Coupler $149
- The CI-505 gives you the simultaneous use of two NAVs and one glideslope through a single antenna.

### P/N CI-1125 Dual NAV and Dual Glideslope Coupler $199
- The CI-1125 allows the simultaneous use of two NAVs and two glideslopes through one antenna.
**TRANSPONDER ANTENNAS**

**CI-101 TRANSPONDER ANTENNA**
The CI-101 is a top loaded stub monopole. The antenna radiator is mechanically captivated and is machined from beryllium copper for impact resistance. All metallic parts are plated with bright nickel for corrosion protection. The CI-101 mounts through a single 0.600” diameter mounting hole and uses a BNC connector.

- Freq.: 1030 - 1090 MHz
- VSWR: 1.3:1 max @ 1030 MHz
- VSWR: 1.5:1 max @ 1090 MHz
- Height: 3.3” max
- Weight: 0.1 lbs. max

P/N CI-101 $149

**104-12 ANTENNA**
Transponder/DME antenna meets the same manufacturing specifications and is a direct replacement for the Comant CI-101 and the RA Miller AV-22. Same high quality and performance at a better value.

- Freq.: 1030 - 1090 MHz
- Impedance: 50 ohms
- Mounting: Internal
- TSO C74c, DO-138
- Rated to 300 knots

P/N 104-12 $39

**COMANT CI-105**
The CI-105 is a broadband and rugged antenna, designed for DME or transponder use. The antenna assembly is encased in a glass reinforced polyester molded shell.

- Freq.: 960 - 1220 MHz
- VSWR: 1.3:1 max from 025 to 1150 MHz
- VSWR: 1.5:1 max from 969 to 1220 MHz
- Height: 3.25” max
- Weight: 0.24 lbs. max

P/N CI-105 $149

**RA MILLER AV-74**
The AV-74 is a broadband balde type antenna. Made with a durable acrylic (ASA) shell, it is supplied with neoprene mounting pad and hardware. AV-74 is designed to operate at speed up to 350 mph.

- Freq.: 960 - 1220 MHz
- Impedance: 50 ohms
- Mounting: Internal
- TSO C66b, C74c, DO-160A
- Rated to 400 knots

P/N AV-74 $145

**AV-22 TRANSPONDER ANTENNA**
Utilizes a BNC connector that allows for a smaller mounting hole for easier installation. Rated to 250 knots.

P/N AV-22 $59

**AV-10 COM ANTENNA**
The antenna essentially matches the styling of the communication antennas currently used on most single and light twins. Rated to 250 knots. 118-136.75 MHz

P/N AV-10 $149

**AV-17 BENT WHIP COMMUNICATION ANTENNA**
Designed for top mount or belly mount with classic bent whip design. Rated to 350 knots. 118-136.75 MHz

P/N AV-17 $179

**AV-534L COMMUNICATIONS ANTENNA**
The AV-534L is a heavy-duty stainless steel, bent-whip VHF COM Antenna. Rated to 250 mph. The antenna comes w/ 8 ft. of cable & mounting hardware. 118-136.75 MHz

P/N AV-534L $89

**AV-569 MARKER BEACON ANTENNA**
The AV-569 “Boat Type” marker beacon antenna is designed for very low drag. Includes cellular neoprene mounting pad and hardware.

P/N AV-569 $129

**AV-547 DUAL VOR DIPLEXER**
The AV-547 coupler feeds two navigation receivers from one antenna.

P/N AV-547 $99

**AV-12L VOR ANTENNA**
The AV-12L is a VOR receive only antenna which uses a highly efficient technique of molding the elements directly into a high-impact thermo-setting bakelite center insulator. The stainless steel elements are ground to close tolerances to provide a low profile. A 30 ft. cable with integral balun is also provided.

P/N AV-12L $259

**AV-571 DUAL VOR/1 GS TRIPLEXER**
The AV-571 coupler splits the signal from a VOR-type antenna to feed two NAV and one Glideslope receivers.

P/N AV-571 $149

**RA MILLER ANTENNAS AND COUPLERS**

**AV-3 GROUND VEHICLE ANTENNA**
Low profile snap-in mount 118-136.75 MHz Com antenna that easily mounts on ground vehicles. It comes with 12’ of cable and PL-259 connector and has a solderless connection at the antenna. AV-3 will work with most aviation mobile base radios.

P/N AV-3 $259

**AV-569 DUAL VOR 1 GS TRIPLEXER**
The AV-569 coupler feeds two navigation receivers from one antenna.

P/N AV-569 $129

**AV-547 DUAL VOR DIPLEXER**
The AV-547 coupler feeds two navigation receivers from one antenna.

P/N AV-547 $99

**AV-22 TRANSPONDER ANTENNA**
Utilizes a BNC connector that allows for a smaller mounting hole for easier installation. Rated to 250 knots.

P/N AV-22 $59

**AV-10 COM ANTENNA**
The antenna essentially matches the styling of the communication antennas currently used on most single and light twins. Rated to 250 knots. 118-136.75 MHz

P/N AV-10 $149

**AV-17 BENT WHIP COMMUNICATION ANTENNA**
Designed for top mount or belly mount with classic bent whip design. Rated to 350 knots. 118-136.75 MHz

P/N AV-17 $179

**AV-534L COMMUNICATIONS ANTENNA**
The AV-534L is a heavy-duty stainless steel, bent-whip VHF COM Antenna. Rated to 250 mph. The antenna comes w/ 8 ft. of cable & mounting hardware. 118-136.75 MHz

P/N AV-534L $89

**AV-569 MARKER BEACON ANTENNA**
The AV-569 “Boat Type” marker beacon antenna is designed for very low drag. Includes cellular neoprene mounting pad and hardware.

P/N AV-569 $129

**AV-547 DUAL VOR DIPLEXER**
The AV-547 coupler feeds two navigation receivers from one antenna.

P/N AV-547 $99

**AV-12L VOR ANTENNA**
The AV-12L is a VOR receive only antenna which uses a highly efficient technique of molding the elements directly into a high-impact thermo-setting bakelite center insulator. The stainless steel elements are ground to close tolerances to provide a low profile. A 30 ft. cable with integral balun is also provided.

P/N AV-12L $259

**AV-571 DUAL VOR/1 GS TRIPLEXER**
The AV-571 coupler splits the signal from a VOR-type antenna to feed two NAV and one Glideslope receivers.

P/N AV-571 $149

**RA MILLER AV-74**
The AV-74 is a broadband balde type antenna. Made with a durable acrylic (ASA) shell, it is supplied with neoprene mounting pad and hardware. AV-74 is designed to operate at speed up to 350 mph.

- Freq.: 960 - 1220 MHz
- Impedance: 50 ohms
- Mounting: Internal
- TSO C66b, C74c, DO-160A
- Rated to 400 knots

P/N AV-74 $145
ACK E-04 406 ELT

The E-04 121.5/406 MHz ELT is designed for use in general aviation aircraft and offers much better location accuracy over older 121.5 ELTs. Older generation ELTs are very limited in their ability to rapidly locate, and identify a downed aircraft, plus they do not provide any aircraft type, owner/operator, or contact information.

The ACK Technologies E-04 ELT transmits on both 406 and 121.5 MHz and comes ready to install complete with mounting rack, 6-year lithium battery, whip antenna with coax, panel and panel switch kit. For increased accuracy, the E-04 can connect to panel mount GPS, allowing the ELT to transmit GPS position.

Size: 7.9" x 2.75" x 2.75"  Weight: 3.5 lbs.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N E-04</td>
<td>406MHz ELT w/ GPS Interface</td>
<td>$449</td>
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<tr>
<td>P/N E-04R</td>
<td>E-01 Retrofit 406MHz ELT</td>
<td>$429</td>
</tr>
<tr>
<td>P/N E-04.0</td>
<td>E-04 Replacement Battery</td>
<td>$135</td>
</tr>
</tbody>
</table>

EMERGING LIFESAVING TECHNOLOGIES 406 ELT

The ELT406GPS is the first general aviation ELT with a built-in GPS, so along with the standard 406MHz emergency signal, COSPAS/SARSAT satellites can also pinpoint your current GPS position to within 25 meters. The ELT mounts like most standard ELTs with the transmitter and panel switch capable of using existing hardware and cut-outs from older ELTs. The unique low profile antenna combines ELT and GPS functions.

Size: 7.3" x 4.2" x 3.6"  Weight: 2.9 lbs.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>P/N ELT406GPS</td>
<td>406MHz ELT w/ GPS</td>
<td>$1195</td>
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</table>

406 ELT REPLACEMENT BATTERIES/PARTS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>P/N 455-0012</td>
<td>Artex ME-406 Battery</td>
<td>$149</td>
</tr>
<tr>
<td>P/N 345-6196</td>
<td>ME406 Panel Switch Kit</td>
<td>$69</td>
</tr>
<tr>
<td>P/N 8302</td>
<td>ELT-1000 Battery</td>
<td>$159</td>
</tr>
<tr>
<td>P/N E-04.0</td>
<td>E-04 Battery</td>
<td>$135</td>
</tr>
<tr>
<td>P/N E-04.5</td>
<td>E-04 Panel Switch Kit</td>
<td>$16</td>
</tr>
</tbody>
</table>

ACR RESQLINK PLB w/ GPS

The ResQLink™ is a full-powered, GPS-enabled rescue beacon designed for pilots, boaters, and back country sportsmen. The ResQLink™ accurately and quickly relays your position to a worldwide network of search and rescue satellites using three levels of integrated signal technology – 406MHz Cospass Satellites, GPS, and 121.5MHz. It has 66-channel GPS guiding rescuers to within 100 meters or less of your position, and that in the continental U.S., search and rescue personnel are alerted of your position in as little as five minutes.

Size: 1.6" x 1.9" x 4.5"  Weight: 5.4 oz.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 2881</td>
<td>ResQLink + Buoyant PLB</td>
<td>$285</td>
</tr>
</tbody>
</table>

DELORME EXPLORER

With the InReach Explorer’s built-in GPS you can navigate, create waypoints, log your trip and find your way back. The Explorer features a color screen and virtual keyboard to easily send and receive text messages, or send an SOS to the 24/7 emergency monitoring center. Explorer can also wirelessly pair with your mobile device to access topographic maps and US NOAA charts. The built-in rechargeable battery provides up to 100 hours of use.

Size: 2.44” x 1.02” x 5.87”  Weight: 7.05 oz.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>P/N AG-008727-201</td>
<td>InReach Explorer</td>
<td>$379.99</td>
</tr>
<tr>
<td>P/N AG-009871-201</td>
<td>InReach SE (no GPS)</td>
<td>$299.95</td>
</tr>
<tr>
<td>P/N AF-008564-201</td>
<td>Powered Vehicle Mount</td>
<td>$69.00</td>
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</tbody>
</table>

ARTEX ELT 345

The new ARTEX ELT 345 is built to the industry’s most stringent quality management standards to ensure the ELT works the first time, every time. The ELT 345 transmits on 406 MHz and 121.5 MHz while providing position accuracy thanks to the built-in GPS navigational interface. GPS data is embedded within the first emergency transmission and provides aircraft location to Search and Rescue personnel within 100 meters, in less than a minute.

Size: 6.4” x 3.96” x 3.78”  Weight: 2 lbs.

<table>
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<tr>
<th>Part Number</th>
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<th>Price</th>
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<tr>
<td>P/N 8102</td>
<td>ELT 345 w/ Whip Antenna</td>
<td>$549</td>
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ARTEX ELT 1000

The ELT 1000 406MHz ELT is a value priced upgrade to standard 121.5 ELTs, and when coupled to the aircraft navigation system via the built-in GPS interface, the ELT 1000 position accuracy improves to 110 yards or less. The encoded digital message broadcasts aircraft identification, owner/emergency contact details. System includes 6-year battery, antenna, panel switch, and mounting hardware.

Size: 6.6” x 3.7” x 2.9”  Weight: 2.2 lbs.

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<td>P/N 8203</td>
<td>ELT 1000 w/ Whip Antenna</td>
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<td>P/N 8204</td>
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<tr>
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KANNAD 406 ELT

The Kannad 406 ELT offers all the latest improvements of the COSPAS/SARSAT satellite system with the 406 MHz frequency. The Kannad 406 is designed for GA aircraft requiring a compact, automatic fixed ELT. The robust and reliable shock sensor will automatically activate the ELT in the event of a crash, or with the provided panel switch, the pilot can manually activate it. The ELT can also be removed from the aircraft and used as a portable as well. System includes ELT with mounting kit, remote switch, 6 year lithium battery, and whip antenna.

Size: 5.1” x 3.4” x 2.9”  Weight: 1.9 lbs.

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<tr>
<td>P/N KANNAD INTEGRA 406</td>
<td>ELT w/ INTERNAL GPS</td>
<td>$1149</td>
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</table>
The SAE5-35 has given sight to the blind encoder by combining Mode C encoding with an Altitude Inflight Monitor (AIM) and multiple RS-232 outputs for GPS and terrain awareness systems. The AIM function keeps a constant eye on the pilot’s selected cruise altitude and advises any altitude deviation of 100 ft. Certified to 35,000 feet, it provides transponder Grey code output and two RS-232 digital outputs in a single unit eliminating the need for any other special adapters or serializers.

Size: 4.87” x 1.06” x 4.74”  Weight: .7 lbs.

P/N SAE5-35  35K Altitude Encoder w/ RS232 Output  $359

SANDIA SAE5-35 ALTITUDE ENCODER w/ RS232 OUTPUT

The SAE5-35 has given sight to the blind encoder by combining Mode C encoding with an Altitude Inflight Monitor (AIM) and multiple RS-232 outputs for GPS and terrain awareness systems. The AIM function keeps a constant eye on the pilot’s selected cruise altitude and advises any altitude deviation of 100 ft. Certified to 35,000 feet, it provides transponder Grey code output and two RS-232 digital outputs in a single unit eliminating the need for any other special adapters or serializers.

Size: 4.87” x 1.06” x 4.74”  Weight: .7 lbs.

P/N SA5-35  35K Altitude Encoder w/ RS232 Output  $359

AERO 353/452

The AERO 353 and AERO 452 provide a visual and aural warning when the presence of CO is detected, and will go into alarm mode within five minutes of the carbon monoxide level is greater than 50 PPM.

P/N AERO 353-101  Experimental  $289
P/N AERO 452-101  TSO/Certified  $485

AERO 454

The AERO 454 panel mount for certified aircraft provides and aural and visual warning when CO is detected. It also interfaces to a panel mount GPS, and then wirelessly transmits your GPS location and flight data to up to three iPads or iPhones.

P/N AERO 454-201  CO Detector  $979
CGR-30P CERTIFIED ENGINE MONITOR SYSTEM
The CGR-30P brings new glass panel technology to your panel, without breaking the bank. Designed as a Cluster Gauge Replacement (CGR), the CGR is certified as a primary replacement for your Tachometer, Manifold Pressure, Fuel Flow Totalizer, EGT/CHT Bar Graph Analyzer, and more! The Main Screen displays the Tachometer and Manifold Pressure in large analog arcs at the top of the instrument, in addition to large digital readouts. The CGR also provides a complete, Primary Replacement EGT/CHT Bar Graph Analyzer. Each cylinder is monitored, and if any engine temperature rises above or below programmed limits, the CGR will let you know immediately. The EGT/CHT Bar Graph Analyzer also has a Lean-of-Peak Mode and a Rich-of-Peak Mode for easy engine leaning and best fuel economy. The CGR also contains three STC’d, Primary Replacement engine instruments. Choose between several options, including Fuel Pressure, Oil Pressure, Oil Temperature, TIT, Volts, Fuel Level(s), Vacuum, and more. The secondary screen provides fuel quantity and fuel flow information. The CGR-30C can replace up to 16 Primary Instruments, can be installed as a stand-alone cluster gauge replacement instrument, or can be installed as a companion instrument to an existing CGR-30P installation for the ultimate in engine and systems management.

P/N CGR-30P-4-Basic (4 Cylinder) $2998
P/N CGR-30P-6-Basic (6 Cylinder) $3648
P/N CGR-30P-4-Premium (4 Cylinder) $3538
P/N CGR-30P-6-Premium (6 Cylinder) $3948

MVP-50 ENGINE MONITOR SYSTEM
The MVP-50 allows pilots to accurately monitor dozens of engine and system parameters, program redline limits, setup custom inputs, create interactive checklists, store general flight information, build flight plans, record and review pertinent data from every flight, and so much more. The MVP has been designed with the same thoughtful engineering that goes into every EI product.

With its large 5.5” display, the MVP-50 allows you to accurately monitor over 15 engine instruments and system parameters, program redline limits, set up custom inputs, create interactive checklists, store general flight information, build flight plans, record and review pertinent flight data, and so much more. Onboard data-recording provides the capability to download and review an entire flight history for any flight. Bar graph and digital displays continuously provide critical engine information, including leaning assistance, temperature differentials, and audible and visual engine limit alerts. The System Screen is dedicated to programming and display of various aircraft systems including flaps, elevator and aileron trim, plus most any function you want to view such as customizable checklists, vacuum pressure, hydraulic pressure, pressure altitude, airspeed, and virtually any temperature or pressure. MVP-50 is available for experimental aircraft versions, certified single and twin engine aircraft, and even turbine aircraft.

P/N MVP-50P-4 4-Cylinder-Experimental $4648
P/N MVP-50P-6 6-Cylinder-Experimental $5098
P/N MVP-50P-4T 4-Cylinder Twin System $11,730
P/N MVP-50P-6T 6-Cylinder Twin System $12,630
P/N MVP-50TE $6295
P/N MVP-50TC $8795

M-1 MANIFOLD PRESSURE
• FAA approved as a primary replacement instrument (STC’d, PMA’d, & TSO’d)
• Accurate digital display
• Backlit LCD display
• .1” mercury resolution
• Connects to standard pressure line
• 210 degree green, yellow and red LED arc

P/N M-1 $489

OPT-1 OIL TEMP/ PRESSURE
• FAA approved as a primary replacement instrument (STC’d, PMA’d, & TSO’d)
• Two graphic analog displays (limits may be set to your specification)
• 1 PSI and 1˚F resolution
• LCD display for excellent visibility in direct sunlight (backlit for night operation)
• External oil pressure and temperature transducers (no oil lines in the cabin)
• Compact size: 2.5” x 2.5” x 3.65”

P/N OPT-1 $529

R-1 TACHOMETER
• FAA approved as primary (STC’d, PMA’d, & TSO’d)
• 210˚ graphic analog and digital display (limits may be set to your specification)
• Automatic flight timer
• Automatically records highest RPM on last flight
• Tach timer (factory preset to your requirements)
• 10 RPM resolution
• LCD display (backlit for night operation)
• No mechanical hookup required
• Compact size: 2.5” x 2.5” x 3.65”

P/N R-1 $459

MVP-50 ENGINE MONITOR SYSTEM
The MVP-50 allows pilots to accurately monitor dozens of engine and system parameters, program redline limits, setup custom inputs, create interactive checklists, store general flight information, build flight plans, record and review pertinent data from every flight, and so much more. The MVP has been designed with the same thoughtful engineering that goes into every EI product.

With its large 5.5” display, the MVP-50 allows you to accurately monitor over 15 engine instruments and system parameters, program redline limits, set up custom inputs, create interactive checklists, store general flight information, build flight plans, record and review pertinent flight data, and so much more. Onboard data-recording provides the capability to download and review an entire flight history for any flight. Bar graph and digital displays continuously provide critical engine information, including leaning assistance, temperature differentials, and audible and visual engine limit alerts. The System Screen is dedicated to programming and display of various aircraft systems including flaps, elevator and aileron trim, plus most any function you want to view such as customizable checklists, vacuum pressure, hydraulic pressure, pressure altitude, airspeed, and virtually any temperature or pressure. MVP-50 is available for experimental aircraft versions, certified single and twin engine aircraft, and even turbine aircraft.

P/N MVP-50P-4 4-Cylinder-Experimental $4648
P/N MVP-50P-6 6-Cylinder-Experimental $5098
P/N MVP-50P-4T 4-Cylinder Twin System $11,730
P/N MVP-50P-6T 6-Cylinder Twin System $12,630
P/N MVP-50TE $6295
P/N MVP-50TC $8795

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• Accurate digital display
• Backlit LCD display
• .1” mercury resolution
• Connects to standard pressure line
• 210 degree green, yellow and red LED arc

P/N M-1 $489

OPT-1 OIL TEMP/ PRESSURE
• FAA approved as a primary replacement instrument (STC’d, PMA’d, & TSO’d)
• Two graphic analog displays (limits may be set to your specification)
• 1 PSI and 1˚F resolution
• LCD display for excellent visibility in direct sunlight (backlit for night operation)
• External oil pressure and temperature transducers (no oil lines in the cabin)
• Compact size: 2.5” x 2.5” x 3.65”

P/N OPT-1 $529

R-1 TACHOMETER
• FAA approved as primary (STC’d, PMA’d, & TSO’d)
• 210˚ graphic analog and digital display (limits may be set to your specification)
• Automatic flight timer
• Automatically records highest RPM on last flight
• Tach timer (factory preset to your requirements)
• 10 RPM resolution
• LCD display (backlit for night operation)
• No mechanical hookup required
• Compact size: 2.5” x 2.5” x 3.65”

P/N R-1 $459
**UBG-16 GRAPHIC SYSTEMS**

Engine analysis is performed automatically with the UBG-16. Two displays, with up to 8 Temperature Probes per display, allow pilots to monitor up to sixteen different temperatures, including EGT, CHT, TIT, OAT, Carb Temp, Cowl Temp, Oil Temp, and virtually any other temperature. You can step through each channel with the Step Switch, or place the instrument into Scan Mode and have it monitor the entire suite of monitored temperatures automatically. On top of the impressive individual temp redline programming capability, the UBG-16 comes complete with a CHT shock-cooling limit, and an EGT differential limit. Shock cooling will alert you if your cylinders exceed a cooling rate that could result in thermal shock. The EGT differential alarm will keep an eye out for rogue EGTs that may be an indication of a larger problem occurring in your engine.

**OPTIONS:**

- FM-OP Oil Pressure $215
- FM-FP Fuel Pressure $215
- FM-MP Manifold Pressure $215

**Single Channel EGT or CHT Kit**

- P/N E-1 $280
- P/N C-1 $280

2.25” Mount, 2.5” Depth, 12 oz. Kit, STC’d, TSO’d, PMA’d, 1°F Resolution, 1/2% Accuracy. Viewable in direct sunlight, Backlit, Operates from 7.5 to 35 volts at .1 amp.

**Digital Fuel Quantity Indicator (For use on Homebuilt Aircraft ONLY)**

- P/N FL-2R $399
- P/N FL-2C $399

Analog Displays give primary fuel quantity in L/R wing tanks, Digital Display of total fuel, (in 1 gallon increments), in L/R and both tank totals, Digital Display can be programmed to show gallons, British gallons, pounds or liters. Warnings for: 1/4 Tank Difference, 1/4 Tank Warning, (Red LED), 1/8 Tank Low Fuel Warning, (Yellow LED), 2.25” Mount, 3.65” Depth, 10 oz. Viewable in direct sunlight, Backlit, Operates from 7.5 to 35 Volts at .1 amps.

**Volt-ammeter Primary Replacement Volt/Amp Instrument**

- P/N VA-1A $339

Discharge & High Voltage Warning Lights, 100 amp capability, .1 volt & .1 amp Resolution, 1% Accuracy, 2.25” Mount, 2.5” Depth, 9 oz. Viewable in direct sunlight, Backlit, Operates from 7.0 to 40 volts at .1 amp, 50 amp (up to 100 amp), or 300 amp.

**Super Clock**

- P/N SC-5 $295

Displays local time or Zulu time. Displays an Up Timer or Down Timer that can be stopped, started and reset. Recurring alarm may be set to alert you of set time intervals. Displays Engine Timer. 10 year lithium battery.

** Volunteer**

- P/N ASC-5A $479

Displays altitude from encoder. Preset your target altitude and the ASC-5A tells you if you are above or below with deviation and level-off alarm. Outside Air Temperature display. Chronometer with count up/down timer, and programmable timer alarm.

**4-Cylinder System**

- P/N E-4 $565
- P/N C-4 $565

2.25” Mount, 2.5” Depth, 12 oz. Kit, STC’d, TSO’d, PMA’d, 1°F Resolution, 1/2% Accuracy. Viewable in direct sunlight, Backlit, Operates from 7.5 to 35 volts at .1 amp. Has rotary switch to select desired cylinders.

**Digital Displays**

- P/N EC-1P $510
- P/N TC-1P $510

With Over-Temp Lights, 3.125” Mount, 2.5” Depth, 1.25 lbs. Kit, STC’d, TSO’d, PMA’d, 1°F Resolution.

**US-8A ULTIMATE ENGINE ANALYZER**

Includes all probes/leads, and all programming can be done on front panel. Complete EGT/CHT diagnostics.

- P/N US-8A-4 4 Cylinder $1149
- P/N US-8A-6 6 Cylinder $1395

**US-8A ULTIMATE ENGINE ANALYZER**

- P/N US-8A-4 4 Cylinder $1149
- P/N US-8A-6 6 Cylinder $1395

**Super Clock**

- P/N SC-5 $295

Displays local time or Zulu time. Displays an Up Timer or Down Timer that can be stopped, started and reset. Recurring alarm may be set to alert you of set time intervals. Displays Engine Timer. 10 year lithium battery.

**Volt-ammeter Primary Replacement Volt/Amp Instrument**

- P/N VA-1A $339

Discharge & High Voltage Warning Lights, 100 amp capability, .1 volt & .1 amp Resolution, 1% Accuracy, 2.25” Mount, 2.5” Depth, 9 oz. Viewable in direct sunlight, Backlit, Operates from 7.0 to 40 volts at .1 amp, 50 amp (up to 100 amp), or 300 amp.

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- P/N US-8A-6 6 Cylinder $1395

**Super Clock**

- P/N SC-5 $295

Displays local time or Zulu time. Displays an Up Timer or Down Timer that can be stopped, started and reset. Recurring alarm may be set to alert you of set time intervals. Displays Engine Timer. 10 year lithium battery.

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- P/N VA-1A $339

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- P/N US-8A-4 4 Cylinder $1149
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- P/N VA-1A $339

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**US-8A ULTIMATE ENGINE ANALYZER**

- P/N US-8A-4 4 Cylinder $1149
- P/N US-8A-6 6 Cylinder $1395
EDM-930 SINGLE ENGINE MONITOR

The EDM-930 is certified as a primary flight instrument, meaning that with the 930 on board, you can remove many of your old engine gauges, and open up valuable space in your panel. The bright 6.25” diagonal VGA display is always sunlight readable and self-dimming. All engine parameters are programmable to the specific aircraft and the built-in alarm will alert you if any engine function is out of normal parameter. JPI’s exclusive LeanFind mode automatically identifies the first and last cylinder to peak for optimum mixture settings and fuel economy, plus extended engine life. Functions include RPM and Manifold Pressure displayed in recognizable arcs, while EGT, CHT, % Horsepower, Fuel Pressure, Oil Pressure, Oil Temperature, Volts and AMPS are shown in familiar graphic bar form, plus all of these functions are shown digitally as well. Other standard features include OAT, Fuel Flow Computer, and up to 30 hours engine data recording. EDM-930 optional functions include primary replacement Fuel Quantity, either Carb Temp or Induction Air Temp, and Turbine Inlet Temp.

P/N EDM-930-4CP-0 4 Cylinder System $5725
P/N EDM-930-6CP-0 6 Cylinder System $6195
P/N EDM-930-4CP-2 4 Cylinder System-2 Fuel Quantity $6050
P/N EDM-930-4CP-4 4 Cylinder System-4 Fuel Quantity $6495
P/N EDM-930-6CP-2 4 Cylinder System-2 Fuel Quantity $6575
P/N EDM-930-6CP-4 6 Cylinder System-4 Fuel Quantity $7195

EDM-960 TWIN ENGINE MONITOR

The EDM-960 is certified as a primary replacement for the analog engine “steam gauges” in most twin engine aircraft and it displays all of your engine instruments on one high definition 6.25” diagonal VGA screen. All programming is from the front panel using two simple buttons and the EDM-960 will warn you instantly if any measurement exceeds the programmed limit. Leaning is accomplished quickly and automatically using JPI’s LeanFind™ procedure. Other functions include Fuel Flow Computer, OAT, RPM and Manifold Pressure displayed in recognizable dual needle arcs, while EGT, CHT, % Horsepower, Fuel Pressure, Oil Pressure, Oil Temperature, Volts and AMPS are shown in familiar graphic bar form, plus all of these functions are shown digitally as well. EDM-960 optional functions include primary replacement Fuel Quantity, either Carb Temp or Induction Air Temp, and Turbine Inlet Temp.

P/N EDM-960-4CP-0 4 Cylinder Twin System $14,990
P/N EDM-960-6CP-0 6 Cylinder Twin System $16,390
P/N EDM-960-4CP-2 4 Cylinder Twin System-2 Fuel Quantity $15,695
P/N EDM-960-4CP-4 4 Cylinder Twin System-4 Fuel Quantity $16,750
P/N EDM-960-6CP-2 4 Cylinder Twin System-2 Fuel Quantity $16,990
P/N EDM-960-6CP-4 6 Cylinder Twin System-4 Fuel Quantity $17,950

EDM-790 TWIN ENGINE MONITOR

The EDM-790 system is the most advanced and accurate twin piston engine-monitoring instrument on the market. TSO’d for quality, the EDM-790 is not just another black box along for the ride. It is a Flight Engineer, a Maintenance Engineer, and Engine Manager. It’s always there, working in the background, monitoring your engine parameters three times a second, and will warn you instantly if there is any temperature or function that deviates from the programmed limit. EDM-790 will continually monitor all cylinders for EGT and CHT, plus aircraft voltage and shock cooling warning. Optional functions include Oil Temperature, OAT, T.I.T., Carb Tem, and fuel computer showing fuel flow (GPH), gallons used, gallons remaining, and time to empty. All of these functions are automatically recorded internally and then can easily be downloaded onto memory for you to record.

P/N EDM-790-4C 4 Cylinder System $3595
P/N EDM-790-6C 6 Cylinder System $4325
Internal Fuel Computer Option w/ Transducers $1039

EDM-900 SINGLE ENGINE MONITOR

The EDM-900 is certified as a primary replacement for the existing analog engine gauges including fuel quantity (optional) and provides a full color engine display. The display fits in a standard 3 1/8” instrument hole and the system includes all probes, sensors, and transducers for RPM, Manifold Pressure, EGT/CHT, Oil Temp and Pressure, Fuel Pressure, Fuel Flow, OAT, and Volts/Amps. Standard JPI features include data loading/memory, shock cooling warning, Lean Find, and percent horsepower. EDM-900 can mount/display vertical or horizontal and bezel size is 3.1” x 4”.

P/N EDM-900-4CP-0 4 Cylinder System $3750
P/N EDM-900-6CP-0 6 Cylinder System $4075
P/N EDM-900-4CP-2 4 Cylinder System-2 Fuel Quantity $3850
P/N EDM-900-4CP-4 4 Cylinder System-4 Fuel Quantity $4150
P/N EDM-900-6CP-2 4 Cylinder System-2 Fuel Quantity $4250
P/N EDM-900-6CP-4 6 Cylinder System-4 Fuel Quantity $4595

EDM-790 TWIN ENGINE MONITOR

The EDM-790 system is the most advanced and accurate twin piston engine-monitoring instrument on the market. TSO’d for quality, the EDM-790 is not just another black box along for the ride. It is a Flight Engineer, a Maintenance Engineer, and Engine Manager. It’s always there, working in the background, monitoring your engine parameters three times a second, and will warn you instantly if there is any temperature or function that deviates from the programmed limit. EDM-790 will continually monitor all cylinders for EGT and CHT, plus aircraft voltage and shock cooling warning. Optional functions include Oil Temperature, OAT, T.I.T., Carb Tem, and fuel computer showing fuel flow (GPH), gallons used, gallons remaining, and time to empty. All of these functions are automatically recorded internally and then can easily be downloaded onto memory for you to record.

P/N EDM-790-4C 4 Cylinder System $3595
P/N EDM-790-6C 6 Cylinder System $4325
Internal Fuel Computer Option w/ Transducers $1039
EDM-730 COLOR ENGINE MONITOR
EDM-830 COLOR ENGINE MONITOR

The EDM-730 and EDM-830 are a jump forward in EGT/CHT engine monitoring. With their large multi-color displays, you can instantly monitor the performance and health of your engine at a glance and as with the EDM-800, you can also monitor RPM, Manifold Pressure and % Horsepower. Unique to the EDM-730/830 is the ability to mount the unit in portrait or landscape, and the display simply rotates to how it’s mounted. EGT and CHT is displayed in a large color graph and digital presentation while the fuel computer functions, OAT, and Oil Temp (options in EDM-730) are simultaneously displayed in a “tape/slide” format. The unit has an offset case and can be mounted in a standard 3 1/8” hole, thus accommodating nearly any panel configuration. As with the EDM-700/800, the EDM-730 and EDM-830 automatically finds the first EGT to peak, monitors shock cooling, battery volts, and has an internal memory that stores all engine data and trends for later computer download allowing you to track engine performance history. System includes all EGT/CHT probes, leads, and harness.

P/N EDM-730-4C  4 Cylinder System  $1690
P/N EDM-730-6C  6 Cylinder System  $2390
P/N EDM-830-4C  4 Cylinder System  $2790
P/N EDM-830-6C  6 Cylinder System  $2990
P/N EDM-730 Upgrade  EDM-700 to 730 Upgrade  $1290
P/N EDM-830 Upgrade  EDM-800 to 830 Upgrade  $1290

*Add $320 if Installing as Primary CHT Replacement

Internal Fuel Computer Option w/ Transducers for EDM-730-4C/6C  $450
Temp Display Options: Oil Temp, Carb Temp, OAT, TIT  $169 Each

EDM-740 COMPLETE ENGINE MONITOR FOR EXPERIMENTAL AIRCRAFT

P/N EDM-740-4C  4 Cylinder System  $2760
P/N EDM-740-6C  6 Cylinder System  $2980

EDM-700/EDM-800 ENGINE MONITOR

With its combination layout, the EDM-700 and EDM-800 allow you to simultaneously monitor all EGT and CHT on a bar graph and digital numeric display, with temperature accuracy to 1 degree. The system monitors trends, automatically finds the first EGT to peak, monitors shock cooling, and battery voltage. The EDM-700/800 include an internal “memory module” which automatically records engine data, which allows for later download, giving you the capability to track engine performance and history. You can also have the option to replace the old factory installed analog “needle” CHT gauge in certified aircraft. The systems include all EGT and CHT probes, wiring harnesses and the EDM-800 includes fuel computer and transducer, plus sensors for OAT, Manifold Pressure and RPM. The fuel computer is optional with the EDM-700.

P/N EDM-700-4C  4 Cylinder System  $1595
P/N EDM-700-6C  6 Cylinder System  $2069
P/N EDM-700-7C  7 Cylinder System  $2239
P/N EDM-800-4C  4 Cylinder System  $2675
P/N EDM-800-6C  6 Cylinder System  $3075

Internal Fuel Computer Option w/ Transducer (EDM-700)  $450
Temperature Options: Oil Temp, Carb Temp, OAT, TIT  $169 Each
Primary CHT Replacement  $320

FS-450 FUEL COMPUTER

The FS-450 Fuel Computer features two digital displays providing continuous display of fuel flow (GPH) in the top window, and either auto scan or manual selection of Fuel Used, Fuel Remaining and Time-To-Empty in the bottom window. When interfaced to a GPS, the FS-450 also displays fuel needed to destination, fuel reserve at destination, and miles per gallon. System includes transducer, wiring harness, instructions and two year warranty. TSO’d and STC’d.

P/N JPI-FS-450  Fuel Computer/Non-Gravity Feed System  $565
P/N JPI-FS-450G  Fuel Computer/Gravity Feed System  $565

FS-450M TWIN ENGINE FUEL COMPUTER

The FS-450M is the least expensive and most accurate twin engine fuel computer available. With a 3 1/8” display, you will see fuel flow for each engine simultaneously, plus a third display window showing gallons used (left, right, and total), gallons remaining, time-to-empty, and gallons reserve. The FS-450M is accurate to within 3%, and is TSO’d/STC’d for most twin aircraft. Transducers and wiring harness is included.

Size:  3.125” diameter w/ super thin 1.5” depth  Weight: 5 oz.
P/N JPI-FS-450M Twin System  $995
### VACUUM HORIZONS

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<tr>
<td>P/N 5000B-38</td>
<td>Sigma-Tek Horizon w/Warning Flag</td>
<td>$1449</td>
</tr>
<tr>
<td>P/N 5000B-37</td>
<td>Sigma-Tek Horizon – Lighted</td>
<td>$1349</td>
</tr>
</tbody>
</table>

### ELECTRIC HORIZONS

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N RCA26EK-11</td>
<td>RC Allen Fixed Pointer (11-33v)</td>
<td>$2295</td>
</tr>
<tr>
<td>P/N RCA26EK-12</td>
<td>RC Allen Fixed Pointer – Lighted (11-33v)</td>
<td>$2350</td>
</tr>
<tr>
<td>P/N RCA26EK-13</td>
<td>RC Allen Movable Pointer (11-33v)</td>
<td>$2250</td>
</tr>
<tr>
<td>P/N RCA26EK-14</td>
<td>RC Allen Movable Pointer – Lighted (11-33v)</td>
<td>$2350</td>
</tr>
<tr>
<td>P/N 1U670-008-8</td>
<td>Sigma-Tek 5000E (14v)</td>
<td>$2230</td>
</tr>
<tr>
<td>P/N 1U670-007-7</td>
<td>Sigma-Tek 5000E (26v)</td>
<td>$2230</td>
</tr>
</tbody>
</table>

### VACUUM DIRECTIONAL GYROS

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N RCA11A-8</td>
<td>RC Allen DG</td>
<td>$865</td>
</tr>
<tr>
<td>P/N RCA11A-8F</td>
<td>RC Allen DG w/Warning Flag</td>
<td>$975</td>
</tr>
<tr>
<td>P/N 4000B-30</td>
<td>Sigma-Tek DG</td>
<td>$1139</td>
</tr>
<tr>
<td>P/N 4000B-31</td>
<td>Sigma-Tek DG – Lighted</td>
<td>$1349</td>
</tr>
<tr>
<td>P/N 4000HR-2</td>
<td>Sigma-Tek DG w/Heading Ref</td>
<td>$1449</td>
</tr>
<tr>
<td>P/N 4000HR-3</td>
<td>Sigma-Tek DG w/Heading Ref – Lighted</td>
<td>$1689</td>
</tr>
<tr>
<td>P/N DG02V-3</td>
<td>Falcon DG (Experimental Non-TSO)</td>
<td>$675</td>
</tr>
</tbody>
</table>

### ELECTRIC DIRECTIONAL GYROS

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N RCA15EK-2</td>
<td>RC Allen DG (11-33v)</td>
<td>$2295</td>
</tr>
<tr>
<td>P/N RCA15EK-1</td>
<td>RC Allen DG-Lighted (11-33v)</td>
<td>$2350</td>
</tr>
<tr>
<td>P/N DG02E-3L</td>
<td>Falcon DG (Experimental Non-TSO)</td>
<td>$1675</td>
</tr>
</tbody>
</table>

### DIGITAL ATTITUDE INDICATORS

#### RCA2600 DIGITAL ATTITUDE INDICATOR
- The TSO-Certified series of RCA2600 electronic digital attitude indicators are designed to look and react like the more familiar mechanical gyroscopes, but have no moving parts. It has a bright LCD digital display and is capable of 360 degree pitch and roll. The units are 9-33V and available in either 2 ¼” or 3 1/8” sizes. The RCA2600PS adds pitot/static input for higher performance. Specify panel tilt when ordering.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N RCA2600-2</td>
<td>2 1/4” Electronic Digital Horizon</td>
<td>$2695</td>
</tr>
<tr>
<td>P/N RCA2600-3</td>
<td>3 1/8” Electronic Digital Horizon</td>
<td>$2695</td>
</tr>
<tr>
<td>P/N RCA2600PS</td>
<td>Digital Horizon w/Pitot Static</td>
<td>$2895</td>
</tr>
<tr>
<td>P/N 444-0010-01</td>
<td>Inclinometer</td>
<td>$149</td>
</tr>
<tr>
<td>P/N MS31186F8-4S</td>
<td>Connector</td>
<td>$30</td>
</tr>
</tbody>
</table>

### MID-CONTINENT INSTRUMENTS

#### CHRONOMETER / USB CHARGE PORT
- The MD93 Digital Clock/USB Charger features intuitive operation with four modes: local time, Zulu time, flight timer and stopwatch. The built-in USB charging port supplies the electric current needed to charge any device with a USB interface.
- The self-contained, TSO-certified TA102 Dual USB Charging Port is a modern addition to any cockpit and interior cabin. TA102 simultaneously provides 2.1 amps per charging port to any consumer product requiring a USB interface, including most cell phones, tablets and GPS devices.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 6420093-1</td>
<td>Chronometer w/USB Charge Port</td>
<td>$529</td>
</tr>
<tr>
<td>P/N TA102</td>
<td>TA-102 Dual USB Charge Port</td>
<td>$359</td>
</tr>
</tbody>
</table>

### MID-CONTINENT INSTRUMENTS & AVIONICS

#### MD-302 SAM™ 2-INCH STANDBY ATTITUDE MODULE
- SAM™ is the first digital, standby attitude, airspeed and altitude module with a unique two-screen display that is an alternative to analog instrument back-ups for EFIS installations. Entirely self-contained, SAM is a solid-state instrument that provides attitude, airspeed and slip information in either a horizontal or vertical format, during normal operation or in the case of primary instrument failure. SAM features a rechargeable lithium-ion battery that provides up to one hour of operation in the event of aircraft electrical power failure. SAM has no remote boxes, is easily installed, and can be user programmed to the specific aircraft parameters.

- **Size:** 2.4” x 5.5”  
  **Weight:** 1.6 lbs

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 6420302-1</td>
<td>MD302 Standby Attitude Module</td>
<td>$7095</td>
</tr>
</tbody>
</table>
UNITED INSTRUMENTS
Fully TSO'd to current specifications. Available in the following configurations:

<table>
<thead>
<tr>
<th>P/N</th>
<th>Range/Dial</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>5934P-3</td>
<td>20,000 ft./Inches</td>
<td>$1095</td>
</tr>
<tr>
<td>5934PM-3</td>
<td>20,000 ft./Millibars</td>
<td>$1095</td>
</tr>
<tr>
<td>5934PD-3</td>
<td>20,000 ft./In. &amp; Mb.</td>
<td>$1130</td>
</tr>
<tr>
<td>5934PAD-3</td>
<td>35,000 ft./In. &amp; Mb.</td>
<td>$1265</td>
</tr>
<tr>
<td>5934PA-3</td>
<td>35,000 ft./Inches</td>
<td>$1255</td>
</tr>
<tr>
<td>5934PAM-3</td>
<td>35,000 ft./Millibars</td>
<td>$125</td>
</tr>
</tbody>
</table>

INTERNAL LIGHTING (specify voltage) $125

5237 TSO’d 2 1/4” ALTIMETER
This United Instruments 2 ¼” 3- pointer Altimeter meet the same specs as their Standard 5934 series.

Certification: FAA TSO-C10b
Case Configuration: MS3349, 2 inch case
Typical Weight: 13 ounces
Number of Pointers: 3
Barometric Setting: 28.1 to 31.0 in Hg/946 to 1050 mb
Calibrated Ranges: -1,000 to 20,000 or +35,000 feet

P/N 5237 2 ¼” Altimeter-Inches $3295
P/N 5237M 2 ¼” Altimeter-Millibar $3295

UNITED INSTRUMENTS
These precision TSO’d VSI’s provide accurate indication of rate of change. Zero adjust screw.

3-1/8” SIZE:

<table>
<thead>
<tr>
<th>P/N</th>
<th>Vertical Speed Ranges</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>7000-C31</td>
<td>0-2000 FPM</td>
<td>$589</td>
</tr>
<tr>
<td>7030</td>
<td>0-3000 FPM</td>
<td>$589</td>
</tr>
<tr>
<td>7040</td>
<td>0-4000 FPM</td>
<td>$589</td>
</tr>
<tr>
<td>7060</td>
<td>0-6000 FPM</td>
<td>$995</td>
</tr>
</tbody>
</table>

Internal lighting available as an option (specify voltage) $125

FALCON GAUGE
Quality precision instrument. Zero adjust screw. Non-TSO’d

3-1/8” SIZE:

<table>
<thead>
<tr>
<th>P/N</th>
<th>Vertical Speed Ranges</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>VS12FM-3</td>
<td>0-2000 FPM</td>
<td>$169</td>
</tr>
<tr>
<td>VS13FM-3</td>
<td>0-3000 FPM</td>
<td>$189</td>
</tr>
<tr>
<td>VS10MES-3</td>
<td>10 meter/sec</td>
<td>$169</td>
</tr>
</tbody>
</table>

2-1/4” SIZE:

<table>
<thead>
<tr>
<th>P/N</th>
<th>Vertical Speed Ranges</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>VS12FM-2</td>
<td>0-2000 FPM</td>
<td>$219</td>
</tr>
<tr>
<td>VS10MES-2</td>
<td>10 meter/sec</td>
<td>$219</td>
</tr>
</tbody>
</table>

U.M.A. INSTRUMENTS
Non-TSO’d single pointer altimeters in ranges: 0 – 10,000 ft. & 0 – 20,000 ft.

3-1/8” SIZE:

<table>
<thead>
<tr>
<th>P/N</th>
<th>Range/Dial Markings</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-300-10</td>
<td>0 – 20,000 ft./B &amp; W</td>
<td>$155</td>
</tr>
<tr>
<td>5-300-20</td>
<td>0 – 10,000 ft./B &amp; W</td>
<td>$155</td>
</tr>
<tr>
<td>5-300-41</td>
<td>0 – 10,000 ft./B &amp; W Millibar</td>
<td>$169</td>
</tr>
<tr>
<td>5-300-42</td>
<td>0 – 20,000 ft./B &amp; W Millibar</td>
<td>$169</td>
</tr>
</tbody>
</table>

2-1/4” SIZE:

<table>
<thead>
<tr>
<th>P/N</th>
<th>Range/Dial Markings</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-410-10</td>
<td>0 – 10,000 ft./w/ Baro Dial</td>
<td>$309</td>
</tr>
<tr>
<td>5-410-20</td>
<td>0 – 20,000 ft./w/ Baro Dial</td>
<td>$309</td>
</tr>
<tr>
<td>5-411-10</td>
<td>0 – 10,000 ft./w/ Millibar</td>
<td>$329</td>
</tr>
<tr>
<td>5-411-20</td>
<td>0 – 20,000 ft./w/ Millibar</td>
<td>$329</td>
</tr>
</tbody>
</table>

Manufactured in the USA.

UNITED INSTRUMENTS
These altimeters provide accurate indication of rate of change. Zero adjust screw.

3-1/8” SIZE:

<table>
<thead>
<tr>
<th>P/N Range/Dial</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALT20INF-3 20,000 ft./Inches</td>
<td>$399</td>
</tr>
<tr>
<td>ALT20MBF-3 20,000 ft./Millibars</td>
<td>$399</td>
</tr>
<tr>
<td>ALT20IMF-3 20,000 ft./Inches/Millibars</td>
<td>$419</td>
</tr>
</tbody>
</table>

U.M.A. INSTRUMENTS
These indicators are FAA TSO’d and they are eligible for installation on fixed wing aircraft with a reciprocating or turbo-prop engine.

3-1/8” SIZE:

<table>
<thead>
<tr>
<th>P/N</th>
<th>Vertical Speed Ranges</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>T8-310-20</td>
<td>0-2000 FPM</td>
<td>$349</td>
</tr>
<tr>
<td>T8-310-30</td>
<td>0-3000 FPM</td>
<td>$349</td>
</tr>
<tr>
<td>T8-310-40</td>
<td>0-4000 FPM</td>
<td>$529</td>
</tr>
<tr>
<td>T8-310-60</td>
<td>0-6000 FPM</td>
<td>$679</td>
</tr>
</tbody>
</table>

2-1/4” SIZE:

<table>
<thead>
<tr>
<th>P/N</th>
<th>Vertical Speed Ranges</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>T8-210-20</td>
<td>0-2000 FPM</td>
<td>$469</td>
</tr>
<tr>
<td>T8-210-30</td>
<td>0-3000 FPM</td>
<td>$469</td>
</tr>
<tr>
<td>T8-210-40</td>
<td>0-4000 FPM</td>
<td>$689</td>
</tr>
<tr>
<td>T8-210-60</td>
<td>0-6000 FPM</td>
<td>$739</td>
</tr>
</tbody>
</table>

High quality, non-TSO’d VSI’s with zero adjust screw. Made in USA.

3-1/8” SIZE:

<table>
<thead>
<tr>
<th>P/N</th>
<th>Vertical Speed Ranges</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-310-20</td>
<td>0-2000 FPM</td>
<td>$219</td>
</tr>
<tr>
<td>8-310-30</td>
<td>0-3000 FPM</td>
<td>$219</td>
</tr>
<tr>
<td>8-310-40</td>
<td>0-4000 FPM</td>
<td>$239</td>
</tr>
<tr>
<td>8-310-60</td>
<td>0-6000 FPM</td>
<td>$259</td>
</tr>
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</table>

2-1/4” SIZE:

<table>
<thead>
<tr>
<th>P/N</th>
<th>Vertical Speed Ranges</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-210-20</td>
<td>0-2000 FPM</td>
<td>$299</td>
</tr>
<tr>
<td>8-210-30</td>
<td>0-2000 FPM</td>
<td>$299</td>
</tr>
<tr>
<td>8-210-40</td>
<td>0-4000 FPM</td>
<td>$319</td>
</tr>
<tr>
<td>8-210-60</td>
<td>0-6000 FPM</td>
<td>$319</td>
</tr>
</tbody>
</table>
**Airspeed Indicators**

Pacific Coast Avionics offers a complete selection of non-TSO airspeed indicators made specifically for experimental aircraft. Choose the airspeed range and style that best fits your needs and call us for best pricing and options.

- Available in standard 3 1/8” or 2 1/4” Round
- Single Scale MPH or Knots
- Dual Scale MPH Outside/Knots Inside
- Speed Ranges 0-100, or 20 to 300
- Colored Range Marks Available
- True Airspeeds Available

**United Instruments TSO’d Airspeeds**

Pacific Coast Avionics offers a complete selection of TSO’d airspeed indicators made specifically for certified aircraft. Choose the airspeed range and style that best fits your needs and call us for best pricing and options.

- Available in standard 3 1/8” or 2 1/4” Round
- Single Scale MPH or Knots
- Dual Scale MPH Outside/Knots Inside
- Speed Ranges 20 to 300
- Colored Range Marks Available
- True Airspeeds Available

**Turn Indicators**

Turn Indicators with power out warning indicator. 14 or 28V operation. Lighted available.

<table>
<thead>
<tr>
<th>Electric Gyro Corporation – TSO’d:</th>
<th>Electric Gyro Corporation – Non-TSO’d:</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 1394T100-7Z Turn Coordinator</td>
<td>P/N TC02E-3-2 Turn Coordinator 3-1/8”</td>
</tr>
<tr>
<td>$769</td>
<td>$449</td>
</tr>
<tr>
<td>P/N 1394T100-3Z Lighted Turn Coordinator</td>
<td>P/N TC02E-3L-2 Lighted Turn Coordinator 3-1/8”</td>
</tr>
<tr>
<td>$939</td>
<td>$559</td>
</tr>
<tr>
<td>P/N 1234T100-7TZ Turn-n-Bank</td>
<td>P/N TB02E-2-1 Turn-n-Bank</td>
</tr>
<tr>
<td>$1029</td>
<td>$1039</td>
</tr>
</tbody>
</table>

Connectors for Turn Indicators:

- P/N MS3106A-10SL-3S Connector $39

**G-Meters**

Falcon GM510 G-Meters provide the familiar analog 3-needle display showing current load, plus highest positive and negative G’s. These G-Meters are easy to reset with single push-button knob. Available in either 2 1/4” or 3 1/8”.

<table>
<thead>
<tr>
<th>Falcon GM510-2</th>
<th>2 1/4” -5g to +10g</th>
<th>$369</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N GM510-3</td>
<td>3 1/8” -5g to +10g</td>
<td>$399</td>
</tr>
</tbody>
</table>

**Flight Data Systems**

GT50 from Flight Data Systems is a 6-function G-Meter providing instantaneous +12/-10 G’s, and records the maximums. Also features full function chronometer with flight time and countdown, volt meter, optional OAT, and is 12/24v compatible.

<table>
<thead>
<tr>
<th>P/N GT-50</th>
<th>Six Function Accelerometer</th>
<th>$159</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N GT-50 OAT</td>
<td>OAT probe for GT-50</td>
<td>$29</td>
</tr>
</tbody>
</table>

**800 Chronometer**

Provides local time, GMT, Elapsed Time and Countdown.

- P/N 800-14v | $165 |
- P/N 800-14/BAT | $169 |

**877 Chronometer**

Has same functions as 800, but with LED display.

- P/N 877-14v | $455 |
- P/N 877-28v | $455 |

**811B Chronometer**

Has two LED displays with Time for Local, GMT, Elapsed, and Flight Timer.

- P/N 811B-24 | $485 |

**803 Chronometer**

Provides Local, GMT, Elapsed, and Flight Timer plus Outside Air Temp and Battery Volts.

- P/N 803-14v | $445 |
- P/N 803-28v | $445 |

**655 5-Function**

Provides OAT in F and C plus Pressure and Density altitude, and Voltage.

- P/N 655-1 Rectangular | $295 |
- P/N 655-2 2.25” Round | $295 |
The legendary Hobbs provides performance and reliability with Quartz Plus design, using a highly reliable mechanism, improved odometer gear train, and easy installation.

**STC APPROVED FOR PRIMARY INSTALLATION**

| P/N P-1000 | Digital Tachometer | $629 |

**U. M. A. INSTRUMENTS**

<table>
<thead>
<tr>
<th>TACHOMETER</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-1/4” and 3-1/8” TSO and Non-TSO’d Tachometer</td>
</tr>
<tr>
<td>Supply voltage: 12-28VDC (polarity protected)</td>
</tr>
<tr>
<td>270˚ sweep movement</td>
</tr>
<tr>
<td>Accuracy of 2% full scale</td>
</tr>
<tr>
<td>Available in either 0-3500 or 0-7000 RPM</td>
</tr>
</tbody>
</table>

Tachometer Specifications:
- Supply voltage: 12-28VDC
- 270˚ sweep movement
- Accuracy of 2% full scale
- Available in either 0-3500 or 0-7000 RPM

**TACH/HOUR METERS**

<table>
<thead>
<tr>
<th>P/N</th>
<th>Model</th>
<th>Direction of Rotation</th>
<th>Average Cruise RPM</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1-112-5023</td>
<td>RT-7</td>
<td>Clockwise</td>
<td>2300</td>
<td>$189</td>
</tr>
<tr>
<td>D1-112-5025</td>
<td>RT-11</td>
<td>Clockwise</td>
<td>2566</td>
<td>$189</td>
</tr>
<tr>
<td>D1-112-5223</td>
<td>RT-7-2</td>
<td>2-1/4” Clockwise</td>
<td>2300</td>
<td>$209</td>
</tr>
<tr>
<td>D1-112-5225</td>
<td>RT-11-2</td>
<td>2-1/4” Clockwise</td>
<td>2566</td>
<td>$209</td>
</tr>
</tbody>
</table>

**ELECTRONIC SENDER INCLUDED**

Specify mag pickup or drive port and number of cylinders

**MITCHELL AIRCRAFT PRODUCTS**

**3-1/8” Tach Hour**

**2-1/4” Tach Hour**

TSO’d to FAA Specs. Two Year Warranty.

**FLIGHT DATA SYSTEMS**

**T-30 DIGITAL TACHOMETER**

The T-30 Digital Tach fits a standard 2.25” instrument hole and has a bright LCD digital display. T-30 monitors both left and right ignition systems by connecting P-leads or electronic ignition. Automatically records flight time can save engine hours in “tach time” or actual time. T-30 is 12-28v compatible and includes prewired connector.

P/N T-30 Digital Tachometer $159*

**FC-10 FUEL COMPUTER**

The FC-10 Fuel Computer includes pre-wired harness, plus FT-60 flow transducer that can measure 0.6 to 70 GPH. FC-10 Fits standard 2.25” instrument hole and has a bright digital display. Standard features include GPH, gallons used, gallons remaining, time-to-empty, fuel needed to destination, and fuel reserve.

P/N FC-10 Fuel Computer $369*

*T-30 and FC-10 are for experimental aircraft only

**HOBBS HOUR METERS**

The legendary Hobbs provides performance and reliability with Quartz Plus design, using a highly reliable mechanism, improved odometer gear train, and easy installation.

<table>
<thead>
<tr>
<th>P/N</th>
<th>Type</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>85094</td>
<td>Hobbs Rectangle, 2-Hole Mount</td>
<td>$35</td>
</tr>
<tr>
<td>85097</td>
<td>Hobbs Round, 3-Hole Mount</td>
<td>$45</td>
</tr>
<tr>
<td>76579</td>
<td>Pressure Switch</td>
<td>$39</td>
</tr>
</tbody>
</table>

**G3/G4 COLOR ENGINE MONITOR**

The Insight G Series of engine monitors feature a multi-color display to easily separate EGT and CHT displays. CHT is displayed in green in the lower half of the cylinder column while EGT is shown in white on the top of the column. Two control knobs make the multiple screen options easy to navigate and the accuracy of the temp displays is outstanding.

The systems fit a standard 2.25” instrument hole and include EGT and CHT, fuel computer, Data Logging, and Lean/Rich of Peak Margin. The G3 adds RPM, Manifold Pressure, Oil Temp and Pressure, and OAT, and the G4 is the same as the G3, but fits into a 3 1/8” instrument hole.

P/N 610C-242 G2 4 Cylinder Engine Monitor $2849*

P/N 610C-342 G3 4 Cylinder Engine Monitor $2995*

P/N 610C-442 G4 4 Cylinder Twin Engine Monitor $3550*

*Add $180 For 6-Cylinder Aircraft

**G4 TWIN ENGINE MONITOR**

The G4 Twin displays all cylinders EGT/CHT for both engines simultaneously as well as TIT, Fuel Flow, Voltage, OAT, RPM, Manifold Pressure, Oil Temp and Oil Pressure. The multi-color display separates EGT and CHT making the system easy to use.

P/N 1210C-042 4 Cylinder System $5395

P/N 1210C-062 6 Cylinder System $5695

Add Turbine Inlet Temperature $250

**STRIKEFINDER WEATHER AVOIDANCE**

- Digital signal processing for high fidelity weather modeling
- Full-time 360˚ view makes interpretation simple
- Zoom in/out through 25, 50, 100 & 200 mile radius displays

P/N 2000L Gyro Stabilized $3695

P/N 2000LG $4495

**HORIZON INSTRUMENTS**

**INSIGHT AVIONICS**

**HOBBS HOUR METERS**

**MITCHELL AIRCRAFT PRODUCTS**

**TACH/HOUR METERS**

**FLIGHT DATA SYSTEMS**

**G3/G4 COLOR ENGINE MONITOR**

**G4 TWIN ENGINE MONITOR**

**STRIKEFINDER WEATHER AVOIDANCE**
The PAI-700 is a TSO’d/certified replacement for the traditional style whiskey compass. The easy-to-steer 360 degree presentation gives you a quick reference direction of flight. This vertical card compass reduces the often confusing “lead and lag” tendencies found in traditional compasses. PAI-700 is made in the USA and will either fit a 2.25” instrument hole, or mounts in the cockpit using one of the optional mounts.

P/N PAI-700/14 Compass, 14V Light $309
P/N PAI-700/28 Compass, 28V Light $309

LED technology offers numerous advantages over conventional Halogen and Xenon bulb based aircraft lighting technologies. LED based lighting products will easily last over 50,000 hours of continuous operation. Unlike most other light sources, LEDs do not have their lifespan reduced by on/off cycles. AeroLEDs products are designed to keep the LED junction temperatures well below their maximum rated values to ensure that the manufacturer’s rated life projections are achieved, and all of the LEDs are hard mounted to avoid stress failures. Halogen bulb landing lights typically only last 100 hours, and Xenon strobe tubes typically only last 2000 hours in the aircraft environment.

P/N 01-1160 SunTail $359
P/N 01-1160R SunTail/Red $359
P/N 11-1160 SunTail (Certified) $449
P/N 11-2200A SunBeacon-II (Red) $659
P/N 11-2200A SunBeacon-II (White) $639

Aeroleds landing & taxi lights provide more efficiency on less power and are fully self-contained. Many models (HX) feature “wig-wag” as standard.

The Pulsar series of wingtip Nav/Strobe and Nav/Strobe/Position lights are fully self-contained and are easy to retro-fit for most legacy lighting. The NS series have standard red/green nav lights with side facing strobes, while the NSP adds rear facing flashing position lights. Pulsar systems are available for experimental and certified aircraft.

P/N 01-1040 Pulsar-EXP Nav/Strobe $779
P/N 01-1180B Pulsar-NS Nav/Strobe $819
P/N 01-1180C Pulsar-NSP Nav/Strobe/Posit. $849
P/N 11-1180B Pulsar-NS (Certified) $1049
P/N 11-1181C Pulsar-NSP (Certified) $1089
P/N 11-1100 Pulsar (Certified) $1139
RAY ALLEN TRIM SYSTEMS/STICK GRIPS
Ray Allen Trim Systems are quality, electrically operated servo systems, designed for use on experimental aircraft.

<table>
<thead>
<tr>
<th>P/N</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>T2-7A-TS</td>
<td>TRIM SYSTEM w/ .7” (17 mm) Travel Servo</td>
<td>$259</td>
</tr>
<tr>
<td>T2-10A-TS</td>
<td>TRIM SYSTEM w/ 1.0” (26 mm) Travel Servo</td>
<td>$259</td>
</tr>
<tr>
<td>T3-12A-TS</td>
<td>TRIM SYSTEM w/ 1.2” (31 mm) Travel Servo</td>
<td>$279</td>
</tr>
<tr>
<td>G101</td>
<td>STICK GRIP w/ 1 PTT</td>
<td>$36</td>
</tr>
<tr>
<td>G205</td>
<td>STICK GRIP w/ 1 PTT &amp; 4 Pushbutton Switches</td>
<td>$99</td>
</tr>
<tr>
<td>G207</td>
<td>STICK GRIP w/ 1 PTT &amp; 6 Pushbutton Switches</td>
<td>$149</td>
</tr>
<tr>
<td>RS2</td>
<td>ROCKER SWITCH</td>
<td>$26</td>
</tr>
<tr>
<td>RP3</td>
<td>LED TRIM INDICATOR</td>
<td>$95</td>
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</table>

TOSTEN STICK GRIPS
Tosten stick grips are manufactured from high-impact glass filled nylon allowing a unique form-fitting “soft touch” design that fits comfortably in either hand. Choose two, four, six, or up to eight functions with the standard grip, or customize your own left-hand or right-hand military style grip. The grips are pre-wired and have a 7/16” stainless steel shaft with custom machine bushings to fit any diameter stick.

<table>
<thead>
<tr>
<th>P/N</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>CS-8ST</td>
<td>TOSTEN STICK GRIPS</td>
<td></td>
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**TEFZEL WIRE MIL 22759/16**
Tefzel hook-up wire MIL 22759/16 is the standard in the aviation industry for installation of electronics equipment.

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>P/N 22759/16-XX</th>
<th>(-100) 100' ROLL</th>
<th>(-250) 250' ROLL</th>
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<tbody>
<tr>
<td>18</td>
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<td>$18.00</td>
<td>$40.00</td>
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<tr>
<td>20</td>
<td></td>
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<tr>
<td>24</td>
<td></td>
<td>$11.00</td>
<td>$25.00</td>
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</tbody>
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**COLORED WIRE AVAILABLE IN 100 FT. ROLL IN DIFFERENT GAUGES.**
*Call for pricing and availability.*

**SHEIELDED TEFZEL WIRE MIL 27500/18**

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>P/N 27500-18-XXX</th>
<th>(-100) 100' ROLL</th>
<th>(-250) 250' ROLL</th>
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<tbody>
<tr>
<td>20</td>
<td></td>
<td>$35.00</td>
<td>$80.00</td>
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<tr>
<td>22</td>
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<td>$80.00</td>
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<tr>
<td>22</td>
<td></td>
<td>$37.00</td>
<td>$90.00</td>
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<tr>
<td>22</td>
<td></td>
<td>$57.00</td>
<td>$130.00</td>
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**COAXIAL CABLE / COAX CONNECTORS**

<table>
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<tr>
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<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>RG-58 C/U</td>
<td>$35.00/100’ Roll</td>
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<tr>
<td>RG-400</td>
<td>$2.95/ft.</td>
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<tr>
<td>RG-142</td>
<td>$4.00/ft.</td>
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<tr>
<td>P/N 31-2-RFX</td>
<td>Male UG88U BNC</td>
<td>$4.00</td>
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<tr>
<td>P/N 31-5-RFX</td>
<td>Female UG89U BNC</td>
<td>$6.00</td>
</tr>
<tr>
<td>P/N 225395-1</td>
<td>Male Crimp BNC</td>
<td>$5.00</td>
</tr>
<tr>
<td>P/N 225396-1</td>
<td>Female Crimp BNC</td>
<td>$6.00</td>
</tr>
<tr>
<td>P/N 225555-6</td>
<td>Male Crimp TNC</td>
<td>$22.00</td>
</tr>
<tr>
<td>P/N 225554-6</td>
<td>90 Male TNC</td>
<td>$36.00</td>
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<tr>
<td>P/N 9-30-10</td>
<td>Tray Mount RF Antenna Connector</td>
<td>$20.00</td>
</tr>
<tr>
<td>P/N 310043STZD</td>
<td>Snap Ring to be used with 9-30-10</td>
<td>$2.00</td>
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**FLIGHT DATA SYSTEMS**

**DIMMING SYSTEMS**
- Four Independent Channels
- 1.5 Amps per Channel
- Capable of Dimming LED Lighting
- Compact and Lightweight

<table>
<thead>
<tr>
<th>P/N</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC-40E</td>
<td>Panel Dimmers</td>
<td>$125</td>
</tr>
<tr>
<td>LC-50</td>
<td>Panel Dimmers</td>
<td>$175</td>
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</table>

**CYCLONE 21 COMPACT COOLING FAN**
- 21 CFM Air Movement
- Compact size – 3 x 3 x 1

<table>
<thead>
<tr>
<th>P/N</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>CRB6457</td>
<td>12V Model</td>
<td>$169</td>
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<tr>
<td>CRB122253</td>
<td>24V Model</td>
<td>$169</td>
</tr>
<tr>
<td>LS03-04000</td>
<td>Cooling Hose</td>
<td>$4.95/ft.</td>
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**SIGMA-TEK 1U128 VACUUM PUMP**
- Bi-Directional Drive
- Dry Air Pump
- Two Year/1000 Hr. Warranty

<table>
<thead>
<tr>
<th>P/N</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>1U128-006</td>
<td></td>
<td>$539</td>
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<tr>
<td>AA-1J7-1</td>
<td>Regulator</td>
<td>$49</td>
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<tr>
<td>RA1J7-1</td>
<td>Gyro Filter Assembly</td>
<td>$38</td>
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<tr>
<td>RA2H3-12</td>
<td>Ports: 5/8 x (2) 3/8 Hose</td>
<td>$189*</td>
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<tr>
<td>RA9D9-18-1</td>
<td>Replacement filter</td>
<td>$39</td>
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</table>

**LIGHT WEDGES**
Better, brighter and less expensive than old post lights, and far cheaper than internal lights. 14 or 28V, 2 1/4” or 3 1/8”

<table>
<thead>
<tr>
<th>P/N</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
</tr>
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<tbody>
<tr>
<td>LW20XX</td>
<td>2-1/4” No Cutout</td>
<td>$59</td>
</tr>
<tr>
<td>LW30XX</td>
<td>3-1/8” No Cutout</td>
<td>$59</td>
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<tr>
<td>LW30XXA</td>
<td>3-1/8” Cutout Lower Left</td>
<td>$59</td>
</tr>
<tr>
<td>LW30XXB</td>
<td>3-1/8” Cutout Lower Right</td>
<td>$59</td>
</tr>
<tr>
<td>LW30XXV</td>
<td>3-1/8” Vertical Speed</td>
<td>$59</td>
</tr>
<tr>
<td>LW30XXAA</td>
<td>3-1/8” Altimeter</td>
<td>$59</td>
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</tbody>
</table>

* FOR XX SPECIFY 14V OR 28V FOR LIGHTING IN P/N.

**INSTALLATION SUPPLIES**

**PANEL LIGHTING**

**WIRE/COAX & ELECTRICAL**

**TEFZEL WIRE MIL 22759/16**

**COLORED WIRE AVAILABLE IN 100 FT. ROLL IN DIFFERENT GAUGES.**
*Call for pricing and availability.*
SWITCHES/CIRCUIT BREAKERS

7277 SERIES

<table>
<thead>
<tr>
<th>P/N</th>
<th>AMP</th>
<th>PRICE</th>
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<tbody>
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<td>7277-2-1</td>
<td>1</td>
<td>$19.95</td>
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<tr>
<td>7277-2-1.5</td>
<td>1.5</td>
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<tr>
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<tr>
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W31-X2M1G SERIES

<table>
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<tr>
<td>W31-2</td>
<td>2</td>
<td>$44.95</td>
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<tr>
<td>W31-5</td>
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<tr>
<td>W31-50</td>
<td>50</td>
<td>$39.95</td>
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ALTERNATOR BREAKERS

<table>
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<tr>
<th>P/N</th>
<th>AMP</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>700-001-25</td>
<td>25</td>
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<tr>
<td>700-001-35</td>
<td>35</td>
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<td>700-001-50</td>
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<tr>
<td>ETA-60</td>
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<tr>
<td>ETA-70</td>
<td>70</td>
<td>$109.00</td>
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CESSNA SPLIT MASTER SWITCH

This versatile split master switch has been used in virtually all single engine Cessna models since 1970 and can be used in most light aircraft with single alternator systems. Left rocker normally used for alternator and right half for battery. Sold with mount.

P/N S-1994-1-1 KIT $37.95 Engraved Switch add $9.00

KEYED IGNITION SWITCHES

These fine quality switches are being used in many production aircraft such as Cessna, Schweizer, Ayers, and Air Tractor. They provide “on” and “off” electrical control of both magnetos on single engine aircraft. The key-operated switches mount from rear of panel in 7/8” diameter hole. Available with or without starter position.

P/N A-510-5 $125 Without Starter Position. Supplied with switch plate and two keys (diode not required).

P/N A-510-2 $149 With Starter Position. Supplied with switch plate and two keys (diode included).

MINIATURE BAT TOGGLE

<table>
<thead>
<tr>
<th>SPDT</th>
<th>P/N MTA-106D</th>
<th>On-None-On</th>
<th>$8.00</th>
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</thead>
<tbody>
<tr>
<td>P/N MTA-106E</td>
<td>On-Off-On</td>
<td>$9.00</td>
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</tr>
<tr>
<td>P/N MTA-206N</td>
<td>On-None-On</td>
<td>$11.00</td>
<td></td>
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<tr>
<td>P/N MTA-206P</td>
<td>On-Off-On</td>
<td>$12.00</td>
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<tr>
<td>3PDT</td>
<td>P/N MTA-306D</td>
<td>On-None-On</td>
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<td>4PDT</td>
<td>P/N MTA-406N</td>
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<td>P/N MTA-406P</td>
<td>On-Off-On</td>
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MINIATURE LOCKING BAT TOGGLE

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<th>On-None-On</th>
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<td>On-Off-On</td>
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<td>3PDT</td>
<td>P/N MTL-206N</td>
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<tr>
<td>P/N MTL-206P</td>
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<tr>
<td>4PDT</td>
<td>P/N MTL-306D</td>
<td>On-None-On</td>
<td>$29.00</td>
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<tr>
<td>P/N MTL-406N</td>
<td>On-None-On</td>
<td>$39.00</td>
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PUSHBUTTON SWITCHES

Miniature Momentary Pushbutton
P/N R-275-1571 Normally Open $6.95

Momentary Pushbutton
P/N R-275-1547 Normally Open $4.95

Miniature Momentary Pushbutton
P/N S913 SPDT $8.50 Break Before Make

Momentary Pushbutton Normally Open
P/N N-24F205 Red $6.95
P/N N-57F2616 Black $6.95

LIGHTED ROCKER SWITCHES

PCA lighted rocker switches can be custom engraved to read any message. Standard messages include: Avionics Master, Pitot Heat, Strobe Lights, Landing Lights, NAV Lights, Panel Lights, High-Low Boost, and Fuel Pump. Specify voltage when ordering.

P/N PCA-LRS DPDT ON-OFF Switch $49.95
P/N PCA-LMS SPDT ON-OFF Switch (Avionics Master) $49.95
P/N PCA-LRS-2 DPDT ON-ON Switch $49.95
P/N PCA-LRS-3 DPDT ON-ON-ON Switch $49.95
P/N PCA-AMS Avionics Master Switch $95.00
P/N PCA-BULB Switch Light Bulb $2.95
P/N VP-X PRO-WH Wiring Harness $440

CUSTOM GEAR & FLAP SWITCHES

CUSTOM FLAP SWITCH
DPDT Switch with center off. Has large machined metal, powder coated handle for flap operation. Switch features momentary operation for “Down” flap command. Placard included.

P/N PCA-FLAP SWITCH $89.95

CUSTOM GEAR SWITCH
SPDT LOCKING Switch. Has large machined metal, powder coated handle for gear operation. Placard included.

P/N PCA-GEAR SWITCH $149.00

VERTICAL POWER

Wiring your airplane is a serious project and Vertical Power makes it a lot easier. Rather than rows of circuit breakers and a mess of wiring behind the panel, VP-X is wired directly to each electrical device. Run a power wire from the VP-X to the landing light. Run a power wire to the EFIS and so on. Then just use the setup menus in the EFIS to configure your electrical system. VP-X give you full control of your electrical system and is compatible with most EFIS systems. VP-X Sport can replace up to 19 circuit breakers, while the VP-X PRO can replace up to 27.

P/N VP-X Sport Electronic Circuit Breaker System $1295
P/N VP-X PRO Electronic Circuit Breaker System $1995
P/N VP-X Sport-WH Wiring Harness $390
P/N VP-X PRO-WH Wiring Harness $440
Pacific Coast Avionics is one of the premier builders of kit panels worldwide. Avionics installations and panel fabrications are not a side line – it is what we do.

From avionics, EFIS systems, instruments, and all associated components, we provide professionally finished panels that are both beautiful and functional. We can take you through every step of the kit panel process; our expert staff will assist you with specifications and equipment selection; our fabrication/installation staff will deliver a high quality completed panel; and our service and support technicians will be available for repairs and overhaul.

For those kit builders that want to assemble their own panel but find a precision cut panel a little too difficult, we offer a metal instrument panel cutting service. We will cut your panel to your exact specifications, ready for you to assemble your panel – your way.

Design and layout of an instrument panel can be a tedious and complicated process. Our experienced designers and technicians know how to maximize available space. Our knowledge of avionics and instruments for kit panels results in practical, reliable, affordable designs. Starting with a scale panel drawing and avionics specifications, we transform your ideas into a complete drawing. As part of the design process, we can assist you with placement of items in the panel, as well as interface considerations. Once your panel is laid out, a complete quote is provided including all parts and labor listed. You know exactly what your panel will cost. There are no hidden surprises, and by having all the specialized tools and equipment, you can be sure of a proper fit and professional look to your panel.

**GLASAIR SPORTSMAN**

Garmin Dual 10" G3X Touch Displays  
Garmin Engine Monitoring System  
Garmin GTN 750 GPS/Nav/Com  
Garmin GTR 225 Com Radio  
Garmin GTX-23/ES Mode S Transponder  
Garmin GMC 305 Autopilot  
Artex ME406 406 MHz ELT  
Custom design, fabrication and finish by Pacific Coast Avionics

**VAN’S AIRCRAFT RV-7**

Dual Dynon SkyView SV-D1000 EFIS System  
Dynon Autopilot System  
Dynon SV-XPNDR-262 Remote Mode S Transponder  
Garmin aera-560 GPS w/ Panel Dock  
Garmin GMA-240 Audio Panel w/ Intercom  
Dual Garmin SL-40 Com Transceivers  
E-04 406MHz ELT  
Custom design, fabrication and finish by Pacific Coast Avionics

**VAN’S AIRCRAFT RV-10**

Advanced Flight EFIS System  
Advanced Flight Engine Monitoring  
Advanced Flight Autopilot  
Garmin GTN 650 GPS/Nav/Com  
Garmin SL-30 Nav/COM  
Garmin GMA-340 Audio Panel  
Custom design, fabrication and finish by Pacific Coast Avionics
**GARMIN**

**G3X/TOUCH EFIS SYSTEMS**

Garmin G3X Touch with its 10.6” display becomes Garmin’s largest EFIS offering for the experimental market, with touch screen user interface that is amazingly intuitive. G3X offers single, dual, or triple display options, all with PFD, engine monitoring and detailed moving map (MFD) options plus reversionary mode in the event of a display failure. G3X uses Garmin’s high speed network to integrate the displays and most of Garmin’s avionics products with a seamless interface. G3X uses the latest in GPS-aided digital ADAHRS (Air Data and Attitude Heading and Reference System) taking a fraction of the space and weight of conventional gyro-based instruments. The system integrates information from the built-in SVX synthetic vision, aviation base map, and terrain elevation database allowing you to clearly see terrain features, obstacles, waterways and airport location on high-definition screens. You can overlay IFR airways on the VFR map, or chose the Garmin FliteCharts IFR enroute mapping and approach charts with geo-referencing displays of your aircraft on the chart. You can also integrate SXM weather (subscription required) as well as ADS-B weather and traffic using the GDL-39R ADS-B Receiver. With the GTX-23/ES remote transponder, not only will you be ADS-B "Out" compliant, you will receive Traffic Information Service (TIS) alerts.

G3X Systems include GDU Display(s), GSU-25 ADAHRS, GEA-24 Engine Instrument Module, GMU-22 Magnetometer, and GTP-59 OAT Probe.

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**10” TOUCH DISPLAY PRICING**

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<td>Add SXM Weather to any above G3X Touch System</td>
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**7” TOUCH DISPLAY PRICING**

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**G3X AUTOPILOT**

- **P/N 010-01169-00** GMC 305 Autopilot Controller $750
  The GMC 305 control panel for dedicated mode control of the autopilot, in addition to providing complete redundancy in the event of display failure while providing features found in many certified systems.

- **P/N 010-01595-02** GMC 307 Autopilot Controller $1099
  The GMC-307 Autopilot Controller takes all the features of the GMC-305, but adds altitude and heading select knobs.

- **P/N 010-01068-00** GSA 28 Autopilot Servo** $750
  GSA 28 “smart” servo allows a range of autopilot capabilities similar to those provided by Garmin’s top-end flight control technology.

- **Servo install kits sold separately. Call us for your G3X harness needs!!!**

---

**G3X OPTIONS:**

- **P/N K00-00512-00** 4 Cyl Lyc/Cont Engine Sensor Kit $995
  Engine Sensor Kit for 4 Cylinder Lycoming and Continental Engines.

- **P/N K00-00513-00** 6 Cyl Lyc/Cont Engine Sensor Kit $1250
  Engine Sensor Kit for 6 Cylinder Lycoming and Continental Engines.

- **P/N K00-00514-00** Rotax 912 Engine Sensor Kit $299
  Engine Sensor Kit for Rotax 912 engines.

- **P/N 010-01071-00** GSU 25 ADAHRS $1025
  Second ADAHRS for the G3X System offering redundancy for IFR operations.

- **P/N 010-10171-10** GSU-25B Hi-Performance ADAHRS $1499
  Made for aircraft with 400 knot+ performance.

- **P/N 010-10174-10** GAP-26 Heated AOA/Pitot $299
  The GAP 26 is both a pitot tube and Angle of Attack sensor. When coupled with the G3X system, you will receive an audible and visual alert to AOA during critical phases of flight.

- **P/N 010-10174-10** GAD-27 Electrical Controller $549
  GAD-27 streamlines and enhances various configurations for taxi/landing lights, flap controls, and trim. Stabilizes voltage.

---

**Installation kits sold separately. Call us for your G3X harness needs!!!**
Garmin’s GTR 200 panel mount COM radio is designed with the experimental aircraft in mind. Offering a slim design, 10W of power, auto-squelch, 3D audio, stereo intercom, stereo music input, alert inputs, and many others, the GTR 200 is in a class of its own. Advanced integration with the Garmin G3X glass flight displays, or other compatible handhelds, the GTR 200 is able to receive a frequency and identifier to the comm standby position directly for the G3X’s waypoint page, allowing the pilot to accurately transfer those frequencies, while reducing the workload. Sunlight readable display and built-in shortcuts, with the capability for up to 20 stored frequencies, the GTR 20 is easy to install. The units are, 14V or 28V compatible and offers 25kHz channel spacing. GTR 20 is a remote version of the GTR 200 and is controlled remotely through the G3X.

**GTR 200 Panel-Mount (non-TSO’d)**

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GARMIN GMA 240 AUDIO CONTROL PANEL W/INTERCOM

Designed for experimental and light sport (LSA) aircraft, the versatile GMA 240 audio panel brings flexibility and functionality to the cockpit at an affordable price. This non-TSO’d audio panel comes with many of the popular control and indication features found on the GMA 340, while excluding those functions not used in experimental and LSA operations. It includes a 4 place stereo intercom system and support for 2 stereo music inputs. It supports dual COM, NAV and AUX audio inputs. In addition, 3 unswitched audio alert inputs are provided for connection to external warning tones. The GMA 240 has a full-duplex telephone interface with intercom isolation for private telephone calls by the pilot or multi-party calls with crew and passengers.

**GTX 23/ES Remote Mount Mode S Transponder**

Designed exclusively for installation with Garmin’s G3X electronic flight display system in light sport and experimental aircraft, the GTX 23/ES is an affordable, full featured remote digital transponder for Mode S traffic surveillance. With Extended Squitter built-in, the GTX 23/ES provides ADS-B compliance when paired with GTN or GNS series avionics, providing aircraft flight ID, position, altitude, velocity, climb/descent, and heading information. In addition to TIS traffic capability, the GTX 23/ES features 250W power output, auto standby and easy entry squawk codes using controls on your G3X displays. The remote mount ability saves valuable panel space and because of the solid-state design, the unit offers low power consumption and heat emissions giving you extra-long service life.

**GDX 39R ADS-B Receiver**

A remote mount version of the GDL 39, the GDL 39R, provides subscription-free U.S. weather and traffic information, complete with TargetTrend relative motion, to your experimental or light sport aircraft’s G3X flight display. It can also wirelessly connect to two other devices - such as a Garmin aviation portable or mobile device running the Garmin Pilot app.

**G3X TOUCH PANEL PACKAGES**

- Dual 10” Touch Displays
- GTN 750 GPS/NAV/COM
- GMA 35 Remote Audio Panel
- GNC 255A NAV/COM

**EIS Module (Engine Information)*
- GTX 23/ES Remote Transponder
- GCM 305 Autopilot w/Servos
- GDL 39R ADS-B Receiver
- Wiring Harnesses

**PACKAGE PRICE**

$36,490

*Engine Sensor Kit Sold Separately

- Dual Display - 10” and 7”
- GMA 340 Audio Panel
- GND 650 GPS/NAV/COM
- GTR 200 COM Radio

**EIS Module (Engine Information)*
- GTX 23/ES Transponder
- (2) GSA 28 Autopilot Servos
- GDL 39R ADS-B Receiver
- Wiring Harnesses

**PACKAGE PRICE**

$26,490

*Engine Sensor Kit Sold Separately
SKYVIEW

The New SkyView from Dynon is the next generation of high performance EFIS displays and feature very bright, high resolution screens and advanced synthetic vision technology. Easy to use controls for EFIS functions, plus optional interfaces for the Dynon EMS Engine Monitor providing split screen PFD and EMS display, and Dynon Autopilot. Autopilot controls are through SkyView so no remote controller is necessary. SkyView is one of the most capable EFIS systems available now with touch capability.

SKYVIEW OPTIONS:

- P/N SV-ADAHRS-200  Attitude/Heading/Air Data (Primary) $1175
- P/N SV-ADS-470  ADS-B Receiver $975
- P/N SV-EMS-220-4  4 Cylinder EMS Package $1225
- P/N SV-EMS-220-6  6 Cylinder EMS Package $1410
- P/N SV-MAP-270  SkyView Mapping Moving Software $485
- P/N SV-GPS-250  SkyView GPS Module $195
- P/N SV-BAT-320  SkyView Back-Up Battery $175
- P/N SV-XPNDR-262  Remote Mode S Transponder w/ TIS Traffic $1689
- P/N SV-ARINC  ARINC-429 Adapter Module $459
- P/N 100854-000  SV32 Standard Autopilot Servo $735*
- P/N 101058-000  SV42 Heavy Duty Autopilot Servo $735*
- P/N SV-KNOB-PANEL  SkyView Control Panel $245

* Servo Mounts Not Included - Please call with type of aircraft

AUTOPILOT CONTROLLER

- Dedicated button for each autopilot function
- Rugged, good tactile feel knobs
- Includes Trim control Superior Pilot Interface
- Backlit markings
- Makes advanced autopilot features clear and present for easy control.

Vertical and Horizontal versions

P/N SV-AP-PANEL/V  Autopilot Controller $539
P/N SV-AP-PANEL/H  Autopilot Controller $539

ELECTRONIC FLIGHT INFORMATION SYSTEMS

Featuring 10 Flight Displays: Attitude, Heading, Airspeed, VSI, Turn Coordinator, Clock/Timer, G-Meter, Volts, Altitude Encoder, HSI/NAV Display (D-10A and D-100) and 25 user defined checklists.

P/N EFIS-D6  4” EFIS Primary Flight Display $1550
P/N EFIS-D10A  4” EFIS Primary Flight Display $2150
P/N EFIS-D60  7” EFIS Primary Flight Display $1650
P/N EFIS-D100  7” EFIS Primary Flight Display $2550
P/N FlightDEK-D180 (4 Cylinder) $3935
P/N FlightDEK-D180 (6 Cylinder) $4135

DYNON EFIS/EMS/FLIGHTDEK OPTIONS:

- P/N 100096-000  Li-Ion Back Up Battery (D10A/D100/FlightDEK) $130
- P/N 100323-000  Remote Compass (D10A) $100
- P/N 100433-001  OAT Probe (D10A/D100/FlightDEK) $65
- P/N 100425-000  Wiring Harness (D10A/D100/FlightDEK) $90
- P/N 100362-000  Encoder Converter Module (D10A/D100/FlightDEK) $80
- P/N 100141-000  AOA/Pilot Probe (unheated) (D10A/D100/FlightDEK) $200
- P/N 100667-000  AOA/Pilot Probe (heated) (D10A/D100/FlightDEK) $450

EFIS, Engine Monitors & Autopilots are for Experimental Aircraft Only

SV-GPS2020 ADS-B WAAS GPS

The SV-GPS-2020 GPS Receiver/Antenna from Dynon lets SkyView EFIS owners customers add a 2020-compliant GPS position source for ADS-B Out. When combined with Dynon’s SV-XPNDR-261 Mode-S transponder, SkyView customers meet all the transponder and ADS-B Out requirements. GPS-2020 is an easy drop-in replacement for the SV-GPS-250.

P/N SV-GPS-2020  2020 ADS-B Compliant GPS $585

SV-COM-C25

By integrating with the Dynon SkyView EFIS, the SV-COM-C25 COM radio can send frequencies from the SkyView map airport page, or by the standard tuning knob. SkyView will identify the airport as you manually tune to ensure accuracy. Features include dual frequency watch, active/standby display, and auto-dimming backlight display. Available in horizontal or vertical configuration.

P/N SV-COM-C25/V  Vertical Mount COM Radio $1259
P/N SV-COM-C25/H  Horizontal Mount COM Radio $1259

8.33 Spacing Option for Use in Europe:

P/N SV-COM-X83/V  Vertical Mount COM Radio $2195
P/N SV-COM-X83/H  Horizontal Mount COM Radio $2195
P/N SV-INTERCOM  Intercom $290

DYNON POCKET EFIS

The D2 Pocket EFIS is a real, portable attitude indicator that can be used by ALL pilots. The Pocket EFIS utilizes the same reliable AHRS technology as the popular D10A and D6 EFIS systems, plus a built-in high quality GPS receiver to provide ground speed, altitude, vertical speed, turn coordinator, and ground track. Added G-Meter and Wi-Fi GPS also outputs to an iPad, tablet, or smartphone. With over four hours of battery life the D2 can be used with no connection to ships power, and a DC power cable is included to run the unit at all times while charging the battery. Unit also includes a RAM suction mount and a 3 1/8” instrument hole “pinch” mount.

P/N 102086-000  D2 Pocket EFIS w/G-Meter and Wi-Fi $995
The dynamic performance of the entire line of TruTrak autopilots is superior to that of any turn coordinator-based system. As a result of digital design, a TruTrak autopilot can easily be configured in flight and comes with a built in slaved DG and associated direction selector. TruTrak autopilots can fly a wide range of aircraft from KitFox to Lancair IV to L39 jet because the gyroscopic rate sensors are installed so as to sense motion about each of the major axis (roll, pitch and yaw). These sensors generate the fast signal responses needed to create an autopilot with the best possible dynamic performance.

The Pro-Pilot is a two axis autopilot designed for precise navigation and altitude control. The vertical NAV feature provides altitude control, climb/descent functions with airspeed limiting, altitude pre-select, and climb/descent on airspeed. Other features include adjustable turn rate, GPS roll steering and vertical steering, built-in turn coordinator, and back-up battery. Basic operation is as easy as “turn it on and push the button” and the bright LED display a clear picture of functions and displayed data.

The Pro-Pilot is a two axis autopilot designed for precise navigation and altitude control. The vertical NAV feature provides altitude control, climb/descent functions with airspeed limiting, altitude pre-select, and climb/descent on airspeed. Other features include adjustable turn rate, GPS roll steering and vertical steering, built-in turn coordinator, and back-up battery. Basic operation is as easy as “turn it on and push the button” and the bright LED display a clear picture of functions and displayed data.

### Advanced Options:
- **AF-Autopilot** Autopilot Option: $2290
- **P/N 71300** Engine Interface Board: $475
- **P/N AF-Map** Moving Map Software: $475
- **P/N AF-4 CYL** Engine Sensor Kit: $1129
- **P/N AF-6 CYL** Engine Sensor Kit: $1329
- **P/N 73120** GPS-2020 WAAS GPS: $585
- **P/N AF-Rotax** Engine Sensor Kit: $715
- **P/N 74109** Mode S Class 1 Trans: $2150
- **P/N AF-AOA** Angle-of-Attack Kit: $795
- **P/N 71400** ARINC Adapter: $475
- **P/N 74112** ADS-B Receiver: $875
- **P/N AF-AOA** Angle-of-Attack Kit: $795
- **P/N AF-4 CYL** Engine Sensor Kit: $1129
- **P/N AF-6 CYL** Engine Sensor Kit: $1329
- **P/N 73120** GPS-2020 WAAS GPS: $585

### Advanced Flight Systems
Advanced Flight is advanced flexibility. Any of the AFS touch screens can be configured as an EFIS, Engine Monitor or both if hardware modules are installed in the same screen. Connect an EFIS screen with an Engine Monitor screen using the Advanced Avionics Bus and you can display the EFIS, Engine Monitor, or both on either screen. You can even connect an EFIS/Engine Monitor screen with an EFIS screen giving you a system with multiple Attitude Heading Reference Systems (AHRS). The optional Angle-Of-Attack module can be added to the screen giving you our superior and proven AOA technology on the EFIS display. For even more capability, weather can be displayed from the optional XM or ADS-B receiver and traffic from the Advanced Flight remote Mode S Transponder or Garmin GTX330 Transponder, GDL-39 ADS-B Receiver or the NavWorkx ADS-B receiver.

### Trio Avionics Autopilots
The Pro-Pilot is a two axis autopilot designed for precise navigation and altitude control. The vertical NAV feature provides altitude control, climb/descent functions with airspeed limiting, altitude pre-select, and climb/descent on airspeed. Other features include adjustable turn rate, GPS roll steering and vertical steering, built-in turn coordinator, and back-up battery. Basic operation is as easy as “turn it on and push the button” and the bright LED display a clear picture of functions and displayed data.
Now, a wireless sync is easier than you’d think.
With Garmin G3X™ Touch.

The newest G3X™ Touch displays now feature built-in Connext™ wireless link capability that lets you stream information to/from your Apple iPad® (or other compatible mobile devices) via Bluetooth®. This means you can use your Garmin Pilot™ app to do advance flight planning on your iPad – and then quickly upload the waypoints into your G3X integrated flight deck system once you’re at the airport. On the flip side, you can also use the link to stream subscription-free weather and traffic from an ADS-B datalink* – as well as G3X-based backup attitude and rock-solid GPS input – onto your iPad for added situational awareness in flight. You can even use the link to view and wirelessly control Garmin’s VIRB® Elite action camera*. So you can record, upload and relive your aerial adventures in awesome HD video.

To learn more, visit our website: Garmin.com/experimental

*Sold separately. NOTE: Weather displays in photo above are simulated and enhanced to illustrate wireless streaming capability.
YOUR SILENT PARTNER

EDM-960 TWIN
Certified as Primary, One Screen, 30 functions per engine. Only three wires from engine to cockpit. Logs all engine data. The 960 can open up space in your panel, allowing precise engine management.

EDM-930
Certified Primary, One Screen with 30 Functions. Records engine data and location. With the 930 on board, you can remove all of your old engine gauges and open up valuable panel space.

EDM-900
Certified Primary, 3.1” Mount, One Screen. Over 30 Functions. Records flight data. The EDM900 can be placed vertically or horizontally.

EDM-830
The EDM-830 is an advisory instrument with all the functions of the above primary instruments. 3.1” Mount is offset to allow a vertical or horizontal fit in any panel.

EDM-700
EDM-800 Plasma Display with up to 9 Cylinders EGT/CHT and Fuel Flow

FS-450
Fuel Flow Stand Alone with Turbine FF Transducer

JPI
Technology that works.

SALES: 1-800-345-4574 | 714-557-3805 | FAX: 714-557-9840
www.jpinstruments.com
**D2 BRAVO PILOT WATCH**

Every pilot needs a backup plan and the D2 Bravo is a smart one. D2 Bravo boasts a high-Sensitivity GPS receiver, altimeter with adjustable baro setting and a 3-axis compass with HSI course indication. The bright, full-color Garmin Chroma Display™ features LED backlighting for great visibility in all lighting conditions. With its distinctive leather strap, stainless steel bezel and reinforced composite housing, the D2 Bravo's stylish good looks promise extra-rugged durability as well. Using its built-in worldwide airport database, the D2 Bravo lets you access either of the signature Direct-to and Nearest routing functions by simply pressing dedicated buttons. So, you can fly straight to the location or waypoint of your choice — or find the nearest airport if you need to land quickly. You can view your route on a basic moving map display, and keep track of airport weather with METAR reports. To aid in situational awareness, you can assign customizable data fields to display GPS groundspeed, GPS track, distance from waypoints/airports, estimated time enroute, bearing, glide ratio and other useful flight parameters. There’s also a handy altitude alerting feature that can be set to notify you when reaching or leaving a preselected altitude. D2 Bravo can also be the remote controller for the virb XE camera via wi-fi.

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<tr>
<td>010-01040-30</td>
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**BIGGER IS BETTER WITH GPSMAP-696**

The GPSMAP-696 is a value-priced portable MFD. The bright, crisp, 7” diagonal screen provides a full range of features not possible on smaller units, including: split screen panel page with full map, a high resolution terrain page with high contrast 2D depiction along with a vertical profile of terrain along your route of flight, and so much more. The GPSMAP-696 also features Victor airways, jet routes, and Garmin’s electronic FlightCharts®, which enable the GPSMAP-696 to display IFR approach charts and function much like a Class I or Class II Electronic Flight Bag, thereby reducing the use of paper in the cockpit.

With the optional SXM weather, you have instant access to NEXRAD, winds aloft, cell movement, echo tops, METARs, TAFs, icing potential, and turbulence forecasts. Industry leading features including: Smart Airspace, AOPA Airport Directory data (US only), Towers & Obstructions (US and Europe), SafeTaxi™ Airport runway/taxiway diagrams (US only) and 5 Hertz GPS updates.

The unit does not come with the XM antenna. Purchase either the GXM42 XM Antenna or the GDL-39 ADS-B receiver for weather capabilities.

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**ACCESSORIES:**

- P/N 010-01173-00 GXM-42 SiriusXM Receiver (aera 510/560)  $599
- P/N 010-11689-05 GDL39 ADS-B Traffic Receiver  From $599
- P/N 010-11689-245 GDL-39/3D  $849

**aera ® 796 TOUCHSCREEN GPS w/ 3D-VISION**

Garmin’s most visionary portable GPS yet, the aera 796 features a unique 3DVision perspective view of the topography beneath your aircraft. With a choice of portrait or landscape orientation, the aera 796’s “Virtual Reality” flight graphics can be framed with GPS-derived indications of ground track, altitude, groundspeed, vertical speed, and turn indication — all updated 5 times per second. The large 7-inch hi-res touchscreen brings tap-and-go simplicity to navigation. And geo-referenced FliteCharts, IFR Enroute Charts, VFR Sectional Charts, SafeTaxi diagrams, AOPA Airport Directory, and more, all come pre-loaded! A built-in digital document viewer expands the unit’s utility as an electronic flight bag (EFB), letting you view an entire approach at a glance. You can add airways, satellite weather with NEXRAD, and XM audio entertainment. The aera 796 is the future in your flight bag. The aera 796 also has Bluetooth capability to receive weather and traffic data from Garmin’s GDL-39 portable ADS-B.

*This Unit does not come with XM Antenna. Purchase either the GXM42 XM Antenna or the GDL-39 ADS-B receiver for weather capabilities.*

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**ACCESSORIES:**

- P/N 010-01173-00 GXM42 SiriusXM Receiver (aera 510/560)  $599
- P/N 010-11689-05 GDL39 ADS-B Traffic Receiver  From $599
- P/N 010-11689-245 GDL-39/3D  $849
aera® 660

Garmin aera® 660 is a powerful, portable aviation navigator with built-in GPS and 5-inch sunlight-readable touchscreen display with the latest Garmin technology, right in the palm of your hand. It offers dynamically drawn mapping and rapid, reliable GPS and GLONASS satellite acquisition, and it puts the latest Garmin technology, including 3D Vision that shows terrain, obstacles, and traffic, Direct-to navigation and nearest airport, vertical navigation (VNAV) guidance, Smart Airspace™ and WireAware™ wire-strike avoidance technology and much more. Plus, it even wirelessly accesses your Connext™-capable Garmin avionics to display subscription-free ADS-B weather and advanced traffic, while also providing Class U/I electronic flight bag functions, control of Garmin VIRB® action cameras, Wi-Fi® database downloading and even affordable database pricing for the U.S., Canada, and Mexico.

Key Features:
• 3D Vision perspective view shows terrain, obstacles, airport environment, optional traffic, nearest airport, and more
• Intuitive and simple touchscreen operation and a single power button make getting around the display a cinch
• Cut the cord and database prices with Wi-Fi® database downloading as well as more affordable Garmin Navigation Database for operations in the U.S., Mexico, and Canada

Garmin aera® 660 is a powerful, portable aviation navigator with built-in GPS and 5-inch sunlight-readable touchscreen display with the latest Garmin technology, right in the palm of your hand. It offers dynamically drawn mapping and rapid, reliable GPS and GLONASS satellite acquisition, and it puts the latest Garmin technology, including 3D Vision that shows terrain, obstacles, and traffic, Direct-to navigation and nearest airport, vertical navigation (VNAV) guidance, Smart Airspace™ and WireAware™ wire-strike avoidance technology and much more. Plus, it even wirelessly accesses your Connext™-capable Garmin avionics to display subscription-free ADS-B weather and advanced traffic, while also providing Class U/I electronic flight bag functions, control of Garmin VIRB® action cameras, Wi-Fi® database downloading and even affordable database pricing for the U.S., Canada, and Mexico.

Key Features:
• 3D Vision perspective view shows terrain, obstacles, airport environment, optional traffic, nearest airport, and more
• Intuitive and simple touchscreen operation and a single power button make getting around the display a cinch
• Cut the cord and database prices with Wi-Fi® database downloading as well as more affordable Garmin Navigation Database for operations in the U.S., Mexico, and Canada

aera® 500 GPS

Garmin’s most affordable portable GPS, aera 500 combines the best in moving-map display features with intuitive, menu-driven touchscreen control. Featuring a crisp 4.3-inch QVGA wide-format touchscreen and preloaded graphical mapping, this versatile, feature-rich navigator comes ready for takeoff, right out of the box. A database-driven terrain advisory feature offers TAWS-like color coding and pop-up alerts when possible obstructions or ground proximity conflicts loom. And with terrain/obstacle data shown at standard 30 arc-second resolution, you’ll enjoy a surprising level of detail on the display. Its graphical Terrain page offers both overhead and vertical profile views of the topography you’re flying over. IFR map mode lets you display and navigate on high or low enroute airways. You can also pull up MEAs (Minimum Enroute Altitudes) and distances between intersections by touching the airway on the map. When you get to your destination, aera 500 quickly turns into an automotive GPS with full voice commands to help you get where you’re going.

P/N 010-00836-00 aera 500 Portable GPS $599
ADS-B is one of the most important parts of the FAA’s plan to transform air traffic control from the current radar-based system to a satellite-based system. ADS-B uses GPS signals along with ground transmitters to send weather (FIS-B) and traffic information (TIS-B) to ADS-B receivers. Using Bluetooth and Wi-Fi technology, these receivers display ADS-B information on iPad, iPhone, and various Android products.

**GARMIN GDL-39/3D**

The GDL-39 3D combines a dual-link ADS-B receiver, Garmin’s industry-leading GPS receiver, and attitude sensor into a single unit that streams ADS-B traffic, subscription-free weather, and attitude allowing for Synthetic Vision that displays seamlessly to an iPad, iPhone, or Android device using the Garmin Pilot™ app. Free weather services are continuously broadcast on the 978 MHz UAT uplink providing information similar to basic satellite based weather subscriptions. Free weather services include NEXRAD imagery, METARs, TAFs, winds and temperatures aloft, SUA status, PIREPs, NOTAMs and more. The GDL-39 3D will also display ADS-B weather on the popular Garmin aera 500 series of portable GPS, as well as GPSMAP-695/696 and aera 795/796 GPS. GDL-39 3D can even transmit the data to two devices simultaneously! Pilots can also receive ADS-B traffic information and alerts to help identify potential traffic conflicts. In addition to the ability to receive traffic data from TIS-B ground stations, the dual-link GDL-39 3D offers direct air-to-air ADS-B reception on both ADS-B frequencies (1090 ES and 978 UAT), to provide a more comprehensive view of potential flight path conflicts. The GDL-39 offers the same capabilities minus the attitude sensor.

<table>
<thead>
<tr>
<th>P/N</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>010-11689-20</td>
<td>GDL-39 3D (Unit Only)</td>
<td>$849</td>
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<tr>
<td>010-11689-24</td>
<td>GDL-39 3D w/DC Cable</td>
<td>$849</td>
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<tr>
<td>010-11689-27</td>
<td>GDL-39 3D w/DC Cable and Battery</td>
<td>$899</td>
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<tr>
<td>010-11689-04</td>
<td>GDL-39 for iPad</td>
<td>$599</td>
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<tr>
<td>010-11689-00</td>
<td>GDL-39 (Unit Only)</td>
<td>$599</td>
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<tr>
<td>010-11689-01</td>
<td>GDL-39 for GPSMAP-695/696</td>
<td>$599</td>
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<tr>
<td>010-11689-03</td>
<td>GDL-39 for aera 500 Series</td>
<td>$599</td>
</tr>
<tr>
<td>010-11689-04</td>
<td>GDL-39 with Power/Data Cable</td>
<td>$599</td>
</tr>
<tr>
<td>010-11689-05</td>
<td>GDL-39 for aera 795/796</td>
<td>$599</td>
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</table>

**ACCESSORIES: GDL-39 PORTABLE ADS-B**

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<thead>
<tr>
<th>P/N</th>
<th>Description</th>
<th>Price</th>
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<tr>
<td>010-11688-00</td>
<td>Rechargeable Lithium-ion Battery</td>
<td>$99.00</td>
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<tr>
<td>010-11687-00</td>
<td>Mount</td>
<td>$49.00</td>
</tr>
<tr>
<td>010-10718-02</td>
<td>Carrying Case</td>
<td>$19.99</td>
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</table>

**VIRB XE ACTION CAMERA**

The VIRB XE records high-contrast, undistorted high-definition video at up to 1440p30 resolution, and it allows you to easily adjust resolution and frame rate right from the viewfinder. It even captures crisp, dramatic slow-motion video, while offering a variety of professional-level image-quality controls and VIRB XE is a high-powered digital photo camera, too; shoot 12 megapixel images at speeds up to 30 frames per second — and capture photos even while recording video. VIRB XE can also be set to automatically capture photos over long periods of time at intervals of up to 120 seconds apart. VIRB XE was engineered for easy operation with a 1-touch record switch on the top of the camera and a dedicated shutter button for still photos in the same place. The solid click of the switch makes it easy to know that you are recording, even if you’re wearing gloves. And VIRB XE begins recording the moment you flip the switch, even if the camera is off. And it’s bundled with accessories that make it ready to take flying, right out of the box.

VIRB XE offers wireless connectively, so you can control it right from your wrist using D2™ series of pilot watches or G3X Touch flight display. Quickly turn the camera on and off, record video and snap still pictures. Wi-Fi® connectivity also means you can control the camera from your tablet or smartphone — especially useful if you’re already flying using the Garmin Pilot app. VIRB XE contains gyro-based motion sensors to detect camera movements and to help keep your shot steady, and electronic image stabilization reduces camera shake and blur on bumpy flights.

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<tr>
<th>P/N</th>
<th>Description</th>
<th>Price</th>
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<tr>
<td>010-01363-11</td>
<td>VIRB XE Action Camera</td>
<td>$399</td>
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<tr>
<td>010-01088-30</td>
<td>VIRB XE Action Camera Aviation Bundle</td>
<td>$499</td>
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**ACCESSORIES:**

- P/N 010-12256-03 Bar/Tube Mount $23.95
- P/N 010-12256-09 Suction Cup Mount $22.95
- P/N 010-11256-11 Prop Filter $46.95
- P/N 010-11256-21 Headset Audio Cable $22.95

**BLUETOOTH GPS RECEIVERS**

Garmin GLO brings Garmin’s industry-leading GPS technology to your iPad, iPhone, or Android device via Bluetooth. GLO not only uses the US GPS satellites, but also the GLONASS GPS system for 20% faster GPS lock-on and better accuracy — worldwide. The device features up to 12 hours of battery life to keep your position on even the longest of flights, and charging GLO between uses is a cinch with the included USB cable or 12/24 Volt cigarette lighter adapter. The GLO also includes anti-skid mount.

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<tr>
<th>P/N</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>010-01055-00</td>
<td>GARMIN GLO</td>
<td>$129</td>
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</table>
**Dual XGPS150A & XGPS160 Bluetooth GPS**

This Bluetooth GPS Receiver works with all EFB apps on iPad and Android tablets. The WAAS GPS works great whether you’re flying a home-built RV or 787. XGPS-150A includes a non-slip dash mount pad and is very simple to use. There is a quick setup process that includes pairing your device with the Receiver. Once this is done, the Receiver will automatically connect to the device it was last paired with.

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<tr>
<th>P/N</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>XGPS-150A</td>
<td>Bluetooth GPS Receiver</td>
<td>$99.99</td>
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<tr>
<td>XGPS-160A</td>
<td>Bluetooth GPS/GLONASS Receiver</td>
<td>$149.99</td>
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</tbody>
</table>

**XGPS-190 ADS-B/GPS RECEIVER w/AHRS**

The Dual XGPS-190 enhances your situational awareness and safety by providing subscription free ADS-B traffic and weather, GPS position, and AHRS information—all by Bluetooth, and works with most aviation apps. Weather information includes NEXRAD radar imagery as well as NOTAMs, METARs, TAFs, PIREPs, TFR’s, winds aloft and other valuable in-flight weather services. Air traffic information is obtained from ATC radar and broadcast from ground radio stations to help find nearby aircraft traffic. The XGPS190 also receives position reports directly from a nearby aircraft operating ADS-B Out transponders on 978 MHz and/or 1090 MHz frequencies.

The AHRS feature provides important backup attitude information including roll, pitch, yaw and magnetic heading, to support the synthetic vision feature in EFB and tablet apps. The XGPS190 wirelessly sends GPS, AHRS and ADS-B data via Bluetooth to up to two devices simultaneously. The XGPS190 has a built-in rechargeable battery that lasts for up to 5 hours of continuous use. The included 12-30VDC cigarette lighter adapter charges the receiver (or your tablet) in a car or an aircraft. The XGPS190 can also be charged using the included wall charger.

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<tr>
<th>P/N</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>XGPS-190</td>
<td>ADS-B/GPS Receiver w/AHRS</td>
<td>$849.99</td>
</tr>
</tbody>
</table>

**iLEVIL GPS/ADS-B RECEIVERS**

The next generation of iLevil is here! and it brings exciting new features and capabilities. The iLevil2 SW combines the latest in GPS, AHRS and ADS-B technology to bring pilots an affordable backup solution that is both Android and iOS compatible. The internal GPS and AHRS provides all the navigation information you need to turn your tablet into a real glass panel. The new embedded dual band ADS-B receiver allows you to monitor weather radar, METARS, etc in addition to traffic information all at your fingertips AND without any subscription. The iLevil2 SW adds a larger solar panel, outstanding ADS-B reception, enhanced GPS sensitivity and new compatibility with your favorite apps making it the most popular product for General Aviation. If you already have an ADS-B receiver installed in the aircraft, the iLevil Sport is ideal as a back-up GPS and AHRS for iPad or Android devices.

The iLEVIL 2-AW provides dual band ADS-B weather and traffic information, GPS navigation and AD-AHRS technology, and integrates static and dynamic pressure transducers which generate indicated airspeed and pressure altitude obtained from the pitot-static system, ultimately offering a “six-pack” solution displayed on a tablet.

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<tr>
<th>P/N</th>
<th>Description</th>
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<td>P/N iLevil Sport</td>
<td>GPS w/AHRS</td>
<td>$705</td>
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<tr>
<td>P/N iLevil 2SW</td>
<td>ADS-B/GPS w/AHRS</td>
<td>$1095</td>
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<tr>
<td>P/N iLevil 2AW</td>
<td>ADS-B/GPS w/AHRS</td>
<td>$1375</td>
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**GoPro HERO4 HD CAMERA**

Now with LCD Touchscreen.

The HERO4 Silver Edition now features a built-in LCD touch display allowing you to easily frame your shots, adjust setting and playback videos and photos. Enhance connectivity with built-in WiFi and Bluetooth make it easy to watch the GoPro on your phone or tablet. Hero 4 Silver is still the most mountable, wearable and versatile GoPro ever. Hero4 Black edition offers ultra high resolution with a frame rate option of 4K30, 4x the resolution of 1080p, with 2x more powerful processor giving you 2x faster video frame rates. New Night Photo and Night Lapse allow capture of stunning images during ultra low-light situations.

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<tr>
<th>P/N</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>CHDHY-401</td>
<td>GoPro Hero4 Silver HD Camera</td>
<td>$399.99</td>
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<tr>
<td>CHDHX-401</td>
<td>GoPro Hero4 Black HD Camera</td>
<td>$499.99</td>
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**GoPro HERO4 ACCESSORIES:**

- ALCDB-303 GoPro LCD Touch BacPac $79.99
- ACMPS-301 GoPro TV Interface Cable $19.99
- AHDMC-301 GoPro HD TV Interface Cable $19.99
- AMCC-301 GoPro Mic Adapter Cable $19.99
- AHDBT-301 GoPro Rechargeable Battery $19.99
- ACMPR-001 GoPro Flex Clamp Mount $37.99
- GRBM30 GoPro Roll Bar Mount $23.99
- AUCMT-302 GoPro Suction Cup Mount $29.99
- PCA-CAMERA Headset Interface $42.99

**BEST PRICING & BEST SERVICE SINCE 1991 • SHOP ONLINE WWW.PCA.AERO**
RAM MOUNTS FOR iPAD & iPAD MINI

RAM offers the most versatile and robust aviation mounting solutions available. RAM Mounts feature a patented rubber ball and socket system that offers incredible adjustability, vibration dampening and a truly modular mounting solution. Easily mount almost any device in the precise location you need it. RAM Mounts come with a Lifetime Warranty.

**X-GRIP MOUNT**

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<thead>
<tr>
<th>P/N</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>RAM-HOL-UN8U</td>
<td>iPad Mini X-Grip Holder</td>
<td>$24.75</td>
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<tr>
<td>RAM-B-121-UN8U</td>
<td>iPad Mini Yoke Mount</td>
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<td>RAM-B-166-UN8U</td>
<td>iPad Mini Suction Mount</td>
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<td>RAM-B-177-UN8U</td>
<td>iPad Mini Glare Shield Mount</td>
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**DOCK MOUNT**

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<tr>
<th>P/N</th>
<th>Description</th>
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<tbody>
<tr>
<td>RAM-HOL-TAB11U</td>
<td>iPad Mini Holder</td>
<td>$22.55</td>
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<tr>
<td>RAM-B-121-TAB11U</td>
<td>iPad Mini Yoke Mount</td>
<td>$58.45</td>
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<tr>
<td>RAM-B-166-TAB11U</td>
<td>iPad Mini Suction Mount</td>
<td>$53.50</td>
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<tr>
<td>RAM-B-177-TAB11U</td>
<td>iPad Mini Glare Shield Mount</td>
<td>$52.75</td>
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**WE CARRY FULL LINE OF RAM MOUNTS – PLEASE CALL!!!**

**KNEEBOARDS**

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<tr>
<th>P/N</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>AS-MINI</td>
<td>AppStrap for iPad &amp; iPad Mini</td>
<td>$36.95</td>
</tr>
<tr>
<td>AS-GEL 2/3</td>
<td>Includes form fitting gel case with Velcro for attachment of adjustable leg strap.</td>
<td>$45.95</td>
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<tr>
<td>APPSTRAP 5</td>
<td>P/N AS-GEL 2/3</td>
<td>$45.95</td>
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**WING-IT STRUT MOUNTS FOR GOPRO**

Designed for Cessna wing struts, this mount is easily mounted and removed and can hold up to three cameras to capture your flights from unique and exciting views.

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<tr>
<th>P/N</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>WIMGP-01</td>
<td>WingIt Cessna Strut Mount for GoPro</td>
<td>$119</td>
</tr>
</tbody>
</table>

**AIRGIZMOS**

AirGizmos GPS panel docks are designed to fit a standard 6.25” avionics mount without external cables. The GPS can easily be removed from the dock when you want to take your GPS with you.

<table>
<thead>
<tr>
<th>P/N</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>PD24</td>
<td>iPad Mini Panel Dock</td>
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<tr>
<td>PD22</td>
<td>Panel Dock for aera 795/796 GPS</td>
<td>$169</td>
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<tr>
<td>PD16</td>
<td>Panel Dock for aera 500 Series GPS</td>
<td>$109</td>
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<tr>
<td>PD13</td>
<td>Panel Dock for GPSMAP-695/696</td>
<td>$169</td>
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<tr>
<td>PD4</td>
<td>Panel Dock for GPSMAP-196/296/396/495/496</td>
<td>$89</td>
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<td>PD7</td>
<td>Horizontal Tilt for GPSMAP-196/496/aera</td>
<td>$22</td>
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<td>PD8</td>
<td>Vertical Tilt for GPSMAP-196/496/aera</td>
<td>$22</td>
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<tr>
<td>PD5</td>
<td>Panel Dock for EKP-V</td>
<td>$119</td>
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<tr>
<td>PD12</td>
<td>Panel Dock for GeoPilot-II+</td>
<td>$119</td>
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<tr>
<td>PD9</td>
<td>Panel Cover for GPSMAP-196/296/396/495/496</td>
<td>$19</td>
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<tr>
<td>AD2</td>
<td>Aero Dock – Allows External Mount for GMX-30/40</td>
<td>$79</td>
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<tr>
<td>AC1</td>
<td>Easy-Store Wheel Chocks</td>
<td>$19</td>
</tr>
<tr>
<td>AC2</td>
<td>Adjustable External Gust Locks</td>
<td>$34.95</td>
</tr>
</tbody>
</table>
A220

Engineered for the Serious Pilot

Built upon history and innovation, Icom is proud to introduce the A220 Air Band Panel Mount Radio. The A220 shares the same great features as the celebrated A210 with additional enhancements. Automatic squelch control with manual fine tuning capability. The bright white OLED display and back-lit keys are visible in any environment. Improved connectivity using the D-SUB 25-pin connector makes for easy installation.

Engineered with the serious pilot in mind.

A220

TSO VERSION

Coming soon*

• Automatic Squelch Control
• Bright White OLED Display and Backlit Keys
• New D-Sub 25-pin Connector on Back Panel
• Easy Channel Selection
• Easy Installation

Contact PCA today.
www.PCA.aero

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*This device has not been approved by the Federal Communications Commission. This device may not be sold or leased, or be offered for sale or lease, until approval of the FCC has been obtained.
**PRO FLIGHT SIMULATOR COCKPIT**

For the ultimate in flight sim experience, the Pro Flight Simulator Cockpit brings to your home a representation of the venerable Cessna Skyhawk for use with Microsoft Flight Sim X or X-Plane. Immerse yourself in the virtual flight world by being able to tune frequencies, adjust throttle and mixture controls, set baro pressure and fly using LCD representations of the standard flight instruments that are relaying real-time information. A built-in monitor stand allows you to use any flat screen tv and computer monitor up to 32.

P/N SCB43530N002/01/1  Simulator Cockpit  $4,999.99

**PRO FLIGHT X-55 H.O.T.A.S. SYSTEM**

Inspired by controls found within actual fighter planes, the next-gen X-55 Rhino H.O.T.A.S. System for PC provides utmost control over simulated aircraft. The X-55 Rhino delivers a multitude of customizable options never before seen in an H.O.T.A.S. System. Whether flying a modern fighter, single- or multi-engine aircraft, or even a retro single-seat plane, the X-55 Rhino supplies all the control surface options required to achieve the exact level of aerial performance aspiring pilots demand.

P/N SCB432150002/02/1  X-55 H.O.T.A.S. System  $199.99

**ECLIPSE YOKE**

The Eclipse Yoke is the high-end flight yoke with built-in rudder and throttle functions. Programmable fingertip paddles allow for both rudder functions in flight sims or shift for racing games. Colored coded handles for throttle, prop and mixture, trim / scroll wheels and a three color selector dial gives you functions galore!

P/N 200-616  Eclipse Yoke  $185

**THROTTLE QUADRANT**

The CH Throttle Quadrant offers 6 axis and 12 buttons of configurable features for both multi-engine and twin-engine aircrafts. Unit includes removable knobs for customs configuration (2 blue, 2 red, and 4 black knobs included) and 6 physical detents.

P/N 300-133  Throttle Quadrant  $120

**PRO FLIGHT YOKE AND THROTTLE**

Whether your preferred plane is commercial or private, the Saitek Pro Flight Yoke with included Throttle Quadrant is a must-have for beginning and advanced flight simulation enthusiasts. Delivering realistic and precise control while enhancing muscle memory, the Yoke and Throttle Quadrant with five total axes simulate what it feels like to truly fly an aircraft. Saitek’s Pro Flight equipment is modular and interchangeable, and the Yoke anchors a comprehensive flight sim setup.

P/N PZ44  Yoke and Throttle System  $149.99

**PRO FLIGHT Rudder Pedals**

Complete your virtual pilot’s controller with the Pro Flight Rudder Pedals. Control the rudder and toe brakes of your aircraft with your feet. Adjustable, smooth action gives you optimum control and realism, and brings you even closer to the experience of flying a real aircraft. Self-centering rudder pedals with adjustable dampening with tension adjustment allow you to setup the rudder pedals for the way you fly, whether you are flying a civilian aircraft or military fighter.

P/N PZ35  Pro Flight Rudder Pedals  $139.99

**CH PRODUCTS**

**PRO PEDALS**

The CH Pro Pedals offers realistic rudder control for both flight simulators and driving games. The Pro Pedals include differential toe brakes for flight sims, and pedal chocks for driving games.

P/N 300-111  Pro Pedals  $125

**FIGHTERSTICK**

The Fighterstick USB includes 3 axis and 24 buttons, including X,Y and Z axis for aileron, elevator, and throttle control. Switch between three modes for a total of 176 programmable functions with the included Control Manager software (PC only).

P/N 200-571  Fighterstick  $125
The Phantom 3 is an easy to use, fully integrated package with an intelligent system that helps you fly. Even when flying up to 1.2 miles (2km)* away, built-in Lightbridge technology gives you complete control over your Phantom 3 and an immersive, live HD view of everything below. Now you can shoot fully-stabilized HD video from the sky, right out of the box! With a crystal-clear camera, real-time HD video display, and intuitive flight controls, what will you create? Further adding a new dimension to your experience, automatic video editing software and livestreaming capabilities let you share what you see instantly. Finally, a flying camera that packs years of experience in aerial imaging into one compact, easy to use system. With the Phantom 3 Professional, you're shooting 4K video at up to 30 frames per second and capturing 12 megapixel photos that look crisper and cleaner than ever. An enhanced sensor gives you greater clarity, lower noise, and better pictures than any previous flying camera. The Phantom 3 Professional's camera has an f/2.8 lens with a 94 degree field of view, virtually eliminating the unwanted lens distortion common in other cameras not built to shoot from the air. Built from 9 separate elements, including two aspherical elements, that reduce weight and complexity without sacrificing image quality, this lens brings the brightest, truest colors to life.

Securing and stabilizing your camera in place is DJI's trusted aerial stabilization technology. This 3-axis gimbal keeps your camera perfectly level in any flight conditions, resulting in beautiful, stable footage throughout every flight. With sensitive control sticks, dedicated buttons, and an over 1.2 mile (2km)* range, your customizable Phantom 3 remote controller gives you a completely new way to fly and interact with your Phantom. Ergonomically built to fit perfectly in your hands, your remote gives you the confidence to fly the way you want.

P/N DJIPH3-P Phantom 3 Professional $999.00
P/N DJIPH3-A Phantom 3 Advanced $799.00
P/N DJIPH3-S Phantom 3 Standard $499.00

HORIZON HOBBY BLADE CHROMA DRONE

If you’re looking for an easy way to jump into the exciting world of 4K aerial photography, this Chroma package has everything you need. Chroma captures smooth, steady aerial video in stunning 4K definition with a no-distortion camera lens that eliminates fisheye effect. Easy to fly with no experience necessary. Everything comes in one box with 30 minute flight times (Dependent on flying style and/or wind conditions.) Advanced SAFE Plus technology, Smart Mode for beginner pilots, AP Mode for experienced pilots, Autonomous Follow Me and Tracking modes and Return Home function. Live video and telemetry info on included controller display Chroma uses GLONASS and U.S. GPS for greater accuracy and reliability with a mast-mounted GPS antenna for superb signal reception.

P/N BLH8675 Chroma Drone w/CGO4 and ST-10+ $899.99
P/N BLH8665 Chroma Drone w/1080p CGO2+ and ST-10+ $599.99
P/N BLH8660 Chroma Drone w/ST10 and Gimbal for GoPro Hero $499.99
IC-A6 COM
IC-A24 NAV/COM

Simple one-handed operation is the most essential feature of the IC-A24/A6. Display is easy to see, making for fast frequency recognition. The IC-A24 features VOR bearing to, radial from, course deviation indicator. The display is bright enough for night flying and it stays on until you turn it off. The unique "flip-flop" frequency recall scrolls through the last ten channels to make channel selection fast and easy. NOAA marine weather channels are included as well as a dedicated 121.5 MHz emergency key. The IC-A6 and IC-A24 have 200 memory channels (10 banks of 20 channels) and can store up to six alphanumeric channel names. The side tone function allows you to hear your own voice through your headset when using the included headset adapter. An external DC power jack allows for the operation with the wall charger (included), or optional cigarette lighter adapter. Improved speaker output allows you to hear the radio in even the noisiest of conditions and new extra capacity batteries have been designed for your flight bag. Features include backlit display, instant channel selection, one-touch 121.5, NOAA weather channel, high speaker output, high capacity battery, automatic noise limiter, low battery indicator, Automatic Noise Limiter, Alkaline battery tray included, and adjustable mic gain. Package includes: Base charger, 121.5 button, Automatic Noise Limiter, low battery indicator, BNC antenna connection. When a VOR or Localizer frequency is selected, the NAV display shows a CDI for easy navigation, and the radio comes configured with an easy to use icon driven menu system where display and menu settings are logically configured for an intuitive user interface.

P/N IC-A6 COM $319
P/N IC-A24 NAV/COM $379

IC-A6/NM+ COM
IC-A24/NM+ NAV/COM

The IC-A6/NM and IC-A24/NM are the same packages as the above IC-A6 and IC-A24, but additionally include a BP-210N NiMH rechargeable battery providing up to 22 hours of battery life.

P/N IC-A6/NM+ $339
P/N IC-A24/NM+ $399

IC-A6 & IC-A24 ACCESSORIES:
- P/N BP-208N "AA" Battery Pack $20
- P/N BP-210N Ni-MH Battery 1650mAh $39
- P/N BP-211N Li-Ion Battery 2200mAh $59
- P/N HM173 Speaker/Mic $79
- P/N IC-CP20 Cigarette Lighter Adapter $49
- P/N FA-802AR Flexible Antenna $29
- P/N IC-LC159 Vinyl Carrying Case $29
- P/N UC1 Desktop Charger $69
- P/N CP-12L Cigarette Lighter Adapter (14V) $36
- P/N IC-PTT Push-To-Talk Switch $22
- P/N BC-167ND 240V Wall Charger $28

IC-A14 COM

The IC-A14 handheld COM transceiver features a BLT amplifier that doubles the audio output. Its compact size, and durable water resistant construction make it perfect for ground crew operations as well as a great back-up COM for your flight bag. Features include backlit display, instant 121.5 button, Automatic Noise Limiter, low battery indicator and adjustable mic gain. Package includes: Base charger, lithium-ion battery, antenna, and belt clip.

P/N IC-A14 COM $249

IC-A14 ACCESSORIES:
- P/N OPC-499 Headset Adapter $45
- P/N IC-PTT Push-To-Talk Switch $22
- P/N CP-17L Lighter Adapter $25
- P/N BP-261 "AA" Battery Pack $59
- P/N BP-232N Li-Ion Battery 2000mAh $59

FTA-750L GPS/NAV/COM

The FTA-750L is a 760 channel handheld transceiver that also features a VOR/ILS receiver, and is the only aviation handheld radio with built-in GPS! FTA-750L also features a large fully backlit and dimmable dot matrix LCD display with the resolution to easily see all of the great features the radio has to offer. It can store 200 channels in memory and uses up to 15 alphanumeric characters to easily identify those channels.

When a VOR or Localizer frequency is selected, the NAV display shows a CDI for easy navigation, and the radio comes configured with an easy to use icon driven menu system where display and menu settings are logically configured for an intuitive user interface.

P/N FTA-750L Handheld COM/NAV/ILS $395

FTA-550L/AA NAV/COM

The FTA-550 is a 760-channel handheld transceiver that also features a VOR receiver, and will even receive and display a localizer! FTA-550 also features a large fully backlit and dimmable dot matrix LCD display with the resolution to easily see all of the great features the radio has to offer. It can store 200 channels in memory and uses up to 15 alphanumeric characters to easily identify those channels.

When a VOR or Localizer frequency is selected, the NAV display shows a CDI for easy navigation, and the radio comes configured with an easy to use icon driven menu system where display and menu settings are logically configured for an intuitive user interface.

P/N FTA-550L Handheld Nav/Com (Li-Ion Battery) $349.99
P/N FTA-550AA Handheld Nav/Com (AA Batteries) $229.99

FTA-230 COM

Yaesu (formerly Vertex) has been on the cutting edge of radio design for over forty years and they are the right balance between durable construction, useful features, and styling. The FTA-230 COM features 760 channel COM and has a high speaker output, high capacity battery, automatic noise filter, split channel operation, one-touch 121.5, NOAA weather channels, and improved BNC antenna connection.

Radio includes: BNC Antenna (YHA-73), 110V charger with desktop charging cradle (PA-48B, and CD-32), NiMH battery (FNB-83), headset adapter (CT-96), Alkaline battery tray (FBA-25A), and 12V DC charging sleeve (CD-59).

P/N FTA-230 COM $229.99

YAESU HANDHELD ACCESSORIES

YAESU ACCESSORIES

YAESU HANDHELD ACCESSORIES

FTA-550/750:
- SRA-13A BNC Helical Antenna $28.00
- SBT-12 AA Battery Tray $29.00
- SBR-12Li 1800 mAh Li-Ion Battery $100.00
- SDD-11 12V Cigarette Lighter Adapter $35.00
- SAD-11V 110V AC Charger $30.00
- SAD-11C 220V AC Charger $30.00
- SSM-10A Speaker Mic $85.00
- SEP-10A Earphone $30.00
- SCU-15 Headset Adapter Cable $60.00
- SHB-11 Belt Clip $10.00

Call for Yaesu/Vertex legacy unit accessories (VXA and FTA units)
IC-A220 COM TRANSCEIVER

The IC-A220 has a bright organic light emitting diode (OLED) display with a wide 170-degree viewing angle. In addition, the auto dimmer function adjusts the display for optimum brightness for either day or night. It is fast and easy to select any of the memory channels in the IC-A220. The “flip-flop” arrow button switches between main and stand-by channels and the dual watch function allows you to monitor two channels at the same time. When connected to an external GPS receiver equipped with an airport frequency database, the frequency data such as nearby airports can be transferred to the standby side of the radio. The internal voltage converter allows easy installation in 14v or 28v aircraft.

P/N IC-A220  COM Transceiver  $1499

IC-A120M VEHICLE MOUNT

Icom's A120 air band mobile now has Bluetooth® capabilities and with UT-133 Bluetooth® unit, you can connect a third-party wireless Bluetooth® headset. The IC-A120 features a large LCD display, 760 channels with 20 memory channels, powerful 9-watt transmitter and built-in front-facing speaker. The hand microphone and wiring harness is also included for easy vehicle installation.

P/N IC-A120M  Vehicle Mount  $999
P/N UT-133  Bluetooth Adapter  $95

IC-A120B DESKTOP BASE STATION

The IC-A120B Unicom/base station has a powerful 9 watt transmitter that makes this low cost system an ideal base radio. The radio and speaker are built in one compact unit with large LCD digital display, 760 channel COM, hand microphone, and with the included remote 117V A/C power supply, you just connect an antenna for fast and easy installation.

P/N IC-A120B  Desktop Base Station  $1099

IC-A220M VEHICLE MOUNT BASE STATION

The IC-A220M is a mobile base station that includes the vehicle mounting bracket, external speaker, IC-A220M 760 channel, digital display COM transceiver, 12V DC wiring harness, and hand microphone. The powerful 7 watt transmitter ensures loud and clear ground-to-air, or ground-to-ground communications.

P/N IC-A220M  Vehicle Mount  $1699

IC-A220B DESKTOP BASE STATION

The IC-A220B is a self-contained 760 channel desktop base station ideally suited for use as an airport Unicom, or any kind of ground/air communications for commercial operators. The base station includes the powerful IC-A220B 760 channel, digital display COM transceiver, built-in speaker, power supply, and hand microphone. All you have to do is plug the base station into 110/240V outlet, connect an antenna, and the base station is ready to go.

P/N IC-A220B  Desktop Base Station  $1999

BASE STATION ANTENNAS

Building mount or ground support vehicle mount antennas for 118-136 MHz base stations.

P/N ASPR-795G  Magnetic Mount Antenna  $59
P/N ASPC-201L  Ground Vehicle Antenna  $49
P/N AV-3  Ground Vehicle Antenna  $125
P/N AV-5  Building Mount Antenna  $109

ICOM BUNDLES

PCA HEADSET/ICOM HANDHELD BUNDLES

Pacific Coast Avionics offers bundle packages with our PCA-4G headset and PCA-ANR noise cancelling headset, with the popular Icom IC-A6 handheld com and IC-A24 Handheld nav/com radios. The IC-PTT Push-to-Talk Switch is also included. For either students or professionals, these packages are a great addition to any flight bag.

P/N PCA-4G / IC-A6 Bundle  Headset/Com Package  $319
P/N PCA-ANR / IC-A6 Bundle  ANR Headset/Com Package  $469
P/N PCA-4G / IC-A24 Bundle  Headset/NavCom Package  $359
P/N PCA-ANR / IC-A24 Bundle  ANR Headset/NavCom Package  $509
PCA-ANR/BT BLUETOOTH HEADSET
Building on the well-received PCA-ANR headset, the PCA-ANR/BT now adds Bluetooth capability to an already perfected entry-level stereo/mono ANR headset, with the ability to stream music and cell phone calls. The PCA-ANR/BT also allows for automatic muting of music or cell phone calls when a radio call comes in, giving you many of the features of higher end ANR headsets for a fraction of the cost. Using two AA batteries, PCA-ANR/BT and PCA-ANR, you can expect 30-40 hours of useful life for the ANR function. With a new comfort foam ear seals, the PCA-ANR/BT provides greater comfort and higher noise suppression over our already impressive headset. A headset bag is included as a standard accessory for the PCA-ANR/BT. Passive noise reduction is 24dB with an additional 29dB when the ANR is activated.

The PCA-ANR is an impressive entry-level ANR headset for those not requiring the Bluetooth capabilities. Comes supplied with gel ear seals. Passive noise reduction is 20dB with an additional 12-14dB when the ANR is activated.

<table>
<thead>
<tr>
<th>P/N</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCA-ANR/BT</td>
<td>ANR Headset w/Bluetooth</td>
<td>$349</td>
</tr>
<tr>
<td>PCA-ANR</td>
<td>ANR Headset w/o Bluetooth</td>
<td>$249</td>
</tr>
</tbody>
</table>

**PCA-ANR ACCESSORIES:**
- P/N PA-10*  Mic Windscreen                     $2.95
- P/N PA-20*  Cloth Ear Seal Covers             $4.95
- P/N PTT   Push-To-Talk Switch                  $15.00
- P/N PCA-GEL SEAL  Silicone Gel Ear Seals     $16.95
- P/N PCA-BT SEAL  Comfort Ear Seal             $20.95

*Included With All PCA Headsets

PCA-4G
- 24dB NRR Hearing Protection
- Noise Cancelling Electret Mic
- Wide Comfort Foam Ear Seals
- Full Flex Boom
- Mic Cover & Cloth Ear Covers
- Weight 15 oz.
- 5 Year Limited Warranty

<table>
<thead>
<tr>
<th>P/N</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>PCA-4G</td>
<td></td>
<td>$89</td>
</tr>
<tr>
<td>PCA-4GH</td>
<td>Helicopter version of PCA-4G w/single plug coil cord</td>
<td>$109</td>
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</tbody>
</table>

PCA-6G
- Mono/Stereo
- 24dB NRR hearing protection
- Noise-canceling electret mic
- Dual volume control stereo
- New Full flex boom design
- Gel ear seals
- Cotton cloth ear covers
- Weight: 19 oz.
- 5 Year Limited Warranty

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<tr>
<th>P/N</th>
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<tr>
<td>PCA-6G</td>
<td></td>
<td>$119</td>
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</table>

PCA-4YB/YG
- Sized for ages 2-12
- Music Input Jack
- Extra Small Headband for Perfect Fit
- miniature All Flexible Mic Boom with Noise Cancelling Electret Mic
- Newly Designed Air-Foam Headpad
- Mic Cover & Cloth Ear Covers
- 2 Year Warranty
- Weight 11.5 oz.

<table>
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<tr>
<th>P/N</th>
<th>Description</th>
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<tr>
<td>PCA-4YB</td>
<td>Navy Blue</td>
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<tr>
<td>PCA-4YG</td>
<td>Hot Pink</td>
<td>$95</td>
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**FLIGHT HELMETS**

**INTERCOM**

PCA-4G
- 24dB NRR Hearing Protection
- Noise Cancelling Electret Mic
- Wide Comfort Foam Ear Seals
- Full Flex Boom
- Mic Cover & Cloth Ear Covers
- Weight 15 oz.
- 5 Year Limited Warranty

<table>
<thead>
<tr>
<th>P/N</th>
<th>Description</th>
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<tbody>
<tr>
<td>P/N PCA - Helmet Black</td>
<td></td>
<td>$295</td>
</tr>
<tr>
<td>P/N PCA - Helmet White</td>
<td></td>
<td>$295</td>
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</tbody>
</table>

PCA-24/400ST
- 4 Place Portable Intercom
- Dual Volume Control
- Pilot/Crew/Passenger Isolate
- Auxiliary Music Input
- 9 Volt Battery or Cigarette Lighter Operation
- Pilot & Co-Pilot Transmit Capability
- Voice Activated  • Weight 16 oz.
- Size 4.5” x 5” x 1.375”  • 5-Year Limited Warranty

<table>
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<tr>
<th>P/N</th>
<th>Description</th>
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<tr>
<td>P/N PCA-24</td>
<td></td>
<td>$119</td>
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<tr>
<td>P/N PCA-400ST</td>
<td>Stereo version of PCA-24</td>
<td>$139</td>
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**HEADSET INTERCOM PACKAGES**

**PCA PACKAGE 1**

<table>
<thead>
<tr>
<th>P/N</th>
<th>Description</th>
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<tbody>
<tr>
<td>P/N PCA PACKAGE 1</td>
<td></td>
<td>$325</td>
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</tbody>
</table>

YOU GET:
- 2 PCA-4G
- 1 PCA-24
- 1 Falcon Flight Bag
- 1 PTT Switch

**PCA PACKAGE 2**

<table>
<thead>
<tr>
<th>P/N</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N PCA PACKAGE ANR</td>
<td></td>
<td>$599</td>
</tr>
</tbody>
</table>

YOU GET:
- 2 PCA-ANR
- 1 PCA-24
- 1 Falcon Flight Bag
- 1 PTT Switch

52  | BEST PRICING & BEST SERVICE SINCE 1991 • ORDERS 800.353.0370 • INFO@PCA.AERO |
BOSE® A20 ANR HEADSET

The Bose A20 aviation headset is their most advanced pilot headset yet. Its breakthrough innovations reduce more noise and provide even greater comfort than previous models, without compromising the clear audio you expect from Bose. Plus, the A20 Aviation Headset now includes a Bluetooth audio and cell phone interface, with customizable audio controls.

Proprietary Bose innovations now use microphones both inside and outside each earcup to sense and reduce more ambient aircraft noise, making the A20 the most quiet Bose ever!

The A20 has more compact earcups and has a larger interior cavity, allowing more room for the ears, and the redistribution of headset weight means the A20 is more even more comfortable than the industry leading Bose X.

<table>
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<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>P/N 324843-3020</td>
<td>Bose A20 w/ BlueTooth/Battery Power</td>
<td>$1095</td>
</tr>
<tr>
<td>P/N 324843-3040</td>
<td>Bose A20 w/ BlueTooth/Panel Power</td>
<td>$1095</td>
</tr>
<tr>
<td>P/N 324843-3030</td>
<td>Bose A20 Helicopter w/ BlueTooth/Battery Power</td>
<td>$1095</td>
</tr>
<tr>
<td>P/N 324843-2020</td>
<td>Bose A20 Battery Power</td>
<td>$995</td>
</tr>
<tr>
<td>P/N 324843-2040</td>
<td>Bose A20 Panel Power</td>
<td>$995</td>
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<tr>
<td>P/N 324843-2030</td>
<td>Bose A20 Helicopter Battery Power</td>
<td>$995</td>
</tr>
<tr>
<td>P/N 327079-0010</td>
<td>Bose A20 Ear Seals</td>
<td>$35</td>
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<tr>
<td>P/N 327078-0010</td>
<td>Bose A20 Headpad</td>
<td>$25</td>
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<tr>
<td>P/N 327080-0010</td>
<td>Adapter 6-Pin LEMO Plug to GA Plugs</td>
<td>$50</td>
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<td>P/N 323172-0010</td>
<td>Panel Power Installation Kit</td>
<td>$35</td>
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<tr>
<td>P/N 022243</td>
<td>Bose X Headset Ear Seals</td>
<td>$25</td>
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</table>

CLARITY ALOFT AVIATION

Aloft has merged the most advanced technologies from the fields of hearing science, aviation communications, and performance audio into a streamlined design. The next generation of headset design is not just the best of the featherweight category; it’s the best of any category.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>P/N CLARITY-S</td>
<td>Stereo Headset</td>
<td>$525</td>
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</tbody>
</table>

AIRCLASSICS HS-1A HEADSET

Now with New Flex Boom Microphone! Good communications are essential for a successful flight. ASA provides this in the HS-1A with the most advanced technology, maximum comfort, high-quality components, and sleek look — all for a reasonable price! Designed, engineered, and manufactured by experts in the headset business, ASA is so confident in the quality, the HS-1A is guaranteed against defects in materials and workmanship for the life of the original owner. Protect your hearing, don’t miss any radio calls, and be certain your transmissions are heard with this feature-rich, value-priced headset.

• Gold-plated microphone and headphone plugs ensure best connection and resist corrosion
• High-grade, multi-strand wire improves cable life
• Stereo/mono capability
• Large, dual controls for quick, easy volume adjustment of each ear

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>P/N ASAH51A</td>
<td>AirClassics HS-1A Headset</td>
<td>$109</td>
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</tbody>
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OPTIONS:

<table>
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<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>P/N ASABAGHS1</td>
<td>Single Headset Bag</td>
<td>$19.95</td>
</tr>
</tbody>
</table>
ZULU PFX ANR HEADSET
Creating a new Personalized Flying Experience, the new Zulu PFX delivers proprietary innovations to deliver the quietest headset available by actively conforming to your ears, environment and personal preferences. Streaming Quiet™ dynamic ANR continuously adapts to your environment, extending the amount, consistency and frequency range of noise cancellation. Acoustic response mapping measures your unique auditory landscape, adapting the audio response to your ear shape and size for maximum noise attenuation, voice clarity and music fidelity. Personal preferences can be set using the enhanced capabilities in Flightlink, the proprietary app developed by Lightspeed.

FEATURES INCLUDE:
• Streaming Quiet™: ANR continuously adapts to your environment, providing superior noise cancellation.
• BlueTooth: Enjoy excellent clarity, music fidelity, and wireless access to aviation apps.
• Comfort: Weighs just 13.9 oz, and includes plush ear seals, and less clamping for extra comfort.
• Auto Shut-Off: Saving even more battery life by automatically shutting down the headset power when not in use.
• Durability: Constructed of silver-coated copper alloy wrapped around a Kevlar core, deliver extraordinary flexibility, strength.

ZULU.2 ANR HEADSET
A distinctive look and continuous innovation make the Zulu.2 the ultimate blend of design, technology and high performance. With patent-pending Microport Vent™ technology, the Zulu.2 offers greater ANR consistency and performance over a deep, broad range of low frequency noise. The magnesium ear cup is superior at blocking out high frequency noise and at only 13 ounces, the Zulu.2 Lightcomfort™ design includes plush ear seals, exceptional fit and 15% less side pressure. A low profile, stainless steel headband provides lightweight durability and excellent cabin clearance.

TANGO WIRELESS ANR HEADSET
The first premium wireless aviation headset, Tango blends outstanding noise cancellation, renowned Lightspeed comfort, and wireless convenience. With no cables to get in the way and critical controls — including volume and ComPriority™ — located on the headset, Tango creates an entirely new level of flying enjoyment and untethered freedom. The panel interface plugs into the aircraft jacks, is easily storable and routes communication between the headset, intercom, and auxiliary devices. Plus, as many as six Tango headsets can be used in the same aircraft. Lightspeed’s rechargeable lithium-ion batteries deliver 12 hours of continuous operation and the dual port charger can quickly charge both batteries at the same time.

SIERRA ANR HEADSET
The Lightspeed Sierra redefines performance and value in an ANR headset, with several advanced features found in much more expensive ANRs. Sierra has integrated cell phone Bluetooth interface, plus wired interface to any portable music device — and the music will automatically mute for incoming transmissions. Sierra will operate for up to 40 hours on two "AA" batteries, and the battery status indicator will let you know when the batteries are getting low. The auto shut-off feature keeps the batteries from discharging if you forget to turn the ANR off. Sierra has dual volume control, weighs 16 ounces, and includes padded headset bag, microphone windscreen, music interface cable, and Lightspeed 5 year warranty.
**DC X-SERIES ENC HEADSET**

Leading edge technology and sleek, supra aural design puts the new DC ONE-X and DC PRO-X a generation ahead of any other aviation headset in its class. They offer the perfect combination of comfort and performance, featuring feather-light yet extremely rugged magnesium alloy head band and suspension system, and a best-in-class Hybrid Electronic Noise-Cancelling technology and Bluetooth compatibility. DC ONE-X and DC PRO-X is available with either standard dual GA plugs or 6-pin lemo connector and a headset bag is included.

The new DC ONE-X headsets feature larger ear seals that fully enclose your ears for a better fit and better ANR performance.

- **P/N DC ONE-X** ENC Headset $849
- **P/N DC ONE-XP** ENC Headset w/LEMO Plug $849
- **P/N DC PRO-X** ENC Headset - AA Battery Version $695
- **P/N DC PRO** Passive Headset $347
- **P/N DC PRO-XP** ENC Headset - 6-Pin Panel Mount $735

**H20-10**

The headset of the future. Made from advanced composite material and having the most unique custom comfort feature.

- Extremely Lightweight
- Patented Headpad Suspension
- Flo-Fit Gel Ear Seals
- 22 dB
- Weights 19 oz.

- **P/N H20-10** Passive Mono Headset $344.10
- **P/N H20-10S** Stereo w/ Dual Volume Controls $350.61

**MORE DAVID CLARK HEADSETS**

- **P/N H10-00** $217.62
- **P/N H10-20** $316.20
- **P/N H10-21** $344.10
- **P/N H10-26** $332.94
- **P/N H10-36** $283.65
- **P/N H10-56** $350.61

**H10-13X ANR SERIES**

This ANR headset is based on the popular H10-13.4 with all of the reliability and comfort that made the 13.4 popular.

- Auto Shut Off
- Super Soft, Foam-Filled Pillow Headpad
- Flo-Fit Gel Ear Seals
- Battery Power Supply
- Universal flex boom with the exclusive M-7A Amplified Electret noise-canceling microphone
- 23 dB passive / 12-17 dB more active
- Weighs 17 oz.

- **P/N H10-13X** With 9V Battery Pack $664.95
- **P/N H10-13XL** With 9V Battery Pack and Coil Cord $767.25
- **P/N H10-13XP** With Panel Power Module $725.40
- **P/N H10-13HXL** With Helicopter Plug $775.10
- **P/N H10-13 Y** Cigarette Lighter Power Adapter $347.00

**H10-30**

Our “Best Value” Headset

- M-1/DC microphone, the best Amplified Dynamic microphone on the market
- Flo-Fit Gel Ear Seals
- Molded cord assembly

- **P/N H10-30** $265.98

**H10-60**

The “Top-Of-The-Line” standard headset.

- Headset Pressure Adjustment
- Noise Reduction Rating 23 dB
- Headband Size Adjustment
- M-7A Microphone
- Super-Soft, Foam-Filled Pillow Headpad
- Flo-Fit Gel Ear Seals
- The standard model with a straight cord (5') and dual plugs for fixed-wing use

- **P/N H10-60** $366.42

**HEADSET BAG**

Black ballistic nylon headset carry bag with DC Logo. Fits one headset with split front pockets for maps, pens and full width pocket in back to accommodate a clip-board, book or magazine.

- **P/N 40688G-08** $24.95

---

**DAVID CLARK ACCESSORIES**

- **P/N 40688G-36** Super Soft Headpad Kit $33.25
- **P/N 40592G-01** Sheepskin Headpad Kit $31.25
- **P/N 40062G-01** M-4 Mic Muff $3.50
- **P/N 40062G-02** M-7A Mic Muff $3.50
- **P/N 18434G-02** M-1/DC Mic Muff $4.50
- **P/N 09168P-33** M-7A Electret Microphone $75.00

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**DAVID CLARK**

Leading edge technology and sleek, supra aural design puts the new DC ONE-X and DC PRO-X a generation ahead of any other aviation headset in its class. They offer the perfect combination of comfort and performance, featuring feather-light yet extremely rugged magnesium alloy head band and suspension system, and a best-in-class Hybrid Electronic Noise-Cancelling technology and Bluetooth compatibility. DC ONE-X and DC PRO-X is available with either standard dual GA plugs or 6-pin lemo connector and a headset bag is included.

The new DC ONE-X headsets feature larger ear seals that fully enclose your ears for a better fit and better ANR performance.

- **P/N DC ONE-X** ENC Headset $849
- **P/N DC ONE-XP** ENC Headset w/LEMO Plug $849
- **P/N DC PRO-X** ENC Headset - AA Battery Version $695
- **P/N DC PRO** Passive Headset $347
- **P/N DC PRO-XP** ENC Headset - 6-Pin Panel Mount $735

**H20-10**

The headset of the future. Made from advanced composite material and having the most unique custom comfort feature.

- Extremely Lightweight
- Patented Headpad Suspension
- Flo-Fit Gel Ear Seals
- 22 dB
- Weights 19 oz.

- **P/N H20-10** Passive Mono Headset $344.10
- **P/N H20-10S** Stereo w/ Dual Volume Controls $350.61

**MORE DAVID CLARK HEADSETS**

- **P/N H10-00** $217.62
- **P/N H10-20** $316.20
- **P/N H10-21** $344.10
- **P/N H10-26** $332.94
- **P/N H10-36** $283.65
- **P/N H10-56** $350.61

**H10-13X ANR SERIES**

This ANR headset is based on the popular H10-13.4 with all of the reliability and comfort that made the 13.4 popular.

- Auto Shut Off
- Super Soft, Foam-Filled Pillow Headpad
- Flo-Fit Gel Ear Seals
- Battery Power Supply
- Universal flex boom with the exclusive M-7A Amplified Electret noise-canceling microphone
- 23 dB passive / 12-17 dB more active
- Weighs 17 oz.

- **P/N H10-13X** With 9V Battery Pack $664.95
- **P/N H10-13XL** With 9V Battery Pack and Coil Cord $767.25
- **P/N H10-13XP** With Panel Power Module $725.40
- **P/N H10-13HXL** With Helicopter Plug $775.10
- **P/N 18748G-19** Cigarette Lighter Power Adapter $347.00

**H10-30**

Our “Best Value” Headset

- M-1/DC microphone, the best Amplified Dynamic microphone on the market
- Flo-Fit Gel Ear Seals
- Molded cord assembly

- **P/N H10-30** $265.98

**H10-60**

The “Top-Of-The-Line” standard headset.

- Headset Pressure Adjustment
- Noise Reduction Rating 23 dB
- Headband Size Adjustment
- M-7A Microphone
- Super-Soft, Foam-Filled Pillow Headpad
- Flo-Fit Gel Ear Seals
- The standard model with a straight cord (5’) and dual plugs for fixed-wing use

- **P/N H10-60** $366.42

**HEADSET BAG**

Black ballistic nylon headset carry bag with DC Logo. Fits one headset with split front pockets for maps, pens and full width pocket in back to accommodate a clip-board, book or magazine.

- **P/N 40688G-08** $24.95
AKG AV100 ANR HEADSET

The AV100 premium ANR headset from legendary acoustics innovator AKG provides class-leading comfort and music quality as voted by The Aviation Consumer. Next-gen Bluetooth connectivity enables clear phone calls and superior music playback, while an additional 3.5mm AUX input allows wired connections to non-Bluetooth devices. Selectable audio priority allows the pilot to choose whether to mute the music when the intercom is active. The AV100 also boasts an industry first with built-in LED map lights in each ear cup. The package includes an installed panel power 6-pin LEMO plug and standard GA twin plugs; call for helicopter single U-174 adapter. The AV100 also ships with a headset carry case, batteries, and spare microphone windscreen.

- Better comfort with ergonomic European design
- Hybrid active noise-cancelling technology for optimum low-frequency cancellation
- Next-gen Bluetooth connectivity for the clearest hi-fi communications and music
- AUX input for additional connection options
- Map light LEDs for easy map reading during night flights

P/N AV100 ANR Headset $850

TELEX

STRATUS ANR HEADSETS

The Telex Stratus series provides some of the best ANR quality in the aviation market featuring quality and comfort. From the "smart" headset capabilities in the 50 Digital to the 30XT and the 30, all provide great comfort and clarity at a great price.

P/N STRATUS 50 DIGITAL $739
P/N STRATUS 30XT $575
P/N STRATUS 30 $482

ECHELON PASSIVE HEADSETS

Additional comfort and performance. Telex’s innovative cell phone/MP3 adapter allows you to attach both cell phone & MP3 player at the same time. No more switching cords! For inbound/outbound communication, simply mute both at a touch of a button. Features a plush, thick foam headband pad and newly designed, more comfortable ear cushions. Individual volume controls for each ear cup and a stereo/mono select switch.

P/N ECHELON 25XT $329
P/N ECHELON 20 $189

LIGHTWEIGHT HEADSETS

Weighing in at less than 4 ounces, the Airman 850 is the world’s lightest ANR headset. ANR power is provided through the mic plug so no batteries are required!

The Airman 750 is the lightest Telex passive headset available, it weighs only 2.5 oz. and there are no tubes or plugs to fit inside the ear.

P/N 301317-000 Airman 850 ANR Headset $450
P/N 64300-200 Airman 750 Passive Headset $245

SIGTRONICS

S-58 HEADSET

- Extra-Comfort Gel Seals
- Full 5 Year Warranty
- Noise Canceling Mic
- Custom Headset Bag
- Weighs 11.9 oz.

P/N S-58 Passive Headset $237
P/N S-58S Stereo Headset $267
P/N S-58H Helicopter Headset $252

SPA-400/400N/600

- FAA TSO approved
- Pilot fail safe feature allows pilot to always hear radios
- Reversible face plate included for vertical or horizontal mounting
- Size - Panel 2.5" x 1", Chassis 4" x 2.5" x 1"
- Weight - 4.5 oz. chassis, 5.5 oz. jacks & wiring harness
- Installation hardware includes jack kit & pre-wired harness

P/N SPA-400 4-Place Panel Mount Intercom $216
P/N SPA-400N 4-Place High Noise Intercom $237
P/N SPA-600 6-Place Panel Mount Intercom $252

PORTABLE INTERCOMS

- Music input
- Size - 4" x 2.9" x 2"
- Weight - 14 oz. with battery and DC power cord

P/N SPO-22 2-Place Portable Intercom $187
P/N SPO-22N 2-Place High Noise Portable Intercom $210
P/N SPO-42 4-Place Portable Intercom $210
P/N SPO-42N 4-Place High Noise Portable Intercom $252
DENALI ANR HEADSET
Extremely lightweight headset offering exceptional performance and outstanding comfort. Designed to fit more comfortably than any other aviation headset, providing excellent passive noise attenuation along with outstanding performance. Provides additional 19-21 Active Noise Reduction and is equipped with SPS – a digital power management circuit – to preserve battery life.

Weight: 13 oz.

P/N D90ANR Headset $499
P/N D50ANR Headset $399

VENTURE ANR HEADSET
Delivers comfort and performance beyond anything in its class. Super-thick ComLeather ear seals and washable thick polar-fleece head pad. With 24dB passive NRR and an additional 14-18dB ANR, noise won't prevent you from hearing radio traffic or using your MP3 and your Sat/Cell phone through the dual-input battery box. The Sure Power system shuts off ANR to preserve battery life when no audio is present.

Weight: 17 oz.

P/N V90ANR Headset $429
P/N V50ANR Headset $299

DENALI PASSIVE HEADSET
Designed to fit more comfortably and securely than any other aviation headset. Provide excellent passive noise attenuation along with reliable performance. One of the lightest aviation headsets available offering exceptional performance as well as outstanding comfort.

Weight: 11.1 oz.

P/N D30SP Standard Headset $299
P/N D30MPH Helicopter Headset $329

VENTURE PASSIVE HEADSET
Delivers top-of-the-line comfort and outstanding performance for pilots who don’t need ANR. Comes with super-thick ComLeather ear seals and washable thick polar-fleece head pad. Cockpit noise is tamed with 24dB NRR, and dual volume controls with stereo/mono switch optimize hearing.

Weight: 17 oz.

P/N V90SP Headset $229
P/N V70SP Headset $179
P/N V50SP Headset $139
P/N V30SP Headset $109

CLASSIC ANR
One of the most comfortable headsets on the market also comes with ANR noise canceling technology. The Classic ANR reduces key low frequency noise up to 40dB. Power comes from one 9V battery lasting up to 25 hours and features include comfortable polar fleece headpad, Confor Foam ear seals, dual volume controls, flexible mic boom, and noise canceling electret mic.

Weight: 18.2 oz.

P/N CLASSIC ANR Headset $329

4DLX/4DX/5DX CLASSIC HEADSETS
The popular Flightcom Classic Series of headsets represent great value in aviation headsets. With many comfortable features and quality built at an affordable price, these headsets are hard to beat.

P/N 4DX CLASSIC Headset $99
P/N 4DLX CLASSIC Headset $119
P/N 5DX CLASSIC Headset $159

IISX 2 PLACE
IISX 4 PLACE
Smart modular design keeps cockpit clutter-free. Offers Pilot Isolate for uninterrupted radio communications. Consumes 40% less power than its predecessor. Gives low battery warning, music input, modular flexibility, and an economical price.

Size: 4.25” x 2.18” x 2.31” Weight: 10.5 oz.

P/N IISX 2-Place Portable Intercom $109
P/N IISX/SR-4 4-Place Portable Intercom $139

403mc VOICE ACTIVATED INTERCOM
The smallest intercom available today. Panel size of 3” x 1-1/4” and 2” deep. The 403mc is a mono, voice activated, 2 or 4 place intercom with pilot isolate, volume & squelch controls, two position transmit capability, and music input with avionics muting on conversation and incoming transmissions. Includes mic and phone jacks.

Size: 2.625” x 2.375” x 1” Weight: 3.6 oz.

P/N 403MC Intercom w/Jacks $149
P/N 403 Stereo Intercom w/Jacks $229
P/N 403LSA 2-Place intercom w/Jacks $189
## HEADSET/INTERCOM ACCESSORIES

### Bose Panel Power Installation Kit
- **P/N:** 323172-0010
- **Price:** $60

### Military Headset Adapter
- Adapts Low Impedance to High
- **P/N:** PCA-29
- **Price:** $65

### 1. P/N PCA-21
- .206 Mic Jack
- **Price:** $8

### 2. P/N PCA-22
- 1/4" Headphone Jack
- **Price:** $7

### 3. P/N PCA-23
- .206 Mic Plug
- **Price:** $9

### 4. P/N PCA-20
- 1/4" Headphone Plug
- **Price:** $6

### 5. P/N PCA-25
- U174/U Military Plug
- **Price:** $19

### 6. P/N PCA-26
- U92A/U Military Jack
- **Price:** $19

### 7. P/N PCA-27
- Microphone Panel Jack
- **Price:** $5

### 8. P/N PCA-28
- Headphone Panel Jack
- **Price:** $5

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## FLIGHT OUTFITTERS

### Bose Panel Power Installation Kit
- **P/N:** 323172-0010
- **Price:** $60

### Military Headset Adapter
- Adapts Low Impedance to High
- **P/N:** PCA-29
- **Price:** $65

### 1. Bose Panel Power Installation Kit
- **P/N:** 323172-0010
- **Price:** $60

### Dual Headset Adapter
- **P/N:** PCA-15
- **Price:** $39

### Headset Extension 5’
- **P/N:** PCA-13
- **Price:** $39

### Helicopter Adapter
- **P/N:** PCA-17
- **Price:** $39
- Converts standard headset to helicopter
- Adapts headphone and microphone plugs via jacks to helicopter U93A/U 8” long.

### Helicopter Adapter
- **P/N:** PCA-18
- **Price:** $39
- Converts helicopter headset to standard
- Adapts a helicopter U93A/U via U92A/U to headphone and mic 8” long.

### Bose Panel Power Installation Kit
- **P/N:** 323172-0010
- **Price:** $60

### 1. Bose Panel Power Installation Kit
- **P/N:** 323172-0010
- **Price:** $60

### Military Headset Adapter
- Adapts Low Impedance to High
- **P/N:** PCA-29
- **Price:** $65

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### Military Headset Adapter
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- **Price:** $65

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## THRUST SLING PACK FLIGHT BAG

You've never seen a flight bag quite like this. The unique sling pack design protects and organizes a surprising amount of gear, but is one of the smallest flight bags you can buy. It fits comfortably between iPad and headset pockets protect your most expensive equipment, while numerous mesh pockets keep your cords organized. Includes a carry handle and a single padded shoulder strap that can be adjusted for right or left shoulder use. Pockets are provided for fuel testers, and back-up radio or water bottle.

- **P/N:** FO-THRUST
- **Price:** $79.95

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## LIFT HEADSET BAG

This sturdy bag has room for all the essentials, but won't get in your way. It includes a large headset pocket, multiple organizer sections with room for all of your accessories, and even a file folder pocket for your iPad or documents. An exterior pocket makes it easy to carry a backup radio or a water bottle. Steel-reinforced carrying handles will haul even the heaviest load, and the reinforced sides offer additional protection. Signature Flight Outfitters orange interior makes it easy to find that flashlight or pen in the dark.

- **P/N:** FO-LIFT
- **Price:** $99.95

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## FLIGHTLEVEL FLIGHT BAG

This sturdy bag has room for all the essentials, but won't get in your way. Includes a large headset pocket, multiple organizer sections with room for all of your accessories, and even a file folder pocket for your iPad or documents. An exterior pocket makes it easy to carry a backup radio or a water bottle. Steel-reinforced carrying handles will haul even the heaviest load, and the reinforced sides offer additional protection. Signature Flight Outfitters orange interior makes it easy to find that flashlight or pen in the dark.

- **P/N:** FO-FLIGHTLEVEL
- **Price:** $129.95

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## IPAD KNEEBOARDS

The new Flight Outfitters iPad Kneeboards take cockpit organization to a whole new level. Loaded with innovative, pilot friendly features, these kneeboards provide a sturdy mounting bracket for an iPad Mini or Air. The bracket rotates for both portrait and landscape orientation. How about a place to take notes or hold a cell phone? The side of the kneeboard consists of a structured pocket that, when unzipped, creates a rigid platform. This platform is sized perfectly for a small 3” x 5” notepad (included) or cellphone. Lined with soft felt, this platform holds any size of iPhone. The unique design is completely reversible for use on either leg. Heavy-duty elastic leg strap securely holds the kneeboard in place. Includes drawstring bag for storage.

- **P/N:** FO-AIR
- **Price:** $69.95
- **P/N:** FO-MINI
- **Price:** $59.95

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## PUSH-TO-TALK SWITCH

- **Price:** $15
- **P/N:** PTT
BRIGHTLINE BAGS FLEX SYSTEM

The FLEX System by Brightline bags builds on the functionality of the original Brightline pilot bag by being a collection of interchangeable modules and pockets. They allow greater freedom for the pilot to configure the bag for mission and changing requirements.

- The first personal & professional utility bags engineered as an integrated system.
- Carry more gear in a smaller space. Be more organized & have better access.
- Countless possible bags from a few basic parts.
- Add space without having to reload & repack all our gear.

You can choose from the 5 pre-configured bags below which fit the majority of pilot’s need, or build your own from the bag components.

<table>
<thead>
<tr>
<th>P/N</th>
<th>Bag Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>B0 Slim</td>
<td>iPad/Portfolio Bag. Great for carrying an iPad or laptop on your flight.</td>
<td>$96</td>
</tr>
<tr>
<td>B2 Compute</td>
<td>Perfect VFR Pilot Flight Bag. Includes shoulder strap and main handle.</td>
<td>$129</td>
</tr>
<tr>
<td>B4 Swift</td>
<td>Updated version of the B10 larger VFR Pilot Flight Bag for those longer flights and extra storage.</td>
<td>$164</td>
</tr>
<tr>
<td>B7 Flight</td>
<td>Update version of the B10 Classic with lots of additions and improvements.</td>
<td>$199</td>
</tr>
<tr>
<td>B18 Hangar</td>
<td>Storage for all of your standard gear, plus extra room for the overnight stays.</td>
<td>$319</td>
</tr>
</tbody>
</table>

JAVELIN™ 2.0’s asymmetrical design stores your gear safely no matter if the pack is sitting upright or sideways. When you swing the pack to your front, its asymmetrical design gives you easy and secure access to the inside. With its 1,000-D mil-grade Cordura® fabric coated in Dupont® Teflon protector and lockable zippers, this bag can handle any rough conditions.

<table>
<thead>
<tr>
<th>P/N</th>
<th>Bag Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>760277BK Left Shoulder - Black</td>
<td>$139.99</td>
<td></td>
</tr>
<tr>
<td>760288BK Right Shoulder - Black</td>
<td>$139.99</td>
<td></td>
</tr>
</tbody>
</table>

TRIDENT-20 backpack is the natural evolution of our successful JAVELIN™ VSlinger™ slingpack into a larger, yet more versatile backpack. You wear it like a backpack, with the option of accessing the interior from the side like the JAVELIN™, dual shoulder straps, and a removable 2” waist strap, you can now comfortably carry more gear and heavier loads.

<table>
<thead>
<tr>
<th>P/N</th>
<th>Bag Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>770120BK TRIDENT - Black</td>
<td>$139.99</td>
<td></td>
</tr>
<tr>
<td>770120CT TRIDENT - Coyote Tan</td>
<td>$139.99</td>
<td></td>
</tr>
</tbody>
</table>

The ENVOY™ 2.0 Messenger Bag continues the design of the original Messenger that was considered to be one of the best bags made for everyday carry. ENVOY™ comes with a removable shoulder strap that has been improved on both stability, ergonomics a padded main compartment fits up to a 15” laptop.

<table>
<thead>
<tr>
<th>P/N</th>
<th>Bag Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>650130BK ENVOY - Black</td>
<td>$139.99</td>
<td></td>
</tr>
<tr>
<td>650130FG ENVOY - Foliage Gray</td>
<td>$139.99</td>
<td></td>
</tr>
</tbody>
</table>

PLC PRO FLIGHTBAG

Designed by pilots to meet the exacting needs of the cockpit environment, The PLC Pro is built from the ground up to be the ultimate solution for storing and protecting all of the gear you will need while flying, with a special focus on your most important tool, the iPad. It has a specially designed, airport check-point friendly protective pouch to hold an iPad, laptop computer or many other electronic flight bag devices. All of the compartments are easy to see into, making it simple to find what you are looking for. There is room for everything a pilot needs to take with them in-flight. The Flight Bag PLC™ Pro bag is designed by pilots for pilots to be the ultimate flight bag for all aviators. This bag gives you the style, storage, organization, compact size and functionality like never offered before.

| P/N PLC Pro | Pro Flight Bag | $179  |

PLC PRO FLIGHTBAG

The Flight Bag PLC™ Slim EX is perfect for carrying your iPad, iPad Sport™, or iPad Kneeboard Pro™ C on and off the plane. Custom styling, durable materials, and a unique protection system combine in a custom fitted form to make a complete package. Have extra room for your charger, external GPS, screen cleaners and cloths, pens and paper. PLC Sport has two compartments with storage for headset, iPad/tablet, handheld radio and light overnight gear.

| P/N PLC SPORT Flight Bag | $129  |
INrODUCING
TANGO™ WIRELESS HEADSET

THAT’S RIGHT,
WE SAID WIRELESS.

WITH A FULL LINE OF PREMIUM ANR HEADSETS,
LIGHTSPEED HAS A HEADSET FOR EVERY MISSION.

LIGHTSPEEDAVIATION.COM
Introducing FTA-550 and FTA-750 Air Band Transceivers with 1.7" x 1.7" Full-Dot Matrix Display

Yaesu’s newest airband transceivers take communication to the next level. Our FTA-550 and FTA-750 NAV/COM radios feature 5 Watts TX* output power, rugged construction and a huge 1.7 x 1.7 inch Full-Dot Matrix Display (160 x 160 dots). Both series of transceivers offer sleek styling and an easy to operate menu system.

The **FTA-550 series** is available in two models; with or without the rechargeable battery. The FTA-550L includes an 1800 mAh rechargeable battery, 110 VAC and 12 VDC chargers, alkaline battery tray, headset adapter, antenna with BNC connector. The FTA-550 AA includes an alkaline battery tray, 12 VDC power cord, headset adapter and antenna with BNC connector. Both FTA-550 NAV/COM radios feature VOR and ILS with Localizer navigation displays.

The **FTA-750L** is the first airband VHF NAV/COM transceiver with built-in GPS! The FTA-750L features VOR and ILS with Localizer and Glide Slope, as well as Waypoint navigation displays. The FTA-750L features GPS Position Logging and includes 1800mAh rechargeable Li-Ion battery, 110 VAC and 12 VDC chargers, alkaline battery tray, headset adapter and antenna with BNC connector. Contact your local dealer today.

* *5 Watts TX Output Power (Air Band: AM 5W P.E.P. type, 1.5W carrier)*
COMFORTMAX LIFE VESTS

Revere’s Comfort Max series of inflatable life vests provide all the comfort and safety you need while looking smart wearing it. It's so comfortable fitting, you'll want to wear it all the time!

USCG approved for persons at least 16 years of age weighing 80 lbs. and above with a chest size between 30” and 52”. Provides for easy adjustment with both hands and a more custom fit. Exterior inflation system access flap. Allows for clear, direct access to the CO2 cylinder for rearming. CO2 cylinder can be replaced without opening and unfolding the entire PFD. Waist strap and back strap attachment points fully connected and reinforced from inside for added strength. Heavy duty 420 denier nylon packcloth outer cover. Twin 2” wide back straps for comfort and security. Includes whistle and SOLAS Grade retro-reflective tape panels on inflatable bladder. Comfortable neck. The neck area has no Velcro or edge binding to cause chafing or abrasion for all-day comfort.

P/N 45-61018-101N  Navy Blue  $109
P/N 45-61018-101R  Red  $109

LIFE RAFTS

Ideal for general aviation, the Aero Compact series offers an enhanced level of safety with minimum bulk for over-water flights. With double 200 lb. ballast pockets, the Aero Compact enhances stability in the roughest of sea conditions. Its light weight allows for easy deployment, and the compact size makes stowage easy, even in the smallest of spaces. All Aero Compacts (except 2 person models) may include optional canopies for greater warmth and protection.

P/N 45-AC2V  $995
2 Person Aero Compact Liferaft
P/N 45-AC4V  $1295
4 Person Aero Compact Liferaft
P/N 45-AC4V-K  $1495
4 Person Aero Compact Liferaft w/ Canopy
P/N 45-AC4V-K2  $1695
4 Person Aero Compact Liferaft Mini Pack w/ Canopy & Standard Kit
P/N 45-AC4V-K2P  $1795
4 Person Aero Compact Liferaft Mini Pack w/ Canopy & Regular Kit
P/N 45-AE6V  $2895
6 Person Aero Elite Liferaft

GLOBALSTAR SAT PHONES

Imagine being able to connect to the people and data that matter most — in the places and times that traditional communications don’t always work. The GSP-1700 is the ultimate handheld portable satellite phone and now with the Aviation Phone Package, you can have an installed satellite phone system that will interface into your aircraft audio system. In addition to the GSP-1700 phone, the Aviation Package includes the GlobalStar 9600 Data Hotspot, Installation Kit, and Aviation Antenna. The System also includes the SPOT TRACE for real time in-flight tracking using the SPOT App. With the Globalstar 9600 and a Globalstar satellite phone, customers can use their existing Wi-Fi enabled devices to send and receive email over the newest, most modern satellite network. Several voice and data plans designed to fit most any requirement.

P/N GLOBALSTAR AVIATION PACKAGE  $1595
ACR RESQLINK PLB w/ GPS

The ResQLink™ is a full-powered, GPS-enabled rescue beacon designed for pilots, boaters, and back country sportsmen. The ResQLink™ accurately and quickly relays your position to a worldwide network of search and rescue satellites using three levels of integrated signal technology – 406MHz Cospass Satellites, GPS, and 121.5MHz. It has 66-channel GPS guiding rescuers to within 100 meters or less of your position, and that in the continental U.S., search and rescue personnel are alerted of your position in as little as five minutes.

INREACH SE

DeLorme InReach SE makes any adventure better and more importantly, safer. With 100% global Iridium satellite coverage, and even if you’re out of cell phone coverage, you can send and receive text messages with the color screen and virtual keyboard, and always receive a delivery confirmation that your message was sent. Most importantly, in the event of an emergency, you can trigger an SOS, and then have a two-way text conversation with the search and rescue monitoring center.

INREACH EXPLORER

In addition to DeLorme’s excellent satellite messaging, InReach Explorer adds a built-in GPS so you can navigate, create waypoint log your trip and find your way back. In an emergency, send an SOS and you can two-way text with the emergency services. Explorer can also wirelessly pair with your mobile device to access topographic maps and US NOAA charts. The built-in rechargeable battery provides up to 100 hours of use.

SPOT SATELLITE COMMUNICATIONS

SPOT GEN3

The latest in the line of SPOT rugged satellite GPS messengers, the SPOT Gen3 keeps you connected even when you’re off-the-grid. Using the power of GlobalStar satellite technology SPOT works virtually anywhere in the world. Check in with your personal and professional networks, send custom messages and let others track your location in real-time via Google Maps™. In an emergency, transmit an SOS with your location to GEOS International Emergency Response Coordination Center.

SPOT TRACE

When it comes to SPOT Trace, ANYONE can use it. Whether you have an airplane, car, motorcycle, boat, bike, or atv, this must-have device ensures that your most valuable asset is where it needs to be at all times, notifying you via email or text when movement is detected anytime, anywhere. Using 100% satellite technology, SPOT Trace tracks your most valuable assets virtually anywhere in the world, beyond the reach of traditional cellular coverage in the most affordable way.

WEATHERFLOW PRODUCTS

WEATHERFLOW WIND METER

WeatherFlow Wind Meter is an anemometer that fits in your pocket. It’s the first hardware product created for the general wind & weather addicted community. It’s compatible with iPhone, iPad, iPod, and all major Android devices. Download one of the free apps for iOS or Android, plug in your wind meter, and hold it up high facing into the wind — it’s really that easy. Your phone does the rest by recording the wind speed (average and gust), and wind direction and location.

Iridium 9555

The innovative, all-new design of the Iridium 9555 Satellite Phone offers a significantly reduced size, a more hand-friendly form factor, an intuitive user interface, and new features such as an internally stowed antenna. It is compact, light and easy to use, featuring a brighter screen, a speaker phone, improved Short Messaging Service (SMS) and email capabilities, and an upgraded mini-USB data port. The Iridium 9555 Satellite Phone is engineered to withstand and perform well in the world’s most rugged, remote and industrial environments, including being water- and shock-resistant. Combined with the only communications network providing truly global coverage, the Iridium 9555 delivers the reliable, secure, real-time, mission-critical communications service that Iridium Satellite Phone users have come to expect.

WeatherFlow Wind Meter

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P/N IRID-9555 Satellite Telephone $1095

P/N WFANO-01 Wind Meter $34.95
**PILOT SUPPLIES**

**CX-2 PATHFINDER ELECTRONIC E6B**
Authorized for use on FAA exams, the new CX-2 Electronic Flight Computer features the latest advances in display and microcomputer technology. You can easily calculate true airspeed, ground speed, altitudes, fuel, headings, courses, time/speed/distance, winds, weight & balance and much more. The CX-2 is the easiest to use and most versatile aviation calculator available.

- P/N CX-2: Electronic Flight Computer $72.95

**E6B FLIGHT COMPUTERS**
The ASA-E6B Flight Computers feature the classic slide rule style and easy to read lettering for easy computations of time, speed, distance, altitudes, airspeed, winds and navigation. The E6B-1 Mini version fits easily in shirt pocket.

- P/N ASA-E6B: Classic Metal $29.95
- P/N ASA-E6B-P: Lightweight Fiber $12.95
- P/N ASA-E6B-1: Mini Version $29.95

**STUDENT CSG**
Constructed of rugged plasticized composite material. It conforms to the instructions and examples in Jeppesen manuals, workbooks and audiovisual programs. Comes with instruction manual and case.

- P/N JS514101: Student CSG $11.95
- P/N JS514105: Metal CSG $29.95

**VFR AND IFR KNEEBOARD**
Attractive, brushed aluminum with instrument or visual information clearly silk-screened on boards. Features include:
- Comfortable, 1-1/2" elastic legband that hugs the leg without binding
- Velcro fasteners adjust without removing kneeboard
- Pencil/pen holder within legband for fast note taking.

The 4-3/4" wide metal clip is easy to lift and strong enough to hold NOS charts and other necessary papers. Kneeboard is 6-1/2" wide x 9-1/2" high.

- P/N KB-1 VFR: $16.95
- P/N KB-2 IFR: $16.95

**TRI-FOLD VFR KNEEBOARD**
Strong aluminum tooled clipboard fits snugly into black 3-panel jacket. Has room for charts, books, flight computers, etc. Useful information on board, strong elastic leg strap.

- P/N ASA-KB-3: Tri-Fold VFR Kneeboard $30.95

**TRI-FOLD IFR KNEEBOARD**
Strong aluminum tooled clipboard silkscreened with important IFR information fits into black 3-panel jacket. Has room for charts, books, flight computers, etc.

- P/N ASA-KB-3I: Tri-Fold IFR Kneeboard $30.95

**LONG TRI-FOLD KNEEBOARD**
The elongated kneeboard accommodates all aeronautical charts without additional folding. 3-panel jacket provides plenty of room for charts, books, flight computers, etc. Useful information on board, strong elastic leg strap.

- P/N ASA-KB-3L: Tri-Fold Kneeboard $37.95

**FLIGHT TIMER 2**
Large, easy to read LCD backlight display gives you local time, “zulu” time, and military time, plus stopwatch, audible and visual alarms, and fuel timer. Multiple mounting options.

- P/N ASA FLIGHT TIMER 2: $42.95

**FIXED PLOTTER**
Constructed of sturdy clear plastic with easy-to-read numbers and scales. It includes WAC Sectional and Terminal Area Scales, and is checked and approved by the Weights and Measures Department. Quick scale reference is provided for both statute and nautical miles.

- P/N ASA-CP-1: $8.95

**PROFESSIONAL PILOT LOGBOOK**
The book the pros use. Aviation’s most popular professional logbook can handle 10 years of data. It includes simplified pilot and aircraft annual summaries. The quality construction matches the professional look of the Airway Manual binders. The gold signature strip allows you to personalize the cover with your own signature.

- P/N JS506050: $26.95

**PILOT LOGBOOK**
Designed for lifetime durability, this 96-page permanent record offers large flight time category spaces, arranged according to FAA regulations. It’s become the standard of the industry. It’s printed on “easy-eye” green pages that resist “bleed through”, and bound with a high quality, scuff-resistant, #24 Sturdite book cloth.

- P/N JS506048: $11.95

**PILOT LOGBOOKS**
The finest, most versatile logbooks for aviators, ASA’s logbooks have been the standard of the industry for over 30 years. With the many options, there is a logbook that’s right for every pilot.

- Standard Pilot Log: $9.95
- Standard Pilot Log: $12.95
- Standard Pilot Log: $12.95
- Standard Pilot Master Log: $26.95

**AIRCRAFT LOGBOOK**
Designed to help keep your records in order.

- P/N ASA-SA-1: Soft cover, 64 pages $5.95
- P/N ASA-SA-2: Hard cover, 94 pages $12.95

Includes twice as many pages as the competition with entries for avionics equipment, VOR accuracy, transponder and ELT checks, AD and SB compliance, and maintenance records.

- P/N ASA-SA-V: Soft cover, 64 pages $5.95

Record data for hub and blade inspections, repairs and alterations, airworthiness directives, and factory bulletins.

- P/N ASA-SA-L: Soft cover, 20 pages $4.95

Keep track of inspections, tests, repairs and alterations, airworthiness directives, manufacturers mandatory service bulletins, and equipment removal or exchange.

- P/N ASA-SE-1: Soft cover, 62 pages $5.95
- P/N ASA-SE-2: Hard cover, 95 pages $12.95

**FIXED PLOTTER**

- Size: 6-3/4" x 11-1/4"
PILOT SUPPLIES & ACCESSORIES

AIRGIZMOS GUST LOCK
If you fly for very long you will quickly realize the importance of securing your control surfaces when leaving the plane outdoors. The AirGizmos Gust Locks are designed to quickly lock virtually any control surface securely. It’s bright color and integrated flag reminds you to remove before flight. The rubber cushions ensure that your finish will be protected. They are lightweight and portable. Perfect for carrying in the plane wherever you go.

P/N AIRGIZMOS GUST  Control Surface Gust Lock  $34.95

SLIDE-DOWN AIRCRAFT TIE DOWNS
The SlideDown Tie Downs are the quickest and easiest method for securing your aircraft to ground anchors. Using super-strong 7/16” kernmantle braided rope that is available in a choice of colors, pilots have been raving about the ease and simplicity of securing their aircraft using SlideDown. The kit includes a set of three SlideDowns—one for each wing and the tail. The powder coated slides are made from aircraft grade aluminum and then precision drilled allowing for easy sliding but also a tight hold. Vinyl coated hooks prevent any scratching.

P/N SD-OR  Orange Tie Down  69.95
P/N SD-BL  Blue Tie Down  69.95
P/N SD-RD  Red Tie Down  69.95
P/N SD-YW  Yellow Tie Down  69.95
P/N SD-WB  White/Blue Tie Down  69.95
P/N SD-RW  Red/White Tie Down  69.95

CARBON MONOXIDE DETECTOR
Easy to read visual indicator which turns gray to black depending on concentration of Carbon Monoxide Gas in the air.

P/N 904-0012-01  Carbon Monoxide Detector  $12.95

POCKET CO
ELECTRONIC CARBON MONOXIDE DETECTOR
Designed by leading engineers in the air quality and gas detection industry, and built using cutting edge nano-technology, Pocket CO is advanced enough for cockpit use, but still very simple to operate. Tiny enough to fit on a keychain, and weighing under 1 ounce, Pocket CO is an easy and affordable way to detect and monitor carbon monoxide in the airplane, at home or on the job.

P/N Pocket CO  Carbon Monoxide Detector  $131.95

ASA FUEL TESTERS
The clear cup has a reinforced steel pin that works with most aircraft. Fits all quick-drain valves and has an adapter for recessed drains.

The transparent cylinder is 8.5” long with octane color-coding molded in the side. Also included is a screwdriver blade with both Phillips and slotted heads.

P/N AFT-C  $5.95
P/N AFT-1  $6.95

PITOT TUBE COVERS
Fit snugly over standard aircraft pitot tubes. Vented to avoid pressurizing the pitot-static system. Keeps dirt, contamination, and insects from entering the pitot tube. 2” x 17” streamer hangs off the cover as a prominent preflight reminder to pilots.

P/N PTC-BLADE  Fits: Piper Cherokee, Warrior and Arrow  $9.95
P/N PTC-34  (3/4”) Fits: Cessna 150/152/172/177/182/200 Series, Skymaster, Falcon Jet  $9.95
P/N PTC-58  (5/8”) Fits: Cessna 300/400, Citation, Conquest, Beech singles/twins, Piper Navajo/Cheyenne, Mooney, Mitsubishi, Lear Jet, Cirrus  $9.95

PILOTS TOOL KIT
Developed specifically for general aviation aircraft, this tool kit is a must to keep in almost any airplane. The PTK1 Pilots Tool Kit has the most commonly needed tools and components to help get you going, including a set of combination wrenches, locking pliers, 8” adjustable wrench, tire pressure gauge, 6-in-1 screwdriver, hex wrenches, diagonal cutters, and a mini-ratchet/socket set. Also included is a special aviation spark plug socket that fits all major spark plug makes, a telescopic mirror, cable zip-ties, and a roll of .032 safety wire. Everything is organized in a tough, easy-to-store roll-up pouch weighting just 3.5 lbs. These tools are lifetime guaranteed and are professional quality, making this the ideal go-to tool kit for the airplane or the hangar.

P/N PTK1  Pilot’s Tool Kit  $82.95

AIRGIZMOS WHEEL CHOCKS
These chocks are unique because they are stackable. This feature really cuts down on the amount of space required to carry them in the plane. The durable plastic sides are lightweight, but are made to take a lot of abuse. There is space on the sides to put your airplane’s number (you supply the vinyl lettering). The edges of these chocks are made of non-skid material, so they stay where you put them and they also won’t damage anything else in your baggage compartment.

P/N AIRGIZMOS CHOCKS  Wheel Chocks  $19.95

TRAVEL CHOCKS
Aluminum high-quality, lightweight wheel chocks come with a bungee cord and clip that ensures they will stay in place.

<table>
<thead>
<tr>
<th>STANDARD (2” x 2” x 8”)</th>
<th>SMALL (1.5” x 1.5” x 6”)</th>
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<tr>
<td>Blue P/N AG-TC1</td>
<td>P/N AG-TC5</td>
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<td>Yellow P/N AG-TC2</td>
<td>P/N AG-TC6</td>
</tr>
<tr>
<td>Red P/N AG-TC3</td>
<td>P/N AG-TC7</td>
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Superior performance, fully-featured solutions for whatever you fly.

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