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SINCE 1991



**2024 PRODUCT CATALOG**  
*Avionics • Instruments • Pilot Supplies • Installations*





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MONITOR AND PROTECT YOUR INVESTMENT.**

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\*\*With dual display system

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Pacific Coast Avionics is located near the Aurora State Airport in Aurora, OR. Stop by our retail showroom to shop products or talk to our knowledgeable sales staff about your avionics and pilot supplies needs.



## HOW TO ORDER

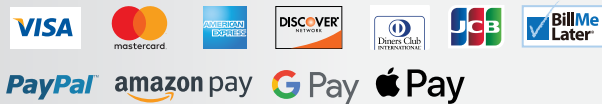
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From our beginning in 1991 our goal is to serve our customers avionics needs better than anyone. We can help you with any of your avionics, GPS, instrument, headset, avionics installation supplies, or pilot supply needs. From experimental/ LSA aircraft 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 and customer service, at the lowest price in the industry. We appreciate the opportunity to earn your business."*

*Randy Wright, Operations Manager*



PCA Hangar - Aurora State Airport.





## AVIONICS INSTALLATIONS

Our recognition as an avionics installation center is always growing. We can accommodate a wide variety of aircraft in our 9000 square foot hangar. Anything from Kit Aircraft, Warbirds, Corporate Jets, Helicopters, and Business Jets. From a single radio to a full panel, we'll meet your installation requirements. We are an FAA Repair Station OPXR455L-Class 1,2,3 & Limited Airframe and Instrument.  
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## AVIONICS REPAIRS

We can handle all your avionics repair requirements. With a highly skilled staff of factory trained technicians and a large parts inventory, you're assured a quick, professional turnaround. We provide special 24-48 hour AOG service for an additional fee. All repair work is covered by a six month warranty. We are an FAA Repair Station OPXR455L-Class 1,2,3 & Limited Airframe and Instrument.



## PILOT SUPPLIES

Our goal is to provide you with all the pilot supplies you need. Our catalog and website have an extensive selection of products based on our flying experiences and our customers' needs. If you are looking for something and don't find it in our catalog or on our website, please call.

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Curtiss-Wright Robin flown by Scott Glover, Curtis Wright Travel Air 4000 flown by Kelly Mahon, O-1 Bird Dog photo ship flown by Matt Bongers, Mount Pleasant, Texas for the Mid America Flight Museum.



## ELECTRONIC FLIGHT DISPLAYS

*Electronic Flight Displays (EFIS) are becoming more and more prevalent as primary flight displays in addition to multi-function displays in all classes of aircraft. We offer a variety of options from small single function systems, to large displays with multiple functions and capabilities.*

### G500 TXI / G600 TXI TOUCHSCREEN EFIS

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G500 TXI and G600 TXI glass touchscreens are available in several sizes and function capabilities. TXI integrates with the GNS and GTN series of GPS/Nav/Coms to provide a fully certified glass panel solution. Reliable attitude/heading reference system (AHRS) replaces the old-style, maintenance-prone mechanical gyros in your aircraft. TXI displays are available 10.6" or 7" landscape displays, or in 7" portrait display, and offer a variety of configurations to fit your panel and budget. The 10.6" and 7" displays have PFD information and a multifunction display (MFD) within the same unit. Optional engine, fuel and electrical readouts can also be viewed in a vertical strip alongside the PFD/MFD information on the 10.6" display. The 7" display can be configured as a PFD or engine display.

The TXi series features an intuitive menu interface that lets you use familiar knobs and/or touchscreen inputs to quickly access the functions-screen views and other flight information you want to see. Powerful dual-core processors boost the system's graphical display capabilities with faster zooming, panning and map rendering. To provide even more situational awareness, the TXi series includes HSI mapping capabilities that put an MFD-like perspective map view within the HSI portion of your PFD. In addition to the geographical map, the HSI map view can also support the overlay of NEXRAD imagery and Weather inputs from ADS-B and SiriusXM datalinks. Additional overlays include SafeTaxi airport diagrams, traffic, terrain and more. HSI map control and onscreen navigation are a snap, thanks to a Garmin innovation that lets you zoom in or out on the map, using a simple and natural single-finger swipe gesture. For extra piece of mind in systems where multiple displays are installed, G500 TXI is designed to enter a reversionary mode — allowing a single 7" portrait or 10.6" display to present primary flight instrumentation and engine indications (if EIS equipped) — in the unlikely event of another display failing or shutting down.



G500 TXI is designed specifically for FAR Part 23 Class 1/Class 2 aircraft (singles and twins weighing less than 6,000 lbs), while the G600 TXI meets the software levels required for FAR Part 23 Class 3 aircraft (typically piston or turbine aircraft weighing between 6,000 lbs and 12,500 lbs).

<b>P/N G500 TXI</b>	GDU 700P 7" EFIS w/Integrated AHRS	<b>\$11,595</b>	<b>P/N 010-01329-01</b>	GEA 110 Engine Interface Unit	<b>\$3595</b>
<b>P/N G500 TXI</b>	GDU 700L 7" EFIS w/Integrated AHRS	<b>\$11,595</b>	<b>P/N K00-01301-10</b>	4-Cylinder Engine Probe Kit	<b>\$1495</b>
<b>P/N G500 TXI</b>	GDU 1060 10.6" EFIS w/Integrated AHRS	<b>\$15,495</b>	<b>P/N K00-01304-10</b>	6-Cylinder Engine Probe Kit	<b>\$1795</b>
<b>P/N G600 TXI</b>	GDU 700P 7" EFIS w/Integrated AHRS	<b>\$18,595</b>	<b>P/N 010-013716-46</b>	G500 TXI Synthetic Vision Enablement	<b>\$1849</b>
<b>P/N G600 TXI</b>	GDU 1060 10.6" EFIS w/Integrated AHRS	<b>\$24,395</b>	<b>P/N 010-013716-46</b>	G500/G600TXI ChartView Enablement	<b>\$1849</b>

Installed prices vary per aircraft, and several options and configurations are available—Please call for more details





**G3X CERTIFIED TOUCHSCREEN EFIS**

The certified G3X is a game changer that owners and pilots of single-engine piston aircraft have been waiting for. These 10.6" and 7" LCD displays make it easy and affordable to upgrade from legacy mechanical instrumentation to a modern glass cockpit solution. With the capability to combine full primary flight display (PFD) attitude/directional guidance with detailed moving-map multifunction display (MFD), each G3X Touch glass display features a bright, high-resolution screens that seamlessly blends with familiar buttons and knobs to put all essential flight information at your fingertips. Standard features include synthetic vision display with database-generated terrain features and built-in wireless ConnexT cockpit connectivity. Better still, the optional EIS provides display of primary engine instrumentation.

G3X Touch flight displays also incorporate dynamic moving map capability, enabling you to view terrain features, airports, airspace boundaries, nav aids, flight plan routings and more — with an aircraft reference symbol overlaid on your current position. G3X Touch also has the ability to display VFR sectionals and IFR en route charts. FliteCharts database or optional ChartView charts from Jeppesen also offer you georeferenced approach plates and procedures. Fully coupled LPV/LNAV/ILS approach capability are available when the G3X Touch displays are paired with the GFC 500 autopilot and a compatible navigation source, such as the GTN or GNS Navigators. G3X Touch can also display ADS-B "In" weather and traffic information when connected with the new GNX 375, GTX 345 transponder or the GDL 50R or GDL 52R receiver.

For space-limited panels, a single 7" display can accommodate either PFD and MFD functionality or MFD and EIS windows within the same unit. The 10.6" display can be setup for either PFD, MFD or PFD/MFD functionality and also include an EIS strip for additional versatility. With the addition of the optional GEA 24 engine interface module and appropriate engine sensors, your G3X Touch can display primary engine indications — allowing for the removal of outdated analog gauges. The system can accommodate various engine, fuel and electrical gauges with easy-to-interpret color bands, supporting most popular Lycoming or Continental 4- to 6-cylinder engines.



<b>P/N GDU 470</b>	7" Display EFIS System	<b>\$5295</b>	<b>P/N GTR 20</b>	Remote Com Transceiver	<b>\$1975</b>
<b>P/N GDU 460</b>	10.6" Display EFIS System	<b>\$7095</b>	<b>P/N GMA 245R</b>	Remote Audio Panel	<b>\$2065</b>
<b>P/N GEA 24/4</b>	Engine Interface Unit-4 Cyl	<b>\$2995</b>	<b>P/N GDL 50R</b>	Remote ADS-B Receiver	<b>\$950</b>
<b>P/N GEA 24/6</b>	Engine Interface Unit-6 Cyl	<b>\$3275</b>	<b>P/N GDL 52R</b>	Remote ADS-B/SXM Receiver	<b>\$1325</b>

**GI 275 EFIS INDICATORS**

The GI 275 is a powerful electronic flight instrument that directly replaces legacy primary flight instruments in the cockpit, including an attitude indicator, attitude directional indicator (ADI), course deviation indicator (CDI), horizontal situation indicator (HSI), multi-function display (MFD) and engine indication system (EIS). GI 275 can be installed as a primary 4-in-1 flight instrument with attitude, airspeed, altitude and heading information, or as a back-up flight instrument for a number of glass flight displays and is available with a 60-minute back-up battery. Lightweight and compact, the GI 275 fits a standard 3 1/8" instrument hole.

The GI 275 Base variant can be utilized as a dedicated EIS or CDI/MFD with features such as traffic, weather, terrain, SafeTaxi airport diagrams, and more. The GI 275 ADAHRS variant includes built-in ADAHRS and backup battery, making it a capable attitude, airspeed, and altimeter as a stand-alone or back-up instrument. Optional synthetic vision (SVT) provides 3D topographical view of terrain, obstacles, traffic, flightpath marker, and more within the attitude display.

When connected with an optional magnetometer, GI 275 can serve as a dedicated HSI or 4-in-1 flight instrument with attitude, airspeed, altitude and heading information. The GI 275 ADAHRS+AP variant is also available, which carries the capabilities of the ADAHRS variant and adds the ability to replace the KI-256 in many King autopilot installations.



<b>P/N 010-02669-00</b>	Dual GI 275 Pkg-PFD & HSI	<b>\$7995</b>	<b>P/N 010-02325-00</b>	GI 275 CDI/MFD	<b>\$3395</b>
<b>P/N 010-02668-00</b>	Dual GI 275 Pkg-PFD & HSI/AP	<b>\$8895</b>	<b>P/N 010-02326-10</b>	GI 275 PFD/ADAHRS	<b>\$3895</b>
<b>P/N 006-D7986-00</b>	GI 275 Synthetic Vision Unlock	<b>\$449</b>	<b>P/N 010-02326-20</b>	GI 275/AP PFD-AP (KI-256 Repl.)	<b>\$4795</b>
			<b>P/N 010-02327-10</b>	GI 275 HSI w/GMU 11	<b>\$4295</b>
			<b>P/N 010-02326-30</b>	GI 275 PFD/ADAHRS +AP Class III	<b>\$7195</b>
			<b>P/N 010-02327-30</b>	GI 275 HSI w/GMU 44B Class III	<b>\$8895</b>
			<b>P/N 010-02326-30</b>	GI 275 PFD/ADAHRS Class II/HELO	<b>\$6695</b>
			<b>P/N 010-02327-30</b>	GI 275 HSI w/GMU 44B Class III/HELO	<b>\$8895</b>

**NEED AN INSTALL QUOTE?**  
**CALL US: MON - FRI 8:30 A.M. - 5:00 P.M. PST**





## G5 ELECTRONIC FLIGHT INSTRUMENTS

Boasting a bright, 3.5" sunlight readable LCD display, the G5 EFIS is a certified primary flight display replacement for most aircraft. Valid for flight under VFR and IFR conditions, G5 is an economical upgrade path for anyone seeking an electrically driven attitude indicator with greater dependability and internal redundancy over vacuum-driven attitude flight instruments.

G5 fits a standard 3-1/8 inch instrument hole, and is only 3 inches in depth so it easily integrates into a wide range of aircraft. Installation is simple and easy as G5 integrates with the aircraft's existing pitot/static system, and displays attitude, airspeed, altitude, vertical speed, slip/skid, turn rate, groundtrack, configurable V-speed references, barometric setting and selected altitude, as well as visual alerts upon arriving at the pre-selected altitude. The built-in GPS provides GPS-based track and groundspeed information, and a dedicated rotary knob allows for easy adjustments to altitude bugs and barometric pressure settings. G5 also includes a 4-hour back-up battery and you can easily see battery status in the upper left hand corner of the display. WAAS GPS input is required for the G5 and can be direct from a GA 35 Antenna or from a GNS or GTN navigator. G5 PFD is also approved as the back-up flight instrument for G500 TXi installations.

The G5 HSI is the perfect companion to the G5 EFIS. Now you can completely remove the vacuum attitude gyro, directional gyro, and the rest of the vacuum system from the aircraft, and replace with an all EFIS attitude and directional system with full battery back-up. In addition to providing directional gyro information, the G5 HSI also integrates with a NAV radio and/or GPS to provide OBS course guidance (GMU 11 Magnetometer required). The display also provides distance to waypoint, groundspeed, ground track, GPS CDI scale, and a rotating compass card with heading bug. When installed with G5 EFIS, the G5 HSI can be manually reverted to an attitude indicator, providing redundancy should the G5 EFIS become unavailable.

The optional GAD 13 Air Data Unit provides display of True Airspeed, Density Altitude, Wind Direction/Speed and OAT on a dual G5 installation, providing even more important information to the pilot.



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<b>P/N K10-00280-01</b>	G5 Primary Flight Display	<b>\$2725</b>
<b>P/N K10-00280-21</b>	G5 HSI (For SL-30/GNC-255A Nav/Coms)	<b>\$3159</b>
<b>P/N K10-00280-31</b>	G5 HSI (For GNS/GTN Units and autopilots)	<b>\$3715</b>

### Options:

<b>P/N 010-02203-00</b>	GAD 13 Air Data Unit	<b>\$160</b>
<b>P/N 011-03002-10</b>	GAD 13 Connector Kit	<b>\$55</b>
<b>P/N 010-12444-10</b>	Antenna, GPS, BNC	<b>\$243</b>
<b>P/N G307PS</b>	OAT Probe	<b>\$145</b>

## GARMIN EIS

When configured as primary to display engine information, GI 275 is capable of interfacing with single-engine and multi-engine normally aspirated or turbocharged aircraft with select powerplants, including Lycoming and Continental 4 or 6-cylinder engines. When GI 275 replaces mechanical gauges and is configured as primary for engine information, GI 275 can display RPM, manifold pressure, oil pressure and temperature, cylinder head temperature (CHT), exhaust gas temperature (EGT), turbine inlet temperature (TIT), fuel flow, fuel quantity, fuel pressure, volts and amps. Lean assist functionality is also available, so pilots can choose to operate rich of peak or lean of peak. GI 275 also features exceedance alerting, allowing installers to configure caution and warning alerts per the Pilot's Operating Handbook (POH). Advisory alerts such as "high oil temp" or "high CHT" can be configured by the pilot. These exceedances, as well as additional engine data can be shared wirelessly with the Garmin Pilot™ app4 on Apple® mobile devices and can also be viewed on the flyGarmin® website for post-flight analysis. In multi-engine aircraft, dual GI 275 flight instruments are required to display engine information. To gather engine data, the GI 275 uses either the GEA™ 24 or GEA 110 engine interface adapters as well as the same engine sensors as TXi flight displays.

<b>P/N 010-02325-10</b>	GI 275 EIS w/GEA-24	<b>\$3995</b>
<b>P/N 010-02325-20</b>	GI 275 EIS w/GEA-110	<b>\$6095</b>
<b>P/N 010-02649-00</b>	TXi EIS w/GEA 110, 7" Portrait, Single Piston	<b>\$8395</b>
<b>P/N 010-02650-00</b>	TXi EIS w/ dual GEA 110, 7" Portrait, Twin Piston	<b>\$12,795</b>
<b>P/N K00-01303-10</b>	TXi EIS w/ dual GEA 110, 7" Landscape, Twin Piston	<b>\$12,795</b>
<b>P/N K00-01301-10</b>	4 Cyl Sensor Kit/MAP/Fuel Pump	<b>\$1245</b>
<b>P/N K00-01302-10</b>	4 Cyl Sensor Kit/MAP/Grav Feed	<b>\$1545</b>
<b>P/N K00-01303-10</b>	6 Cyl Sensor Kit/MAP/Fuel Pump	<b>\$1755</b>
<b>P/N K00-01304-10</b>	6 Cyl Sensor Kit/MAP/Grav Feed	<b>\$1795</b>



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## AUTOPILOT SYSTEMS

Autopilots can make your flying much easier and safer. Whether you are looking for a basic wing leveler or an advanced fully coupled autopilot, we have a variety of new digital systems or legacy analog systems to choose from. Let us help you choose the system that best fits you and your aircraft.

### GFC 500 AUTOPILOT SYSTEM

The revolutionary GFC 500 autopilot brings unprecedented levels of capability, reliability and affordability to single and light twin-engine aircraft. Rather than depending on failure-prone mechanical gyros, the GFC 500 system is digitally controlled, using solid-state attitude and air data sensor reference — giving you ultra-smooth round-outs, intercepts and more while also enhancing the reliability. Incorporating the crisp, easy-to-read 3.5" G5 electronic flight instrument<sup>1</sup>, a mode controller and "smart" servos, the autopilot's architecture supports full pitch-and-roll axis control with GSA 28 "smart" digital servos that support full pitch-and-roll axis control capabilities as well as optional pitch trim, manual electric trim, and yaw damper.

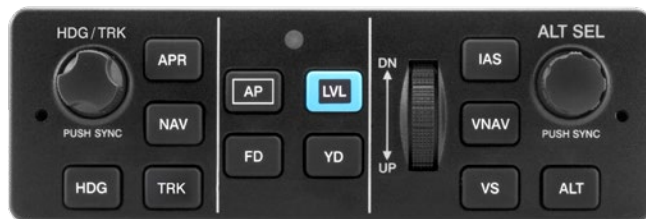
When interfaced the GNS and GTN series navigators, GFC 500 can fly a wide range of precision or non-precision GPS-guided approaches as well as holds, procedure turns, and missed approaches, plus built-in GPS roll steering allows smoother navigation tracking. Flight director cues are displayed as command bars on the G5 electronic flight instrument. GFC 500 also features Enhanced Stability Protection or ESP. When the aircraft is being hand-flown, this ESP feature functions independently of the autopilot although it uses the same control servos — to nudge the controls toward stable flight whenever pitch or roll deviations exceed the recommended limits. If you're descending and your aircraft is approaching VNE or VMO — the system will increase the aircraft's pitch attitude, preventing a further increase in airspeed and potential structural damage. Likewise, GFC 500 provides underspeed (stall) protection. For example, in the event the pilot does not immediately advance the throttle to full power, with the autopilot engaged while flying a missed approach sequence, the autopilot will help prevent an aircraft stall by reducing pitch attitude and provide the pilot with an "airspeed, airspeed" audible alert.

The GMC 507 mode controller lets you select advanced lateral and vertical modes such as pitch hold, altitude preselect, altitude hold, vertical speed and indicated airspeed hold as well as roll, track and selected heading. For added safety, a dedicated LVL button on the controller lets you command the autopilot to automatically return your aircraft to straight-and-level flight — helping to avert a potential loss-of-control situation.

<b>P/N GFC 500</b>	2-Servo Autopilot System	<b>From \$7925</b>
<b>P/N GFC 500</b>	3-Servo Autopilot System w/Pitch Trim	<b>From \$10,475</b>
<b>P/N K11-00024-XX</b>	Yaw Damper Option w/GSA-28 Servo	<b>\$2695</b>
<b>P/N K10-00280-01*</b>	G5 Primary Flight Display (Required)	<b>\$2725</b>
<b>P/N 010-02326-10</b>	GI-275 Primary Flight Display	<b>\$3895</b>
<b>P/N 011-05930-00</b>	SmartGlide Switch	<b>\$135</b>

GFC 500 pricing varies depending on aircraft type. Please call for quote for your aircraft.

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**AVIONICS COAST-TO-COAST**  
**ORDER ONLINE**  
**FAST • EASY • SECURE**

### GFC 600 AUTOPILOT SYSTEM

Designed for aftermarket installation on high-performance single- and twin-engine piston aircraft as well as turboprops and jets, the GFC 600 flight control system offers an impressive array of top-level safety and performance features. GFC 600 provides crisp, precise response and optimum performance over the entire airspeed envelope of your aircraft. GFC 600 system is digitally controlled, using solid-state attitude and air data sensor reference giving you ultra-smooth intercepts and more, while also enhancing system reliability.

For selection and control of GFC 600 modes and functions, a compact autopilot controller comes standard with the system. Featuring backlit keys and a bright, sunlight-readable annunciator display, the mark-width controller mounts conveniently in your avionics stack. An intuitive up/down control wheel on the unit allows for easy and precise adjustment of aircraft pitch, airspeed and vertical speed modes. As with the GFC 500, a dedicated LVL mode button on the autopilot controller lets you command the autopilot to automatically return your aircraft to straight-and-level flight, and GFC 600 also includes the Enhanced Stability Protection (ESP).

Digitally controlled GSA 87 servos control speed and torque limits on control inputs allowing faster, crisper and more powerful response — enabling your GFC 600 system to track the intended flight path with smooth efficiency. The advanced servo design results in enhanced system efficiency, while also reducing maintenance/inspection requirements. The servos also provide virtually no control system friction with the autopilot turned off, decoupling the motor drives so you can hand-fly with ease.

<b>P/N GFC 600</b>	3-Servo Autopilot System w/Pitch Trim	<b>From \$21,495</b>
<b>P/N GFC 600</b>	4-Servo Autopilot System w/Yaw Damper	<b>From \$27,295</b>
<b>P/N 010-01598-03</b>	GI 285 Remote Annunciator	<b>\$1995</b>
<b>P/N 011-05930-00</b>	SmartGlide Switch	<b>\$135</b>

GFC 600 Pricing varies based on aircraft model - Please call for quote for your aircraft.

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## GTN XI SERIES NAVIGATORS

**All In One GPS/Nav/Coms are more and more becoming the standard for VFR and IFR flying. We can help you make the best choice for value and performance for your airplane and your typical mission.**

The GTN series of Garmin navigators are fully integrated GPS/COM solutions with centralized, touch-controlled screen providing easy access to navigation, radio tuning, multifunction display features including weather and traffic and more. GTN Navigators offer complete IFR GPS/NAV/COMM/MFD capability in a high-resolution display with terrain mapping, graphical flight planning, georeferenced charting, traffic target surveillance, multiple weather options, taxiway diagrams and a host of other advanced navigation features at your fingertips. GTN Navigators also integrate with other Garmin avionics to add exclusive industry-leading technologies Connex wireless cockpit connectivity to support data streaming between your avionics and the Garmin Pilot™, ForeFlight and apps running on your iPad® tablet or other compatible mobile device.



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Quickly pan across the map screen simply by swiping your finger across the high-resolution TFT display, or “pinch-zoom” to increase or decrease map range. Graphical flight planning capabilities allow you to preview your entire route on the map screen and easily enter new waypoints or modify existing ones, and even create and execute custom holding patterns over a waypoint, as well as 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 GPS-guided LPV instrument approaches down to as low as 200 ft, a 200-channel VOR/ILS with localizer and glideslope (GTN-650Xi and TN-750Xi), plus a fully certified COM transceiver 25 KHz or 8.33 KHz channel spacing that is available in standard 10 W or optional 16 W power output. GTN Navigators are also available with a number of optional enhancements such as low altitude obstacles and power lines, to help meet the unique demands of helicopter missions.

<b>P/N GTN 750Xi</b>	GPS/NAV/COM	<b>\$17,185</b>
<b>P/N GTN 750HXi</b>	GPS/NAV/COM-Helicopter	<b>\$18,485</b>
<b>P/N GTN 725Xi</b>	GPS Only	<b>\$15,385</b>
<b>P/N GTN 650Xi</b>	GPS/NAV/COM	<b>\$11,785</b>
<b>P/N GTN 650HXi</b>	GPS/NAV/COM-Helicopter	<b>\$12,985</b>
<b>P/N GTN 635Xi</b>	GPS/COM	<b>\$11,085</b>
<b>P/N GTN 635HXi</b>	GPS/COM-Helicopter	<b>\$12,485</b>

### OPTIONS:

<b>P/N 010-00878-40</b>	Chartview Enablement (750 only)	<b>\$1850</b>
<b>P/N 010-00878-04</b>	GTN-Xi 16 Watt Com Enablement	<b>\$4585</b>
<b>P/N NVG Enablement</b>	GTN-750HXi/650HXi Only	<b>\$2290</b>
<b>P/N 010-00878-01</b>	TAWS-B Enablement	<b>\$7385</b>
<b>P/N 010-00878-42</b>	3rd Party Radar Enablement	<b>\$3685</b>
<b>P/N 010-12675-00</b>	GTN/TXi PC Trainer on USB	<b>\$47</b>

## GPS 175/GNC 355/GNX 375 IFR GPS

**GARMIN.**



**GPS 175**



**GNC 355**



**GNX 375**

These three IFR GPS variants feature an SBAS/WAAS-certified GPS receiver that allows you to fly GPS-guided LPV glidepath instrument approaches down to as low as 200', greatly expanding your operational capability. Precise course deviation and roll steering outputs can be coupled to our GFC™ 500 and GFC 600 autopilots as well as select third-party autopilots so that IFR flight procedures such as holds, NextGen radius-to-fix (RF) legs and missed approaches may be flown automatically. In addition, these GPS navigators lets you create and execute custom holding patterns over an existing waypoint or user-defined waypoint. At just 2" tall, it replaces most legacy GPS's and features a 4.8" diagonal touchscreen color display which puts the most important functions within only a few touches. Navigate to dedicated pages for the moving map, terrain, nearest airports, flight plan, procedures, waypoint information, utilities and more. With shortcuts available to the flight plan and Direct-to functions on almost every page, navigation features are usually just a tap away. Use your finger to pan and zoom on any map, traffic and terrain page, or enter waypoint data with the on-screen keyboard.

With its built-in 1090 ES transponder, the GNX 375 allows you to meet ADS-B “Out” requirements with a single installation, while its dual-link ADS-B “In” receiver provides a complete picture of ADS-B traffic targets as well as subscription-free weather in the U.S. For example, the ADS-B weather link allows you to access animated NEXRAD imagery, METARs, TAFs, winds and temperatures aloft, PIREPs, NOTAMs and more. And for even more work-saving convenience, you can use the built-in Connex technology to stream information between GNX 375 and compatible Garmin portables and mobile devices running the Garmin Pilot or FitPlan Go apps.

The GNC 355 offers 10 watts of transmission power with 25 kHz frequency channel spacing or 8.33 kHz channel spacing options (GNC 355A), and it incorporates a number of functions that can save you time and effort. Using the onboard frequency database, airport, weather, center and FSS frequencies are easy to find and can be loaded to standby by simply tapping them from the airport information or flight pages. Recent, nearby and saved frequencies are easy to access, too. And to help you make sure you are talking to the right controller, GNC 355 automatically displays the station's identifier right below the frequency.

<b>P/N 010-01822-50</b>	GPS 175 IFR GPS w/GA35 Antenna	<b>\$5195</b>
<b>P/N 010-02232-50</b>	GNC 355 IFR GPS/Com	<b>\$7195</b>
<b>P/N 010-02232-60</b>	GNC 355A IFR GPS/Com (8.33 MHz Spacing)	<b>\$7895</b>
<b>P/N 010-01823-01</b>	GNX 375 IFR GPS/ADS-B Transponder (GNX 375 pricing includes harness for experimental aircraft)	<b>\$7995</b>

**AVIONICS COAST-TO-COAST**  
**ORDER ONLINE**  
**FAST • EASY • SECURE**



## GTR 205 COM & GNC 215 NAV/COM

The GTR 205 and GNC 215 are versatile radios that can serve in a variety of aircraft types and panel installations. The 1.3-inch height form factor matches previous-generation SL30 and SL40 radios. Pilot-selectable 25 kHz or 8.33 kHz channel spacing provides global capability. Both radios feature a sunlight-readable color LCD display, indicating the currently tuned active and standby frequencies, as well as their station ID. The vibrant display as well as the dual concentric knob and backlit keys mimic those found on other modern Garmin avionics products, providing an intuitive user interface and simplifying product operation. Additionally, pilots can monitor a standby COMM frequency while tuned to the active frequency, allowing them to perform various tasks such as listening to ATIS transmissions without leaving the active ATC frequency.

The GNC 215 NAV/COMM radio offers all the same COMM features as the GTR 205, while also adding full VHF navigation capabilities, including VOR/ILS with localizer and glideslope. Navaid lookup allows the GNC 215 to find the desired frequency from its built-in worldwide database when entering a navaid, and the Automatic Station ID will automatically decode a station's Morse code to provide positive visual identification.

**GARMIN.**



**GTR 205 COMM**



**GNC 215 NAV/COMM**

<b>P/N 010-02480-01</b>	GTR 205	Standard Kit	<b>\$2495</b>
<b>P/N 010-02480-02</b>	GTR 205	Standard Kit, Helo	<b>\$2895</b>
<b>P/N 010-02481-01</b>	GNC 215	Standard Kit	<b>\$4965</b>
<b>P/N 010-02481-02</b>	GNC 215	Standard Kit, Helo	<b>\$5265</b>

<b>P/N 010-02989-00</b>	GTR 205	16W COMM Enablement	<b>\$1475</b>
<b>P/N 010-02989-00</b>	GNC 215	16W COMM Enablement	<b>\$1475</b>
<b>P/N 010-02989-01</b>	GTR 205	NVIS Enablement	<b>\$975</b>
<b>P/N 010-02989-01</b>	GNC 215	NVIS Enablement	<b>\$975</b>

**GARMIN.**



**GMA 345**



**GMA 350c**

<b>P/N 010-01319-11</b>	GMA 342 Audio Panel	<b>\$1895</b>
<b>P/N 010-01319-03</b>	GMA 345 Audio Panel	<b>\$1995</b>
<b>P/N 010-00871-41</b>	GMA 350c Audio Panel	<b>\$2430</b>
<b>P/N 010-00831-41</b>	GMA 35c Remote Audio Panel	<b>\$3065</b>
<b>P/N 010-00871-31</b>	GMA 350Hc Audio Panel	<b>\$2860</b>

## GMA AUDIO PANELS

The Garmin family of full-features audio control panels offer the latest in digital audio technology to improve communications between flight crews, passengers, and ground controllers. All of the GMA series feature convenient LED buttons controls for audio selections, as well as split COM capabilities for pilot and co-pilot. The internal 6-place stereo intercom features auto-squelch, multiple entertainment inputs, and inputs for telephone, altitude alerts, and other warning tones. Exclusive 3D Audio technology spatially separates the multiple sources entering your headset, and the advanced auto squelch automatically adapts to cockpit noise levels without clipping words or cutting out in the middle of phrases.

The GMA 342 and GMA 345 include a digital clearance recorder that captures the last 60 seconds of incoming COM audio for instant playback with a single button press. For connectivity, the GMA 342 has a 3.5mm audio jack on the faceplate allowing smartphones, tablets or music players to be plugged in and routed through the headsets, while the GMA 345 has USB input and features Bluetooth interface to easily make or receive phone calls or stream audio entertainment. GMA 342 and GMA 345 are direct slide-in replacements for the GMA 340 audio panel.

The GMA 350 features Bluetooth connectivity, plus Telligence Voice Command which helps decrease pilot workload. Operate your audio panel without taking your hands off the controls. To switch between COMMs, just press a button and say "MIC 1" or "Tune destination tower" The GMA 35c is a remote mount version of the GMA 350c and interfaces with the GTN 750Xi navigator for touchscreen control.

## FLIGHTSTREAM BLUETOOTH WIRELESS GATEWAY

Part of the Connex® family of flight connectivity solutions, the Flight Stream 110/210 is a small wireless gateway that is easily installed in your aircraft, enabling a combination of up to 2 compatible tablets or phones to stream information to and from your avionics system via Bluetooth®. Flight Stream 110 offers GPS, weather and traffic streaming from the GDL-88 ADS-B and GDL-69, while the Flight Stream 210 adds the capability for flight plan syncing with GTN and GNS series of Navigators, plus the ability to display attitude information using a built-in AHRS.

<b>P/N 010-01194-01</b>	Flight Stream 110	<b>\$675</b>
<b>P/N 010-01194-41</b>	Flight Stream 210	<b>\$1245</b>
<b>P/N 010-01322-01</b>	Flight Stream 510	<b>\$1500</b>

Flight Stream 510 is a cost effective and non-intrusive patented memory card that contains Wi-Fi and Bluetooth® connectivity. When installed in the slot of a GTN series navigator, GPS-175, GNC-355, and GNX-375. Flight Stream can be connected with up to 2 compatible Apple or Android™ mobile devices operating





## GTX 335/GTX 345 ADS-B TRANSPONDER

The GTX 335 and GTX 345 are a one-box ADS-B solution. These transponders, which include Extended Squitter (ES) ADS-B "Out" -which is certified for use above 18,000 feet- and have an optional built-in WAAS position source, and with the GTX-345, dual-link ADS-B "In." With the most compatibility options in the industry, the GTX-345 displays on a wide variety of current and legacy Garmin displays, including select G1000® integrated flight decks. Remote mount options are also available for control and display in G1000 and GTN 650/750 equipped aircraft.

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 timers, 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 Terminal Traffic. The GTX 345 also connects to iPad and Android devices to display the subscription free ADS-B weather and traffic, GPS position data, and back-up attitude information with synthetic vision using popular apps such as Garmin Pilot and ForeFlight Mobile via Connext® wireless technology. 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.



<b>P/N 010-01083-01</b>	GTX 325 Mode C Transponder	<b>\$2295</b>
<b>P/N K10-00276-05</b>	GTX 335 w/GPS & GAE 12 Encoder	<b>\$3695*</b>
<b>P/N 010-01214-01</b>	GTX 335 ADS-B Out Transponder	<b>\$3150</b>
<b>P/N 010-01215-01</b>	GTX 335R Remote Transponder	<b>\$3090</b>
<b>P/N 010-01215-41</b>	GTX 335R Remote Transponder w/GPS	<b>\$3795</b>
<b>P/N 010-01216-06</b>	GTX 345 Transponder	<b>\$5785</b>
<b>P/N 010-01216-46</b>	GTX 345 Transponder w/GPS	<b>\$5665</b>
<b>P/N 010-01775-01</b>	GTX 345D w/Diversity	<b>\$7875</b>
<b>P/N 010-01217-06</b>	GTX 345R Remote Transponder	<b>\$5195</b>
<b>P/N 010-01217-46</b>	GTX 345R Remote Transponder w/GPS	<b>\$5895</b>
<b>P/N 011-03080-00</b>	GAE 12 Altitude Encoder	<b>\$305</b>

\*PRICE INCLUDES GA-35 GPS ANTENNA

## GDI® 60 DATALINK WITH PLANESYNC™ TECHNOLOGY

All new Garmin GDL 60 Datalink with PlaneSync Technology offers a more streamlined flight prep. With a connected aircraft solution that automatically updates your avionics databases, logs flight/engine data and lets you remotely check fuel and systems status via your Garmin Pilot smart-device app.

GDL 60 allows you to make the connection via 4G LTE cellular or WiFi connectivity to automatically update your GTN Xi and selected flight deck databases. Most will auto-synchronize at aircraft power up. Flight and engine data logs will automatically be transmitted and stored to secure cloud storage after landing. You can view this information on your device running Garmin Pilot and also share with your maintenance crew via the flyGarmin.com website.

Remote aircraft status allows you to keep track of your aircraft virtually anywhere. When equipped, the aircraft dashboard page of Garmin Pilot, allows you to check active/standby database status, Hobbs, tach, and flight times, fuel quantity, battery voltage, OAT, oil temperature and aircraft GPS location.

Entertainment options, text messaging, and voice calls can also be made when interfaced to the appropriate Garmin systems, allowing you to stay connected virtually anywhere.



<b>P/N GDL 60</b>	GDL 60 Datalink w/GA 60 LTE Antenna	<b>\$3595</b>
<b>P/N GDL 60</b>	GDL 60 Datalink w/ GA 61A LTE Antenna	<b>\$3895</b>

GDL 60 pricing varies depending on aircraft type. Please call for quote for your aircraft.

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**GARMIN GSB 15**

The dual USB port GSB 15 can deliver 3A of power to two iPad or similar smart devices while also charging their batteries. GSB 15 is available with dual Type A, Dual Type C, or both types on one and have built-in circuit protection. Configurable halo lighting make them easy to locate in the dark, and they measure just 1.5" square and less than 1" deep making for easy installation.

<b>P/N 010-02201-10</b>	GSB 15 Dual Type A USB-Rear Connector	<b>\$315</b>
<b>P/N 010-02201-11</b>	GSB 15 Dual Type A USB-Side Connector	<b>\$315</b>
<b>P/N 010-02544-21</b>	GSB 15 Dual Type A/C USB-Rear Connector	<b>\$435</b>
<b>P/N 010-02544-31</b>	GSB 15 Dual Type A/C USB-Side Connector	<b>\$435</b>
<b>P/N 010-02544-41</b>	GSB 15 Dual Type C USB-Rear Connector	<b>\$435</b>



**GTS TRAFFIC ADVISORY SYSTEMS**

Garmin provides a series of active traffic detection systems that can incorporate ADS-B technology as well. The GTS series provide a 360 degree view of traffic around the aircraft, tracking up to 75 targets while displaying up to 30 targets on GNS and GTN navigators, as well as G500/600 EFIS systems. The GTS 800 has a 12nm range, GTS 825 has 40nm range, while GTS 855 is a full TCAS-1 system.

<b>P/N GTS 800</b>	TAS Traffic System	<b>From \$10,750</b>
<b>P/N GTS 825</b>	TAS Traffic System	<b>From \$19,250</b>
<b>P/N GTS 855</b>	TCAS-1 Traffic System	<b>From \$23,950</b>



**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 TAWS, TCAS II, or CAT II ILS solution. The GRA 55 is designed to work in a multitude of environments, allowing you to go from rough terrain to tree canopies, sand to choppy water and know exactly how much room you have to maneuver. Gain added peace of mind knowing that the radar altimeter is operating normally thanks to advanced, comprehensive self-testing technology that continuously monitors incoming data and system integrity to help assure that the altitude provided is accurate, even in low-visibility conditions.

<b>P/N GRA 55/GI 250</b>	Radar Altimeter w/Digital Indicator	<b>\$13,995</b>
<b>P/N GRA 55</b>	Radar Altimeter Unit Only (For EFIS interface)	<b>\$9695</b>
<b>P/N GRA 5500</b>	Radar Altimeter (Part 25 version)	<b>\$17,195</b>



**GDL 69/69A SXM RECEIVER**

This remote datalink receiver helps you make informed, safe decisions based on the weather. With a subscription to SiriusXM Satellite Weather, GDL 69/69A brings continuous, detailed weather information to the GNS and GTN series navigators, as well as G500/600 and GMX 200 MFD's. SiriusXM's two powerful S-band geostationary satellites, positioned over the east and west coasts, deliver seamless coverage at any altitude across the continental U.S. The weather suite's high resolution color graphics provide detailed NEXRAD and METAR data, as well as current reports on precipitation, lightning, winds-aloft, echo tops, TFRs and more. You can get S/XM entertainments channels on the GDL 69A.

<b>P/N GDL 69</b>	Sirius/XM Weather Receiver	<b>\$4395</b>
<b>P/N GDL 69/A</b>	Sirius/XM Weather and Entertainment Receiver	<b>\$4995</b>



**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.

<b>P/N K10-00202-00</b>	AOA System 14/28V Unheated Pitot	<b>\$1745</b>
<b>P/N K10-00202-10</b>	AOA System 14V Heated Pitot	<b>\$1895</b>
<b>P/N K10-00202-20</b>	AOA System 28V Heated Pitot	<b>\$1895</b>



**GWX 75 DIGITAL 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.

<b>P/N 010-01589-00</b>	GWX 75 Radar Processor 10" Dish	<b>From \$21,695</b>
<b>P/N 010-01589-01</b>	GWX 75 Radar Processor 12" Dish	<b>From \$22,495</b>

## AVIONICS INSTALLATION PACKAGES

At Pacific Coast Avionics, we can help install on of the packages below or custom build an avionics package for you. For more information, call Randy or Ben at (503) 678-6242 ext 203 or 218 for questions or to discuss your needs.



### PCA IFR GPS/CDI BUNDLE

**GNC 355** GPS COMM  
**GI 275** CDI

Installed from **\$14,795**



### PCA VFR PACKAGE

**GNC 215** NAV/COMM  
**GNX 375** GPS and ADS-B Transponder

Installed from **\$12,795**



### PCA LITE IFR PACKAGE 1

**GMA 345** Audio Panel w/Bluetooth  
**GNX 375** GPS and ADS-B Transponder  
**GNC 215** NAV/COMM  
**GI 275** CDI

Installed from **\$28,995**



### PCA IFR PACKAGE

**GMA 345** Audio Panel w/Bluetooth  
**GNC 355** GPS COMM  
**GTR 205** COMM  
**GTX 335** ADS-B Out Transponder w/ GPS  
**GI 275** CDI

Installed from **\$30,995**



### PCA LITE IFR PACKAGE 2

**GMA 345** Audio Panel w/Bluetooth  
**GNC 215** NAV/COMM  
**GTR 205** COMM  
**GTX 335** ADS-B Out Transponder w/ GPS  
**GI 275** CDI

Installed from **\$26,995**



### PCA HEAVY IFR PACKAGE

**GMA 345** Audio Panel w/Bluetooth  
**GTN 650Xi** GPS NAV/COMM  
**GNC 215** NAV/COMM  
**GTX 335** ADS-B Out Transponder w/ GPS  
**GI 275** CDI

Installed from **\$41,995**

### G5 ADI & HSI



### ADD DUAL G5'S TO PACKAGES:

Installed from **\$14,595**

(Includes GAD 13 for OAT, TAS and Winds Aloft)

### GI 275 ADI & HSI



### ADD DUAL G275'S TO PACKAGES:

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### GFC 500 AUTOPILOT W/TRIM



### ADD GFC 500 W/TRIM TO PACKAGES:

Installed from **\$24,500**





# LOOKING FOR PANEL UPGRADES? WE'VE GOT YOU COVERED!

Pacific Coast Avionics has a widely recognized and well-deserved reputation as an expert 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.

FAA Repair Station No. OPXR455L-Class 1, 2, 3 & Limited Instrument.

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



Garmin G1275 ADI  
Garmin G500TXi EFIS System w/EIS  
Garmin GMA350c Audio Panel  
Garmin GTN750Xi IFR GPS/Nav/Com  
Garmin GTN650Xi IFR GPS/Nav/Com  
Garmin GFC500 Autopilot w/Pitch Trim  
Mid-Continent MD93 Clock/USB Port  
New metal upper panels.



# Piper PA-46



Garmin Dual G500TXi EFIS System w/  
EIS  
Garmin GDL60 Datalink  
Garmin GFC600 4 Servo Autopilot  
Garmin TN750Xi IFR GPS/Nav/Com  
Dual USB Ports  
New Metal Panels

# Piper Turbo Arrow



Garmin G5 Backup ADI  
Garmin G3X System w/EIS  
Garmin GFC500 Autopilot w/Trim  
Garmin GTN750Xi IFR GPS/Nav/Com  
Garmin GNC255A Nav/Com  
Garmin GTX345 Transponder w/ADS-B In  
Garmin GAP26 Heated Pitot Tube for AOA  
Mid-Continent CH93 Clock/USB Port  
Artex ELT345  
New Superior Panel



# Cessna 182 Skylane



- D10A Backup ADI
- Dynon SkyView HDX EFIS System w/EFIS
- Dynon Autopilot
- Dynon Knob Panel
- Dynon Com Radio
- Dynon ADS-B In Receiver
- PS Eng PMA450B Audio Panel
- Garmin GPS175 IFR GPS
- Garmin GNC255A Nav/Com
- Garmin GTX335D Transponder w/Diversity
- GSB15 Dual USB Port
- New Circuit Breaker Panel
- New Upper Panels

# Beechcraft Bonanza



- Garmin GI275 Backup ADI
- Garmin G500TXi EFIS System
- Garmin GFC500 Autopilot w/Trim & Yaw
- Garmin GMA350 Audio Panel
- Garmin GTN750Xi IFR GPS/Nav/Com
- Garmin Flight Stream 510
- Garmin GNC255A Nav/Com
- Garmin GTX345 Transponder with ADS-B In
- Guardian 451 CO Detector
- Garmin GSB15 Dual USB Port
- New SRS 1 Piece Panel w/Glovebox



# Mooney M20E



**BEFORE**

Garmin G5 ADI  
Garmin G5 HSI  
Garmin GMA 345 Audio Panel  
Garmin GTN 650Xi GPS/Nav/Com  
Garmin Flight Stream 510  
Garmin GTX 345 ADS-B In/Out Transponder  
Garmin GFC 500 Autopilot w/Trim  
Custom fab panels

# Beech A36 Bonanza



Garmin GI 275 ADI  
Garmin GI 275 HSI  
Garmin GMA 35c Remote Audio Panel  
Garmin GTN 750Xi GPS/Nav/Com  
Garmin Flight Stream 510  
Garmin GTX 345 ADS-B In/Out Transponder  
Garmin GFC 500 Autopilot w/Trim





**GSB™ 15 USB Charging Hub**



**GMA™ 345 Audio Panel**



**G5 Attitude Indicator**



**GNC 355 Nav/Comm Radio**



**G5 HSI**



**GNC® 215 Nav/Comm Radio**



**GTX™ 335 ADS-B "Out" Transponder**

# GET A PANEL UPGRADE THAT'S RIGHT ON THE MONEY.

ADD THESE MODERN, RELIABLE AVIONICS TO YOUR AIRPLANE FOR LESS THAN YOU THINK.  
JUST ASK THE QUALIFIED INSTALLER OF YOUR CHOICE.

## ASPEN AVIONICS FLIGHT DISPLAYS

The award-winning Aspen Evolution series Primary Flight Displays (PFDs) deliver advanced capability glass panels, that are easy to use. Aspen EFIS systems, based on the latest digital electronics and LCD technology, allows you to quickly and easily replace from one to three pairs-whichever best fits your needs and budget, without expensive new panel modifications.

The Evolution E5 is an IFR certified drop-in replacement for old style vacuum attitude and directional Gyros presents attitude information with altitude, airspeed, vertical speed plus HSI into a single display with a backup battery. Includes Global Positioning System (GPSS) Steering, and attitude heading reference system (ADAHRS). With redesigned electronics and new glass, the Evolution E5 has a bolder and brighter display and offers higher reliability, more capability, and increased processing speed.

The EFD-1000 directly replaces the attitude indicator and directional gyro and features internal AHRS, HSI, back-up battery, GPS Roll Steering, altitude alerter, and much more. The built-in Air Data Computer provides wind direction and speed, and also computes true airspeed and density altitude. Aspen EFDs are fully software upgradable, so you can add comprehensive hazard awareness capabilities such as Synthetic Vision, AOA, and ADS-B — all without removing the display from your panel.

The Evolution 1500 combines the powerful Pro PFD with the versatile 500 MFD (Multi-function Flight Display) to deliver a full-featured, exceptionally easy-to-use glass panel at the lowest price on the market. The Evolution 2000 combines the Pro PFD and the 1000 MFD to provide a system with MFD versatility as well as the safety and confidence of full PFD instrument redundancy. This Evolution Flight Display pair is an unbeatable duo that provides everything you need in an easy-to-use, full-featured glass cockpit for your GA aircraft.



E5 PFD/DG

<b>P/N 920-00101-001</b>	E5 EFIS PFD/DG	<b>\$4995</b>
<b>P/N 920-00101-011</b>	E5 w/ACU	<b>\$5390</b>
<b>P/N EFD-1000PRO/MAX</b>	EFIS PFD/HSI	<b>\$8895</b>
<b>P/N EVOLUTION-2000/MAX</b>	2-Screen EFIS/MFD	<b>\$15,195</b>
<b>P/N EVOLUTION-2500/MAX</b>	3-Screen EFIS/MFD	<b>\$18,795</b>

**OPTIONS:**

<b>P/N 430-00026-001</b>	E5 Air Data Enablement	<b>\$445</b>
<b>P/N 913-00006-001</b>	SynViz Enablement	<b>\$995</b>
<b>P/N 913-00016-002</b>	AOA Enablement	<b>\$995</b>
<b>P/N 913-00017-001</b>	ADS-B Enablement	<b>\$995</b>

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**SKYVIEW CERTIFIED**

Blazing a trail in affordability and integration, Dynon Certified brings a new era of glass panel avionics systems for type certificated aircraft. Every Dynon Certified SkyView HDX system starts with the core system required by the STC, which includes redundant Primary and Standby EFIS flight displays, and a VFR GPS Navigator Moving-Map display. Then just add the additional capabilities that best fits your flying, from a broad range of optional systems components and accessories.

The SkyView HDX core system includes your choice of 7" or 10" displays as pilots primary flight display, SkyView ADAHRS Unit, Magnetometer, WAAS GPS Antenna, Back-Up Battery, EFIS-D30 Back-Up Flight Instrument, and STC. SkyView HDX displays provide unrivaled control ergonomics and a redundant touch-screen interface. SkyView ADAHRS provide the system attitude, airspeed, altitude, DG, VSI, AOA, G-meter, turn rate, slip/skid ball, OAT, and TAS. Additional HDX displays can be added for a multiple EFIS system.



<b>P/N 503473-000</b>	SkyView HDX1100 10" EFIS Core System	<b>\$10,910</b>
<b>P/N 503273-000</b>	SkyView HDX800 7" EFIS Core System	<b>\$9650</b>
<b>P/N 503561-000</b>	HDX EFIS Display Connector/Harness	<b>\$134</b>
<b>P/N 503296-000</b>	EFIS-D30	<b>\$1935</b>
<b>P/N 503414-000</b>	AOA/Pitot Tube	<b>\$245</b>

<b>P/N 503468-000</b>	Vertical Knob Control Panel	<b>\$325</b>
<b>P/N 503471-000</b>	Horizontal Knob Control Panel	<b>\$325</b>
<b>P/N 503365-000</b>	EMS-200 Engine Monitor Module*	<b>\$690</b>
<b>P/N 503291-000</b>	Outside Air Temp Probe	<b>\$77</b>

\* Call for aircraft approval and engine sensor kit pricing

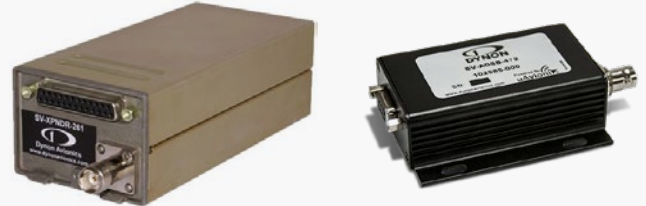
SkyView Autopilot is currently limited to Cessna 172, Bonanza Models 35/36, and Piper Seneca. Please call for quote for autopilot install kits for these aircraft and current availability.



**SKYVIEW COM RADIO**

SkyView's COM Radio will change the way you communicate. Because the feature-rich radio is so deeply integrated with the Dynon SkyView system, frequencies can be tuned by airport and station type at the touch of dedicated buttons on the HDX display, or you can tune with the traditional knob control panel.

<b>P/N 504146-000</b>	COM Transceiver	<b>\$1900</b>
<b>P/N 504020-000</b>	Vertical COM Control Panel	<b>\$425</b>
<b>P/N 504145-000</b>	Horizontal COM Control Panel	<b>\$425</b>
<b>P/N 503756-000</b>	Remote COM Mount Kit	<b>\$95</b>



**SKYVIEW ADS-B TRANSPONDER/ADS B RECEIVER**

The SkyView Class 1, Mode-S Transponder meets the transponder requirements of the FAA ADS-B Out mandate. In U.S. airspace, the SkyView ADS-B In Traffic and Weather Receiver, when combined with the Dynon Class 1 Mode-S transponder, will provide you access to ALL of the subscription-free TIS-B, ADS-R, and FIS-B services provided by the FAA.

<b>P/N 503417-000</b>	Remote Xponder-261 Transponder	<b>\$2385</b>
<b>P/N 503373-000</b>	ADS-B-472 ADS-B Receiver	<b>\$845</b>
<b>P/N 503787-000</b>	Xponder-261 Wiring Harness	<b>\$82</b>
<b>P/N 503785-000</b>	ADS-B-472 Wiring Harness	<b>\$72</b>



## STRATUS ADS-B TRANSPONDERS

APPAREO

The Appareo Stratus Transponders are 1090ES systems and designed as an ADS-B solution, with options for internal WAAS GPS, or interface to existing WAAS GPS navigators. Stratus ESG includes a built-in certified WAAS GPS receiver and includes GPS antenna to provide the required ADS-B position information, making the Stratus ESG a true one-box ADS-B solution. For those aircraft already equipped with certified WAAS, the Stratus-ES (no internal GPS) is a great ADS-B solution. Designed to replace legacy transponders, Stratus transponders are solid state with a modern keypad makes entering a squawk code easy. The convenient VFR button minimizes pilot keystrokes and in addition to displaying squawk code, you can also see displays of lat/lon position and pressure altitude. Stratus Transponders also accept both serial and parallel (e.g. Gray code) inputs, so you can reuse most altitude encoders.

The Stratus ESGi system is the Stratus ES or ESG Transponder, plus the Stratus-3i Remote ADS-B Receiver and to provide a complete ADS-B Out/In package. The ADS-B "In" information is sent wirelessly to an Android or Apple device providing weather and traffic information, plus attitude and synthetic vision information using the ForeFlight app.



<b>P/N 153010-000050</b>	Stratus ESG ADS-B Transponder w/GPS	<b>\$3595</b>
<b>P/N 153010-000039</b>	Stratus ES ADS-B Transponder	<b>\$2995</b>
<b>P/N 153010-000062</b>	Stratus ESI System	<b>\$3590</b>
<b>P/N 153010-000063</b>	Stratus ESGi System	<b>\$4195</b>



## STRATUS POWER PRO USB PORTS

Enjoy the convenience of USB power in your aircraft-delivered by durable, high-quality engineering and enough power (2.5 amp) to charge two full-size iPads while they're in use. Stratus Power™ can be used with any combination of portable electronics and is FAA certified to TSO-C71.

<b>P/N 153010-000122</b>	Stratus Power Pro	<b>\$399</b>
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## TRIG COM RADIOS

Trig 760 channel Com radios fit both avionics stack mount and 2 1/4" hole mount, and features built-in 2-place intercom. The TY96A stack mount has a 10W transmitter and large digital display that allows you monitor the standby frequency, plus you can store up to 200 airport identifiers via the handy USB port. The TY97A has all the same features as TY96 but has a powerful 16W transmitter. The TY96 and TY97 also feature 8.33KHz frequency spacing.

The TY91 Com is a two-piece system, providing installation options in limited space. The control head fits a 2 1/4" hole and is only 1.4" deep, and the digital LCD display lets you monitor the standby frequency while storing up to 9 frequencies. The TY91 has a 6W transmitter, while the TY92 transmits at 16W. Both radios have 8.33KHz spacing.



<b>P/N 01079-00</b>	TY91 6W COM w/Remote Control Head	<b>\$1795</b>	<b>P/N 01227-00-01</b>	TY96 8.33KHz Panel Mount Com	<b>\$2652</b>
<b>P/N 01080-00</b>	TY92 10W COM w/Remote Control Head	<b>\$3920</b>	<b>P/N 01790-00-01</b>	TY97A 16W Panel Mount Com	<b>\$3045</b>
<b>P/N 01788-00-01</b>	TY96A 10W Panel Mount COM	<b>\$2410</b>	<b>P/N 01229-00-01</b>	TY97 16W 8.33 KHz Panel Mount Com	<b>\$3525</b>



## TRIG TX-56 NAV/COM

Trig's TX56 Nav/Com units provide the ideal platform to update legacy avionics or install in new aircraft. At only 1.3" high, TX56 saves valuable space yet contains an impressive selection of practical Nav/Com features. The Nav/Com display is clear and bright, showing both primary and secondary frequencies and airfield / VOR identifiers. TX56 has a built-in glide slope receiver, plus a Dual Watch allowing you to monitor two Com or Nav frequencies simultaneously – it's like having a second radio. The radio has a 'Say Again' feature. A single button press replays the last radio transmission. This feature is ideal for student pilots, but every pilot can get distracted, so it avoids the embarrassment of asking air traffic to repeat a message.

<b>P/N 01955-00-01</b>	TX56A Nav/Com (25KHz)	<b>\$4520</b>	<b>P/N 01577-00-01</b>	TX56 Nav/Com (8.33KHz)	<b>\$4800</b>
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## TRIG TRANSPONDERS

TRIG transponders are 1090/ES ADS-B Out compliant when connected to a WAAS GPS source. The TT22 is a two piece system and is the ideal companion to the TY-91/92 Coms where 2 1/4" hole mounts are all the space you have. The TT31 mounts in the avionics stack and is an easy replacement for the King KT76A/76C Transponder. Both models have built-in altitude encoders, saving time and money.

The Trig WAAS GPS Receivers couple to the TT22 and TT31 Transponders to provide the required position source, and comply with the ADS-B mandate.



<b>P/N 00772-00</b>	TT22 2 1/4" Mode S/ES Transponder	<b>\$2925</b>	<b>P/N 01381-00</b>	TN70 Certified GPS Receiver/Antenna	<b>\$2775</b>
<b>P/N 00225-00</b>	TT31 Panel Mount Mode S/ES Transponder	<b>\$2995</b>	<b>P/N 01685-00</b>	TN72 Experimental/LSA WAAS GPS	<b>\$535</b>



## S-TEC 3100 DIGITAL AUTOPILOT

The next-generation Genesys Aerosystems S-TEC 3100 Digital Flight Control System (DFCS) is a fully featured, attitude-based autopilot that gives you a list of workload-reducing and safety-enhancing capabilities that were previously unavailable on aftermarket autopilots. Compatible with advanced digital sources & EFIS displays from Garmin, Aspen and others, the S-TEC 3100 delivers unmatched features and benefits.



The built-in roll steering will track lateral and vertical navigation for VOR, localizer, glide slope, GPS, LPV, and FMS, plus vertical navigation target can be set on the S-TEC 3100 controller or through a compatible EFIS. The rock-solid altitude hold will keep the airplane at your selected altitude and the auto-trim lightens your workload. Other features include Straight and Level Button, Vertical Speed Control, and Roll Exceed warnings. The Altitude Preselect feature will give visual and aural alerts as you approach your selected altitude, while the Indicated Airspeed Hold will automatically maintain the precise airspeed you select-all you need to do is control power settings. In situations where you encounter overspeed or excessive banking, S-TEC 3100 will apply corrective actions to keep the aircraft from exceeding those limits.

- P/N S-TEC 3100 Digital AP System w/Autotrim
- P/N S-TEC 3100 Digital AP System w/Autotrim & Yaw Damper

**\$17,995**  
**\$23,995**

**STEC-3100 pricing varies depending on aircraft type.**  
**Please call for a quote for your aircraft.**

## AEROCRUZE AUTOPILOT

The dynamic performance of AeroCruze 100 autopilots is superior to that of any turn coordinator-based system. These digital systems can easily be configured in flight and include built-in slaved DG and associated heading selector. Because they're digital, AeroCruze autopilots can fly a wide range of aircraft from Kitfox, to an L-39 jet, and are certified for select Cessna, Piper and Mooney aircraft! The AeroCruze 100 is available in 2 1/4" and 3 1/8" round.

AeroCruze 230 Controller is a slide-in replacement for KFC 150 autopilot controllers-using the existing servos and installation.. AeroCruze 230 is the only touchscreen autopilot controller on the market and includes brand new 2-year warranty on those existing servos. Please call for supported aircraft.

- P/N AeroCruze 100 CERTIFIED STC'd Autopilot System for Cessna/Piper Aircraft
- P/N AeroCruze 100 CERTIFIED STC'd Autopilot System for for Mooney Aircraft
- P/N XCruze 100 Autopilot System – Experimental
- P/N KFC23002 AeroCruze 230 AutoPilot Controller - KFC 150 Upgrade

**\$6795**  
**Call For Price**  
**\$2795**  
**\$12,495**



## KX 200 NAV/COMM

General aviation's newest and most advanced NAV/COM radio is pilot-friendly by design. That's because we consulted pilots at every phase of a development process that started with a blank CAD screen and ended with the creation of a groundbreaking new radio for the 2020s and beyond.

The BendixKing KX 200 is an easy direct replacement with the same footprint as your current KX 155/165 radio. Moving up to the KX 200 couldn't be easier, since it's a direct replacement for your current KX 155, 165 and can substitute other radios using the same tray and connector. That also means the KX 200 is compatible with existing equipment, which reduces both cost and aircraft downtime during the conversion.



- P/N 89000002-120-14 KX 200 Nav/COMM 14V System
- P/N 89000002-120-28 KX 200 Nav/COMM 28V System

**\$5320**  
**\$5320**

## AERONAV GPS/NAV/COMS

AeroNav Series of touch screen navigators represent the next generation in flight management systems. Managing your radios is easy with AeroNav. Frequencies can easily be entered either by rotating the dual knobs on the left, or by using the touch-screen numeric keypad. COM frequencies can also be tuned directly by touching the displayed frequencies on Info, Nearest, and Frequency List pages. Aeronav touch screens allow pilots to perform virtually all of those same functions with a simple touch, plus pinch-zoom, map panning, and graphical flight plan editing. Terrain Awareness can be displayed over the color-contoured terrain base map for easy pilot recognition encroaching terrain.

AeroNav-910 features a built-in Attitude Reference System (ARS) that displays changes in pitch and roll, and also provides multi-colored synthetic vision with your flight path depicted on the screen in amazing 3D. Caution Alerts are provided when a collision with terrain is projected within approximately 60 seconds.

AeroNav are direct replacements for popular Garmin GNS Series Navigators. In most cases, they will utilize the existing tray and connectors, and are compatible with all the popular interface configurations, which can greatly minimize installation costs.

- P/N AN80001 GPS/Nav/Com
- P/N AN90001 GPS/Nav/Com
- P/N AN91001 GPS/Nav/Com w/AHRS

**\$16,395**  
**\$20,995**  
**\$28,695**





### AV-30 EFI & HSI

Upgrade to EFIS flight instruments without sacrificing the authentic look of a vintage attitude indicator and DG. The AV/30 mounts in a standard 3 1/8" instrument hole and can be configured as a primary flight display or directional Gyro, so installing two AV30's allows the removal the vacuum system from the aircraft. Simply install with power and ground, and existing pitot/static lines, and get digital attitude, air-speed, (indicated and true) altitude, altitude preselect, voltage, and turn coordinator.

<b>P/N UAX-90051-01</b>	AV-30E EFI w/AVLink (EXP)	<b>\$1894</b>
<b>P/N UAX-90052-01</b>	AV-30C EFI (TSO)	<b>\$2299</b>

#### AV-30 OPTIONS:

<b>P/N UAX-90077-01</b>	AV-Link (EXP)	<b>\$299</b>
<b>P/N UAX-90090-01</b>	AV-Link (STC)	<b>\$299</b>
<b>P/N UAX-90093-01</b>	Magnetometer (STC)	<b>\$299</b>
<b>P/N 90102-01</b>	Legacy AP Adapter (EXP)	<b>\$499</b>
<b>P/N 90104-01</b>	Legacy AP Adapter (STC)	<b>\$599</b>
<b>P/N 90103-01</b>	IFR HSI Interface (EXP)	<b>\$599</b>
<b>P/N 90105-01</b>	IFR HSI Interface (STC)	<b>\$699</b>



### ADS-B SOLUTIONS

The SkyBeacon and TailBeacon one-piece ADS-B out solutions are designed as direct replacements for the wingtip nav/strobe (skyBeacon) and tail position light (TailBeaconX) and have a WAAS GPS, ADS-8 out transmitter (978UAT), and antenna built in. As direct replacements, they can be user installed in just a few hours and use the existing wiring, and the Mode C Transponder already in the airplane.

TailBeaconX is the first Mode S ADS-B out Transponder designed to satisfy the requirements for existing and upcoming worldwide ADS-B regulations, especially those using ground and space-based ADS-B. Simply replace your existing tail position light with TailBeaconX and either the AV-20S or AV-30 EFIS indicators for transponder squawk display and control.

<b>P/N UAX-90098-01</b>	SkySensor Wingtip ADS-B In/Strobe	<b>\$750</b>
<b>P/N UAX-90032-01</b>	SkyBeacon Wingtip ADS-B Out Nav/Strobe	<b>\$2099</b>
<b>P/N UAX-90036-01</b>	TailBeacon Tail Light/ADS-B Out	<b>\$2099</b>
<b>P/N UAX-90059-03</b>	TailBeaconX Mode-S/ ADS-B Transponder (TSO)	<b>\$2499</b>
<b>P/N UAX-90059-05</b>	TailBeaconX/AV30C Bundle (TSO)	<b>\$4599</b>
<b>P/N UAX-90059-01</b>	TailBeaconX/AV30E Bundle (Experimental)	<b>\$4195</b>
<b>P/N UAX-90059-02</b>	TailBeaconX/AV20 Bundle (Experimental)	<b>\$3295</b>

### AV-20-S EFI

The AV-20 and AV-20S MFDs provide a wide array of supplemental flight information. With AoA display, G-meter, Attitude, Slip/Skid, Clock, OAT, Voltage, and others, a wealth of information can be at your fingertips. The unit incorporates a full color sunlight readable display, bezel-mounted light sensor for automatic display brightness, and an internal battery for operation in the event of power loss. The unit is designed to fit a standard 2 1/4" mounting hole and is approximately 2 inches deep. Dual 1/4" quick-connect fittings are provided for pitot and static connections on the rear of the unit.

<b>P/N UAX-90050-01</b>	AV-20S EFI (EXP)	<b>\$895</b>
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## TRUE BLUE POWER®

A division of Mid-Continent Instrument Co., Inc.

### MD93H CHRONOMETER/DUAL USB PORT

The MD93H Chronometer/USB Charger is FAA TSO'd and features intuitive operation with five modes: Local Time, UTC/Zulu Time, Flight Timer, Countdown Timer and Stopwatch. The Dual USB Charging Port charges any standard or high-power device with a USB interface with 3 amps per port, allowing simultaneous use of an iPad or tablet while also Charging the device. The MD93H has a 2-year limited warranty, fits a standard 2 1/4" instrument hole and has protection from short circuit, power surges and over-current potential. A 10-year internal battery to maintain time memory.

<b>P/N 6420093-4</b>	MD93H Chronometer/Dual Type A USB	<b>\$725</b>
<b>P/N 6420093-5</b>	MD93H Chronometer/Type A & C USB	<b>\$765</b>

### TRUE BLUE POWER USB PORTS

Plug in, power up and charge your iPad's, iPhones, tablets, and EFB's with these options for USB charging ports. 3 Amps of power will charge and power your devices and they are available as Type A, Type C, or combination of ports.

<b>P/N 6430202-5</b>	TA202 Dual Type-A Ports	<b>\$365</b>	<b>P/N 6430202-15</b>	TA202 Dual Type-A Ports-Lighted	<b>\$345</b>
<b>P/N 6430202-3</b>	TA202 Dual Type-C Ports	<b>\$365</b>	<b>P/N 6430202-13</b>	TA202 Dual Type-C Ports-Lighted	<b>\$345</b>
<b>P/N 6430202-1</b>	TA202 Type A/C Ports	<b>\$365</b>	<b>P/N 6430202-11</b>	TA202 Type A/C Ports-Lighted	<b>\$345</b>
<b>P/N 6430202-19</b>	TA202 Single Port Type-A	<b>\$179.95</b>	<b>P/N 6430202-7</b>	TA202 Single Port Type-C	<b>\$179.95</b>







AV-30 Software upgradeable for the latest features!

CONNECTING THE COCKPIT

# Achieve your best flying experience without sacrificing simplicity.

Our AV-30, AV-20-S, tailBeaconX, and additional accessories form the backbone of the **Connected Cockpit**, seamlessly integrating critical flight data, navigation aids, and extending connectivity beyond the confines of the aircraft to streamline the pilot's workload.



LOW-COST, EASY INSTALL



GLOBAL AIRSPACE READY



CUSTOMIZABLE DISPLAYS



AV-LINK

AV-MAG

AV-APA

AV-HSI

## TRANSPONDER CONTROL

Set tailBeaconX's Squawk, Mode, and ALT with the AV-30 or AV-20-E panel displays. Plus, with AV-30-C, get a Certified Primary Attitude Indicator and Directional Gyro with over 12 supplemental safety-enhancing features including AOA, Vertical Speed, Airspeed, G-meter & more.





**PMA450B/PMA450C AUDIO PANEL**

With the proliferation of Bluetooth® enabled devices in the cockpit, it was time to take the next step in connectivity with the introduction of the PMA450B/C. This 3rd generation PMA450B/C has two completely independent Bluetooth® modules, with ability to stream to a digital video camera, hear Foreflight® alerts, make a phone call to ATC for your IFR clearance, or listen to music. The PMA450B adds flightmate®—an integrated audio alert system gives the pilot the ability to hear alerts related to aircraft conditions. Both models have 5-unswitch audio inputs, Marker Beacon, and IntelliAudio® which positions by positioning the Com audio in the headset to sound as if it is coming from one of 9 unique positions.

- P/N PMA-450B** Audio Panel w/flightmate **\$2595**
- P/N PMA-450C** Audio Panel w/MKR Beacon **\$2195**



**PMA8000 SERIES AUDIO PANEL**

The popular PMA8000 series provide an audio panel solution for every application. The PMA8000's come with 2-year ProSupport Warranty, unprecedented audio quality, bluetooth capability, automatic VOX, music/cell phone interface, and multiple unswitched audio inputs. Internal Recording System (IRS) allows instant playback of radio messages.

PMA8000C built-in Marker Beacon has 3-COM capability, 6-place stereo intercom with three Isolation modes, plus a 3.5mm music input jack on the face. The "Monitor Mode" allows automatic muting of the non-primary radio, and it is a direct slide-in replacement for GMA-340. The PMA-8000G has the same features as PMA8000C, but adds a USB Port on the face of the unit, plus IntelliAudio which greatly enhances radio communications.

- P/N PMA8000C** Audio Panel w/3rd Com **\$1895**
- P/N PMA8000G** Audio Panel w/USB Charger **\$1895**



**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.

- P/N PMA6000B** Audio Panel **\$1495**
- P/N PMA6000B-OPT2** Audio Panel w/o Marker **\$1395**



**PMA7000 AUDIO PANEL**

The PMA 7000 features LED push button audio selection, plus a 6-place intercom with Intellivox auto-squelch. Two audio inputs allow pilot and passengers to listen to their own music preferences. The PMA7000M-BT is a direct slide-in replacement for the PMA6000 series of audio panel, and the PMA7000BT features stereo intercom and Bluetooth capability.

- P/N PMA7000M-BT** Audio Panel **\$1495**
- P/N PMA7000BT** Audio Panel w/Bluetooth **\$1695**



**PAR200B TSO'D AUDIO PANEL/COM RADIO**

The PAR200B 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 PAR200B is your control panel that accesses a very capable 760 channel VHF aviation radio.

- P/N PAR200B** Audio Panel/COM Radio/Stereo Intercom **\$3095**



**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 and output amplifier circuit is installed, providing a separate squelch circuit for the pilot, co-pilot, and passengers 1 & 2. The PM1200 w/ PTT & VOX works well in open cockpit aircraft.

- P/N 11922** PM1000II w/ Pilot Isolate **\$459.95**
- P/N 11960** PM1200 High Noise Intercom **\$499.95**
- P/N 11616** Expansion Unit for PM1000II **\$499.95**



**PMA3000 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.

- P/N 11931A** 4-Place **\$649.95**
- P/N 575-030-0005** 2.25" Mount Opt **\$39.95**



**PMA4000 AUDIO SELECTOR/INTERCOM**

The PMA4000 is the world's smallest 4-place audio panel with an integrated intercom. Switching allows for pilot isolate, all intercom and an Off mode as an automatic fail-safe interconnect to the primary Com radio. Independent volume controls for pilot and co-pilot are built-in and you have the ability to switch between two Coms and two Nav inputs. And additional four un-switched inputs allow for receivers, warnings, AP disconnect or GPS alerts.

- P/N 11942** **\$1195**
- P/N PAC24** Special Mission Audio Panel **\$2399**

- PRE-FAB HARNESS OPTIONS:**
- 2-PI Intercom Harness** **\$195**
  - 4-PI Intercom Harness** **\$275**
  - 2-PI Audio Panel/Intercom Harness** **\$390**
  - 4-PI Audio Panel/Intercom Harness** **\$490**



## 406 MHz EMERGENCY LOCATOR TRANSMITTERS

### 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 ELT's. Older generation ELT's 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, 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.

<b>P/N E-04</b>	406MHz ELT w/GPS Interface	<b>\$805</b>
<b>P/N E-04R</b>	E-01 Retrofit 406MHz ELT	<b>\$800</b>
<b>P/N E-04C.3</b>	406MHz ELT w/350 Knot Antenna	<b>\$1590</b>

### ELT REPLACEMENT BATTERIES AND ANTENNAS

<b>P/N E-04.0</b>	ACK Replacement Battery	<b>\$265</b>
<b>P/N E-04.10-8</b>	ACK/Ameri-King Switch Kit	<b>\$20</b>
<b>P/N E-04.5</b>	ACK Panel Switch Kit	<b>\$40</b>
<b>P/N E-04.8</b>	ACK Whip Antenna (Replacement)	<b>\$120</b>
<b>P/N 8322</b>	Artex ELT 345 Repl. Battery	<b>\$265</b>
<b>P/N 455-0012</b>	Artex ME406 Repl. Battery	<b>\$349</b>
<b>P/N 345-6196-04</b>	Artex ME406 Panel Switch Kit	<b>\$145</b>

### ACR RESQLINK W/ GPS PORTABLE ELT

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. ResQLink™ View displays latitude and longitude.

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



<b>P/N 2921</b>	ResQLink 400 Personal Locator Beacon	<b>\$369.95</b>
<b>P/N 2922</b>	ResQLink View Personal Locator Beacon	<b>\$419.95</b>

### GARMIN INREACH MINI-2 SATELLITE MESSENGER

InReach Mini-2 has global satellite coverage using the Iridium Satellite System with multiple ways to stay in touch with home. You can either use stand-alone, or sync to your smartphone and you'll 2-way texting capability, location sharing to allow friends and family to see your progress, and in case of emergency, you can trigger an SOS to Garmin Response(SM), a 24/7 staffed emergency response center. Mini-2 has a 14-day battery life, and built-in digital compass, weather forecasts, and a compact rugged design.



<b>P/N 010-02602-00</b>	InReach Mini2 Satellite Messenger	<b>\$399.99</b>
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### ARTEX ELT 345

The 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

<b>P/N 8102</b>	ELT 345 w/Whip Antenna	<b>\$870</b>
<b>P/N 8107</b>	ELT 345 w/Short Whip Antenna	<b>\$950</b>
<b>P/N 8322</b>	ELT345 Replacement Battery	<b>\$265</b>

### ACR PLB1 W/GPS

Wherever you are, at sea, on land, the PLB1 provides the reassurance global emergency services can be alerted by the press of a button. PLB1 is the world's smallest and lightest personal locator, and the internal GPS provides accurate position information for rescuers. PLB1 requires no subscriptions, and when activated this PLB transmits your position and your ID to a Rescue Coordination Center via satellite link, and rescue services nearest to you are promptly notified of your emergency to assist prompt rescue. The PLB1 is provided with a flotation pouch to fit the PLB into to enable it to float.



<b>PN 8110</b>	Personal Locator Beacon	<b>\$359.95</b>
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### ACR BIVY STICK SATELLITE MESSENGER

The ACR Bivy Stick turns your cell phone into a 2-way satellite messenger using the Iridium satellite network. Bivy Stick is the smallest and lightest satellite messenger available, and with its simple design and new user interface on the app, it has never been easier to share your location, get a weather report, send a message, or initiate an SOS. If your cell phone isn't available, you can send unlimited prepared messages directly from the Bivy Stick at no charge! The multiple affordable and flexible data plans help you keep your adventure budget to actual adventuring.



<b>P/N 4601</b>	Bivy Stick Satellite Messenger	<b>\$299.95</b>
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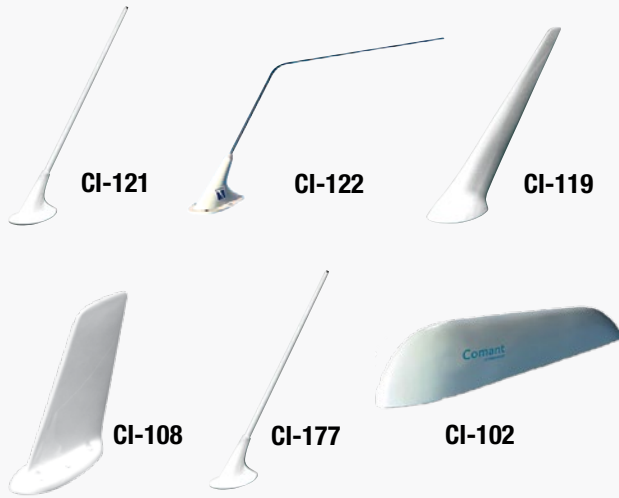
### GARMIN INREACH MESSENGER

When your journeys take you to remote locations, InReach Messenger is the compact satellite communicator that brings you closer to home by keeping in touch with global 2-way messaging. A simple user interface through the Garmin Messenger app on your smartphone makes it easy to exchange text messages with loved ones using the Iridium network. Messenger has "SOS" button in the event of an emergency, and you can Share your location using the apps Mapshare page. Don't let the 3" inch x 2.5 inch size and 4 oz weight fool you. InReach Messenger is tough, durable, impact-resistant and 28-day battery life. You can even get detailed weather updates on your paired device.



<b>P/N 010-02672-00</b>	InReach Messenger	<b>\$299.99</b>
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## COM ANTENNAS



**P/N CI-121** COM Antenna **\$255**  
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-108** COM Antenna **\$1459**  
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.

**P/N CI-122** COM Antenna **\$299**  
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-177** Business Band **\$419**  
Similar in style to CI-121 and designed for use over public service band.  
Rated for 250 knots. 148-174 MHz.  
Height: 12.5" Weight: .5 lb.

**P/N CI-119** COM Antenna **\$885**  
Designed for large twin to medium twins.  
Aerodynamically shaped for low drag.  
Rated for 350 knots. 118-136.75 MHz.  
Height: 13" Weight: 1.5 lbs.

**P/N CI-102** Marker Beacon **\$235**  
Designed for use with modern high sensitivity marker receivers. Rugged injection molded material and internal 4-hole mount.  
Height: 2.15" Length: 10.7"  
Weight: .6 lbs.

### CI-205-3 VOR

#### 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) Weight: 1.75 lbs. max  
VSWR: 5.0:1 max Impedance: 50 ohms  
Height: 5.25" max Polarization: Horizontal

Pattern: Omnidirectional  
Rated to 300 knots

**P/N CI-205-3 \$2395**

### 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. This 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.



Freq.: 108-118 MHz (NAV)  
VSWR: 5.0:1 max  
Freq.: 329 - 335 MHz (GS)

VSWR: 3.0:1 max  
Height: 6.0" max  
Weight: 2.5 lbs. max

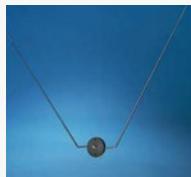
Pattern: Omnidirectional  
TSO C34c, C36c, C40a, DO-160  
Rated to 600 Knots (0.9 Mach)

**P/N CI-120 G/S \$2045**

### 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 Impedance: 50 ohms  
VSWR: 3.0:1 max Mounting: Vertical Fin Stabilizer  
Weight: 0.5 lb. max Rated to 250 knots

**P/N CI-157P \$449**

### 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 \$499**

## NAVIGATION COUPLERS



**P/N CI-502 \$255**  
Dual NAV Coupler  
The CI-502 permits the use of two NAVs through a single antenna.



**P/N CI-505 \$315**  
Dual NAV and Glideslope Coupler  
The CI-505 gives you the simultaneous use of two NAVs and one glideslope through a single antenna.



**P/N CI-507 \$215**  
Single NAV and Glideslope Coupler  
The CI-507 gives you the simultaneous use of one NAV and one glideslope through a single antenna.



**P/N CI-503 \$245**  
Dual Glideslope Coupler  
The CI-503 permits the use of two glideslopes through a single antenna.



**P/N CI-1125 \$295**  
Dual NAV and Dual Glideslope Coupler  
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

Impedance: 50 ohms  
 Mounting: Internal  
 TSO C74c, DO-138  
 Rated to 300 knots



**P/N CI-101 \$125**

### 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  
 VSWR: 1.3:1 max @ 1030 MHz  
 VSWR: 1.5:1 max @ 1090 MHz  
 Height: 3.3" max  
 Weight: 0.1 lbs. max

Impedance: 50 ohms  
 Mounting: Internal  
 TSO C74c, DO-138  
 Rated to 300 knots



**P/N 104-12 \$39**

## TRANSPONDER/ADS-B/DME ANTENNAS

### 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

Impedance: 50 ohms  
 Mounting: Internal  
 TSO C66b, C74c, DO-160A  
 Rated to 400 knots



**P/N CI-105 \$215**

### 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  
 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

Impedance: 50 ohms  
 Mounting: Internal  
 TSO C66b, C74c, DO-160A  
 Rated to 400 knots



**P/N AV-74 \$169**

## RA MILLER ANTENNAS AND COUPLERS



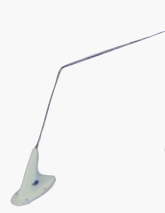
AV-22



AV-10



AV-534L



AV-17



AV-12L



AV-569



AV-571



AV-547



AV-3

### 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 \$225**

### 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 \$225**

### AV-17 BENT WHIP COM 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 \$239**

### 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 \$99**

### 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 \$129**

### 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 \$229**

### 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 \$315**

### 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 \$199**

### AV-547 DUAL VOR DIPLEXER

The AV-547 coupler feeds two navigation receivers from one antenna.

**P/N AV-547 \$159**

The CGR-30P brings glass panel technology to your panel, without breaking the bank. CGR is a Certified primary replacement for all of your engine instruments, and because it fits a standard 3 1/8" hole, it doesn't protrude from the panel or impede on any adjacent instruments. CGR-30P features a state-of-the-art, full color bar graph which assists with ROP/LOP leaning, in addition to digital readouts to see temperatures at a quick glance. CGR-30P can be configured to display a combination of important functions.

The CGR Basic system displays RPM, all EGT/CHT (bar graph), Fuel Flow, Fuel Remaining, GPH, Time-to-Empty, OAT, Volts, Local/Zulu Time, Flight Timer, and Tach Time. The CGR Premium System is designed for higher performance aircraft and in addition to all of the "Basic" functions, you get Manifold Pressure, % HP, Oil Temperature, Oil Pressure, Fuel Pressure, and individual Tank Fuel Quantity, plus the option to add functions such as Hydraulic Pressure, G-Meter, Amps, Carb Temperature, Induction Air Temperature, and CO Detector, and all are displayed in full color strips and digital indicators. One of the many impressive features of CGR-30P is its ability to provide alerts the moment a function exceeds its programmed limit. All engine data is displayed in one location so there is no need to search the entire instrument panel to get critical data, and there are easy to see annunciators to give you instant information of status. Also provided is a programmable checklist capable of storing 50+ checklist items which can be created in a text editor and then uploaded via USB port.

The CGR-30C Combo Package is an approved Primary Instrument Replacement, and can display up to 16 Primary Instruments on two 3 1/8" displays. This allows you to see all engine indications, fuel quantity, and cautionary alerts at a glance without having to turn a knob or change a display. The second screen can display up to 6 secondary functions or additional primary functions that will not fit on the Main Screen. These primary functions will all annunciate to whichever screen you're viewing if a limit is violated. The red and/or yellow range annunciators on the Secondary Screen will blink to alert the pilot of any potential problem with a primary function on the Main Screen.

CGR-30P is also available for twin engine aircraft and are also certified replacements for all the analog gauges. Available in a two display or four display package. All models of CGR-30P can store engine performance data for up to 1500 hours of flight which can be downloaded at any time via USB port, and the packages are factory programmed specifically for your airplane.

<b>P/N CGR-30P-4-B (4 Cylinder) Basic</b>	<b>\$3398</b>	<b>P/N CGR-30P-6-P (6 Cylinder) Premium</b>	<b>\$4448</b>
<b>P/N CGR-30-Combo-4 2-Displays (4 Cylinder)</b>	<b>\$5048</b>	<b>P/N CGR-30P-B-A UBG-16 to CGR Upgrade w/FF</b>	<b>\$2998</b>
<b>P/N CGR-30P-4-P (4 Cylinder) Premium</b>	<b>\$4098</b>	<b>P/N CGR-30-T-4 (4 Cylinder) Twin System</b>	<b>\$7998</b>
<b>P/N CGR-30-Combo-6 2-Displays (6 Cylinder)</b>	<b>\$5398</b>	<b>P/N CGR-30-T-6 (6 Cylinder) Twin System</b>	<b>\$8998</b>
<b>P/N CGR-30P-6-B (6 Cylinder) Basic</b>	<b>\$4098</b>	<b>P/N CGR-30-TC-4 (4 Cylinder) Twin Combo System</b>	<b>\$8998</b>
<b>P/N CGR-30P-B-A UBG-16 to CGR Upgrade</b>	<b>\$3098</b>	<b>P/N CGR-30-TC-6 (6 Cylinder) Twin Combo System</b>	<b>\$10,298</b>



## 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 provides 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.

MVP-50 Packages includes the color display unit, EDC Engine Data Converter, AL-1 Caution/Warning Lights, USB memory stick, Ammeter Shunt, pre-wired harness, and all probes/sensors for EGT and CHT, OAT, RPM, Manifold Pressure, Oil Pressure, Oil Temperature, Fuel Pressure, Fuel Flow Transducer, and Fuel Quantity.



<b>P/N MVP-50P-4</b> 4-Cylinder-Experimental	<b>\$5350</b>	<b>P/N MVP-50P-6</b> 6-Cylinder-TSO/Certified	<b>\$6650</b>	<b>P/N MVP-50TE</b> Turbine Experimental	<b>From \$7400</b>
<b>P/N MVP-50P-6</b> 6-Cylinder-Experimental	<b>\$5800</b>	<b>P/N MVP-50P-4T</b> 4-Cylinder Twin System	<b>\$14,600</b>	<b>P/N MVP-50TC</b> Turbine Certified	<b>From \$10,400</b>
<b>P/N MVP-50P-4</b> 4-Cylinder-TSO/Certified	<b>\$6250</b>	<b>P/N MVP-50P-6T</b> 6-Cylinder Twin System	<b>\$15,600</b>		





### 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
- Compact size: 2.5" x 2.5" x 3.65"

P/N M-1 **\$539**



### 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 **\$575**



### 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 **\$565**



### FP-5L FUEL COMPUTER

FP-5L is a highly accurate Fuel Computer with display of GPH, fuel used, fuel remaining, time to empty, and when connected to a GPS fuel needed to destination, and fuel reserve. Two programmable fuel alarms, and options to display in nautical or statute miles, and gallons or liters.

P/N FP-5L/FT60 Fuel Computer w/Standard Flow Transducer **\$578**  
P/N FP-5L/FT90 Fuel Computer w/Gravity Flow Transducer **\$578**

### SINGLE CHANNEL EGT OR CHT KIT

The E-1 (EGT) and C-1 (CHT) are single cylinder temp STC'd indicators that are accurate to 1° and include the appropriate probe and harness. The indicator fits a standard 2.25" hole and is only 2.5" deep. The large sunlight readable display is also back-lighted for night use. The E-1P and C-1P are certified primary replacement for OEM EGT/CHT.



P/N E-1 EGT **\$355**  
P/N E-1P EGT **\$395**  
P/N EC-1 CHT **\$495**



### PRIMARY REPLACEMENT CHT AND EGT (OR PRIMARY TIT)

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

P/N SC-5 **\$349**  
P/N EAC-1 **\$519**  
P/N VA-1A **\$399**

### 4-CYLINDER SYSTEM

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.

P/N E-4 **\$745**  
P/N C-4 **\$745**



### SUPER CLOCK

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.

P/N SC-5 **\$375**

### SINGLE CHANNEL EGT/OAT/CHT KIT WITH ICE ZONE WARNING LIGHT

1°F Resolution, 1/2% Accuracy, STC'd, TSO'd, PMA'd. Pkg. Includes: Unit, 3 ea. 6' Cables, 1 ea. EGT probe, 1 ea. OAT Probe, 1 ea. CHT Probe.

P/N EAC-1 **\$545**



### DIGITAL FUEL QUANTITY INDICATOR (FOR USE ON HOMEBUILT AIRCRAFT ONLY)

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, (Yellow LED), and 1/8 Tank Low Fuel Warning, (Red LED). 2.25" Mount, 3.65" Depth, 10 oz. Viewable in direct sunlight, Backlit, Operates from 7.5 to 35 Volts at .3 amps.

P/N FL-2R **\$535**  
P/N FL-2C **\$535**

### VOLT-AMMETER PRIMARY REPLACEMENT VOLT/AMP INSTRUMENT

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.

P/N VA-1A **\$425**  
P/N S-50 50 amp External Shunt **\$40**  
P/N S-300 300 amp External Shunt **\$55**





**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 vertically or horizontally and bezel size is 3.1" x 4".

<b>P/N EDM-900-4CP-0</b>	4 Cylinder System	<b>\$5365</b>
<b>P/N EDM-900-4CP-2</b>	4 Cylinder System-2 Fuel Quantity	<b>\$5610</b>
<b>P/N EDM-900-4CP-4</b>	4 Cylinder System-4 Fuel Quantity	<b>\$5975</b>
<b>P/N EDM-900-6CP-0</b>	6 Cylinder System	<b>\$5855</b>
<b>P/N EDM-900-6CP-2</b>	6 Cylinder System-2 Fuel Quantity	<b>\$6095</b>
<b>P/N EDM-900-6CP-4</b>	6 Cylinder System-4 Fuel Quantity	<b>\$6465</b>



**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.

<b>P/N EDM-790-4C</b>	4 Cylinder System	<b>\$4340</b>
<b>P/N EDM-790-6C</b>	6 Cylinder System	<b>\$5610</b>
<b>Internal Fuel Computer Option w/ Transducers</b>		<b>\$1215</b>



**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.

<b>P/N EDM-930-4CP-0</b>	4 Cylinder System	<b>\$7185</b>
<b>P/N EDM-930-4CP-2</b>	4 Cylinder System-2 Fuel Quantity	<b>\$7440</b>
<b>P/N EDM-930-4CP-4</b>	4 Cylinder System-4 Fuel Quantity	<b>\$7690</b>
<b>P/N EDM-930-6CP-0</b>	6 Cylinder System	<b>\$7540</b>
<b>P/N EDM-930-6CP-2</b>	6 Cylinder System-2 Fuel Quantity	<b>\$7795</b>
<b>P/N EDM-930-6CP-4</b>	6 Cylinder System-4 Fuel Quantity	<b>\$8045</b>



**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 are 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.

<b>P/N EDM-960-4CP-0</b>	4 Cylinder Twin System	<b>\$13,775</b>
<b>P/N EDM-960-4CP-2</b>	4 Cylinder Twin System-2 Fuel Quantity	<b>\$14,315</b>
<b>P/N EDM-960-4CP-4</b>	4 Cylinder Twin System-4 Fuel Quantity	<b>\$15,295</b>
<b>P/N EDM-960-6CP-0</b>	6 Cylinder Twin System	<b>\$14,975</b>
<b>P/N EDM-960-6CP-2</b>	6 Cylinder Twin System-2 Fuel Quantity	<b>\$15,560</b>
<b>P/N EDM-960-6CP-4</b>	6 Cylinder Twin System-4 Fuel Quantity	<b>\$16,385</b>



## EDM-730/EDM-830 COLOR ENGINE MONITOR

Featuring full color displays, the EDM-730 and EDM-830 can instantly monitor the performance and health of your engine at a glance. Both systems include all cylinders EGT/CHT, and battery voltage, while the EDM-830 adds RPM, Manifold Pressure, % Horsepower, and Fuel Computer as standard features. Both displays can be mounted in portrait or landscape in a standard 3 1/8" instrument hole. EGT/CHT is presented in large colored graph as well as digitally, and tape/slide display for other temps and pressure are easily displayed. Familiar arc RPM and Manifold Pressure presentations complete this all color display. EDM-730/830 automatically finds first EGT to peak, monitors shock cooling, and has internal data storage for engine performance and trends for later download. EDM-730/830 also has the option of replacing the factory installed analog CHT gauges.

<b>EDM-730-4C</b>	4 Cylinder System	<b>\$1785</b>
<b>EDM-730-6C</b>	6 Cylinder System	<b>\$2260</b>
<b>EDM-730-9C</b>	9 Cylinder Radial Engine System	<b>\$2935</b>
<b>EDM-830-4C</b>	4 Cylinder System w/Fuel Flow, RPM, Man Press & OAT	<b>\$2870</b>
<b>EDM-830-6C</b>	6 Cylinder System w/Fuel Flow, RPM, Man Press & OAT	<b>\$3260</b>
<b>EDM-830-9C</b>	9 Cylinder Radial Engine System	<b>\$4075</b>

**Fuel Computer Option w/Transducer (EDM-730) For Cont./Lyc**  
**Temperature Options: Oil Temp, Carb Temp, OAT, TIT**  
**Primary CHT Replacement**

**\$539**  
**\$195 Each**  
**\$320**



## FS-450 FUEL COMPUTER

The FS-450 Fuel Computer fits a 2 1/4" hole and features two digital displays providing continuous display of fuel flow (gallons or pounds) 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 with a GPS you will also see Fuel Needed to Destination and Fuel Reserve. FS-450M is the least expensive twin engine fuel computer on the market and fits a standard 3 1/8" hole. You'll see fuel flow for both engine simultaneously, with a third window for Fuel Remaining, Used, and Time-to-Empty. Systems are TSO'd/ STC'd, and include flow transducer, and harness.



<b>P/N FS-450P</b>	Fuel Computer-Pressure/Injected Engines	<b>\$665</b>
<b>P/N FS-450G</b>	Fuel Flow-Gravity Feed System	<b>\$665</b>
<b>P/N FS-450M</b>	Twin Engine Fuel Computer w/Transducers	<b>\$1059</b>

## EDM-350 ENGINE MONITOR-EXPERIMENTAL AIRCRAFT

This compact color engine monitor designed for experimental aircraft fits a standard 3 1/8" instrument hole comes standard with all cylinders of EGT and CHT and has, full customization features, with legendary JPI quality and accuracy. Option includes RPM, Manifold Pressure, Fuel Flow, Oil Temp and Pressure, Fuel Pressure, Fuel Quantity L & R, and much more. EDM-350 is the most cost effective, reliable piston engine experimental EDM instrument on the market.



<b>P/N EDM-350-4C</b>	4-Cyl EGT/CHT	<b>\$1060</b>
<b>P/N EDM-350-6C</b>	6-Cyl EGT/CHT	<b>\$1275</b>
<b>P/N EDM-350 Options</b>	Software For Additional Functions	<b>\$250</b>
<b>P/N 420815-X</b>	Tach Sensor (Specify Bendix/Slick)	<b>\$295</b>
<b>P/N 604010</b>	Manifold Pressure Sensor	<b>\$295</b>
<b>P/N 400505</b>	Oil Temp Probe	<b>\$195</b>
<b>P/N 306018</b>	Oil Pressure Sensor	<b>\$295</b>

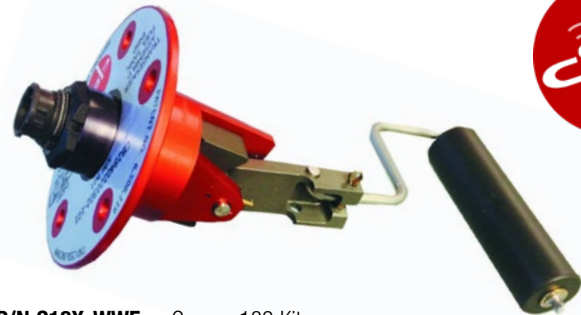
*\*Call For More Temp/Pressure Options*

## CIES DIGITAL FUEL QUANTITY PROBES

Since 2012, CiES has lead the industry in magnetic field fuel quantity for an all-new type of fuel quantity measurement for aviation. This technology incorporates a non-contact fuel measurement principle, allowing for a truly intrinsically safe fuel quantity system in aircraft. The CiES digital fuel quantity system utilizes a high technology sensor system that allows repeatable accurate measurement of fuel in aircraft tank. This high technology and patented sensor system allows fuel measurements with accuracy within 1% and a change in fuel level to less than 0.03 of an inch.

CiES digital fuel quantity probes are designed to work with the standard analog fuel quantity indicators for increased fuel quantity accuracy, but they excel when used with current certified and experimental modern glass EFIS type displays. CiES senders are compatible with systems from Garmin, JP Instruments, Electronics International, Dynon Avionics, and others to make individual tank fuel quantity indication easy and accurate.

In addition to accuracy, CiES fuel quantity probes are built with reliability in mind. These probes exceed 90,000 hours mean-time-to-failure making them the most reliable systems in aviation. Once you have installed magnetic field fuel sensing, your fuel level sensing problems will be solved. CiES makes a wide variety of incredibly accurate digital fuel quantity senders and pricing will depend on type aircraft, number of fuel tanks, and the type of indicator. Please call for pricing for your application.



<b>P/N C18X-WWF</b>	Cessna 182 Kit	<b>\$1250</b>
<b>P/N C210F</b>	Cessna 210 Kit	<b>\$1250</b>
<b>P/N PCH-2F</b>	Piper PA-28 Kit	<b>\$2500</b>
<b>P/N PCH-4F</b>	Piper PA-32 Kit	<b>\$2500</b>
<b>P/N B40-F</b>	V35 Bonanza Kit	<b>\$2500</b>
<b>P/N FGJK-F</b>	Mooney C-E Kit	<b>\$1250</b>

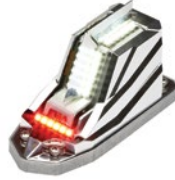
Whelen Engineering has been a leader in aircraft lighting for decades, and their new series of LED lighting are time and field- tested for reliability and long-life performance under tough conditions required by Fire and Law Enforcement professionals around the world. Whelen aircraft lighting systems are designed to easily replace your existing legacy incandescent, xenon, or halogen lighting.



Parmetheus G3



Orion 600



Orion 650



Tail Position



Anti-Collision

## PARMETHEUS LANDING & TAXI LIGHTS

The Parmetheus series provides a new level of performance and reliability, and provide a variety of upgrade choices.

<b>P/N P36G3T</b>	Parmetheus G3 14/28v Taxi Light	<b>\$299</b>
<b>P/N 46PRO</b>	Parmetheus Plus Lighting Light	<b>\$599</b>
<b>P/N OR36R1N</b>	Red Anti-Collision 14v 3.75" Base	<b>\$620</b>
<b>P/N OR36R2W</b>	Red Anti-Collision 28v 3.75" Base	<b>\$680</b>
<b>P/N OR36S1N</b>	Red/White Anti-Collision 14v 3.75"	<b>\$680</b>
<b>P/N OR36S2W</b>	Red/White Anti-Collision 28v 3.75"	<b>\$680</b>
<b>P/N A500AV14</b>	Tail Strobe/Position 14v/Vertical	<b>\$501</b>
<b>P/N A500AV28</b>	Tail Strobe/Position 28v/Horizontal	<b>\$501</b>
<b>P/N OR5001V</b>	Tail Position Light 14v/Vertical	<b>\$475</b>
<b>P/N OR5002V</b>	Tail Position Light 28v/Vertical	<b>\$475</b>

## ORION NAV/STROBE & POSITION LIGHTS

The Orion series is the latest state-of-the art LED technology available either as an all-inclusive package, or individual units.

<b>P/N OR6001R</b>	Orion 600 14v Nav/Strobe-Red	<b>\$625</b>
<b>P/N OR6002G</b>	Orion 600 28V Nav/Strobe-Green	<b>\$625</b>
<b>P/N OR6002R</b>	Orion 600 28V Nav/Strobe-Red	<b>\$625</b>
<b>P/N A650PG1</b>	Nav/Strobe 14v-Green	<b>\$685</b>
<b>P/N A650PR1</b>	Nav/Strobe 14v-Red	<b>\$685</b>
<b>P/N A650PG2</b>	Nav/Strobe 28v-Green	<b>\$685</b>
<b>P/N A650PR2</b>	Nav/Strobe 28v-Red	<b>\$685</b>
<b>P/N OR6501G</b>	Orion 650 Nav/Strobe 14v-Green	<b>\$509</b>
<b>P/N OR6501R</b>	Orion 650 Nav/Strobe 14v-Red	<b>\$509</b>
<b>P/N OR6502G</b>	Orion 650 Nav/Strobe 28v-Green	<b>\$509</b>
<b>P/N OR6502R</b>	Orion 650 Nav/Strobe 28v-Red	<b>\$509</b>



AeroLEDs state-of-the-art LED lighting products are designed to replace aircraft legacy lighting systems and virtually eliminate bulb replacements as they are rated for 30,000+ hours MTBF. AeroLEDs consume minimal power yet produce substantially more light output for a clear edge-to-edge view of the runway/taxiway. Known for their **SIGNATURE INTEGRATED PULSE FEATURE**, AeroLEDs aims to reduce bird strikes and increase aircraft recognition for collision avoidance with other aircraft. AeroLEDs serves every spectrum of the worldwide aviation market, **both certified and experimental**, for safer and more reliable flying.

## LANDING & TAXI LIGHTS

<b>P/N 01-1030-L-A</b>	45w SunSpot 36 LXI 9-30V Landing	<b>\$249</b>
<b>P/N 01-1030-4509</b>	75w SunSpot 36-4509 12V Landing	<b>\$349</b>
<b>P/N 01-1030-4591</b>	75w SunSpot 36-4591 24V Landing	<b>\$349</b>
<b>P/N 01-1030-4509-H</b>	75w SunSpot 36-4509-H 12V Landing w/pulse	<b>\$400</b>
<b>P/N 01-1030-4591-H</b>	75w SunSpot 36-4591-H 24V Landing w/pulse	<b>\$400</b>
<b>P/N 01-1030-4313</b>	100w SunSpot 36-4313 12V Landing	<b>\$650</b>
<b>P/N 01-1030-4314</b>	100w SunSpot 36-4314 12V Taxi	<b>\$650</b>
<b>P/N 01-1030-4313-H</b>	100w SunSpot 36-4313-H 12V Landing w/pulse	<b>\$700</b>
<b>P/N 01-1030-4314-H</b>	100w SunSpot 36-4314-H 12V Taxi w/pulse	<b>\$700</b>
<b>P/N 01-1030-LT-12</b>	100w SunSpot 36 EQUINOX 12V Dual Landing/Taxi w/pulse	<b>\$850</b>
<b>P/N 01-1030-4596</b>	100w SunSpot 36-4596 24V Landing	<b>\$650</b>
<b>P/N 01-1030-4587</b>	100w SunSpot 36-4587 24V Taxi	<b>\$650</b>
<b>P/N 01-1030-4596-H</b>	100w SunSpot 36-4596-H 24V Landing w/pulse	<b>\$700</b>
<b>P/N 01-1030-4587-H</b>	100w SunSpot 36-4587-H 24V Taxi w/pulse	<b>\$700</b>
<b>P/N 01-1030-LT-24</b>	100w SunSpot 36 EQUINOX 24V Dual Landing/Taxi w/pulse	<b>\$850</b>
<b>P/N 01-2130-LX</b>	85w SunSpot 46 LX 9-30V Landing	<b>\$650</b>
<b>P/N 01-2130-HX</b>	85w SunSpot 46 HX 9-30V Landing w/pulse	<b>\$750</b>
<b>P/N 01-2230-4522</b>	140w SunSpot 46-4522 12V Landing	<b>\$750</b>
<b>P/N 01-2230-4522-H</b>	140w SunSpot 46-4522-H 12V Landing w/pulse	<b>\$800</b>
<b>P/N 01-2230-4580</b>	175w SunSpot 46-4580 24V Landing	<b>\$850</b>
<b>P/N 01-2230-4554</b>	175w SunSpot 46-4554 24V Taxi	<b>\$850</b>
<b>P/N 01-2230-4580-H</b>	175w SunSpot 46-4580-H 24V Landing w/pulse	<b>\$900</b>
<b>P/N 01-2230-4554-H</b>	175w SunSpot 46-4554-H 24V Taxi w/pulse	<b>\$900</b>
<b>P/N 01-2250-4559</b>	200w SunSpot 64-4559 24V Landing	<b>\$1,650</b>
<b>P/N 90-1000-12</b>	SunBeam 12V Landing w/pulse	<b>\$395</b>
<b>P/N 90-1000-24</b>	SunBeam 24V Landing w/pulse	<b>\$395</b>
<b>P/N 01-2120</b>	AeroSun (Experimental)	<b>\$325</b>
<b>P/N 01-2500</b>	AeroSun Vx (Experimental)	<b>\$895/pair</b>
<b>P/N 01-1170</b>	MicroSun (Experimental)	<b>\$350</b>
<b>P/N 01-1170-A</b>	MicroSun External Mount (Experimental)	<b>\$350</b>
<b>P/N 01-1150</b>	SunRay (Experimental)	<b>\$295</b>
<b>P/N 01-7079-24</b>	StarLight 24V Ice Light	<b>\$245ea</b>



Pulsar Series



Sunspot PAR36



Sunspot PAR46



Sunbeacon



Suntail

## NAV/STROBE/POSITION LIGHTS

<b>P/N 11-1100-12</b>	Pulsar (pair) 12V Navigation, Strobe, Position	<b>\$1,250/pair</b>
<b>P/N 11-1100-24</b>	Pulsar (pair) 24V Navigation, Strobe, Position	<b>\$1,250/pair</b>
<b>P/N 11-1280-A-12</b>	Pulsar N (pair) 12V Navigation	<b>\$695/pair</b>
<b>P/N 11-1280-A-24</b>	Pulsar N (pair) 24V Navigation	<b>\$695/pair</b>
<b>P/N 11-1280-B-12</b>	Pulsar NS (pair) 12V Navigation, Strobe	<b>\$1,150/pair</b>
<b>P/N 11-1280-B-24</b>	Pulsar NS (pair) 24V Navigation, Strobe	<b>\$1,150/pair</b>
<b>P/N 11-1280-C-12</b>	Pulsar NSP (pair) 12V Navigation, Strobe, Position	<b>\$1,195/pair</b>
<b>P/N 11-1280-C-24</b>	Pulsar NSP (pair) 24V Navigation, Strobe, Position	<b>\$1,195/pair</b>
<b>P/N 01-1100-12</b>	Pulsar (pair experimental) 12V Navigation, Strobe, Position	<b>\$995/pair</b>
<b>P/N 01-1280-B-12</b>	Pulsar NS (pair exp) 12V Navigation, Strobe	<b>\$895/pair</b>
<b>P/N 01-1280-B-24</b>	Pulsar NS (pair exp) 24V Navigation, Strobe	<b>\$895/pair</b>
<b>P/N 01-1280-C-12</b>	Pulsar NSP (pair exp) 12V Navigation, Strobe, Position	<b>\$929/pair</b>
<b>P/N 01-1280-C-24</b>	Pulsar NSP (pair exp) 24V Navigation, Strobe, Position	<b>\$929/pair</b>
<b>P/N 11-7512-12</b>	Polaris 12V Navigation Bulb	<b>\$124.95ea</b>
<b>P/N 11-7512-24</b>	Polaris 24V Navigation Bulb	<b>\$124.95ea</b>
<b>P/N 11-1260-12</b>	SunTail 12V Strobe, Position	<b>\$495</b>
<b>P/N 11-1260-24</b>	SunTail 24V Strobe, Position	<b>\$495</b>
<b>P/N 01-1260-12</b>	SunTail (exp) 12V Strobe, Position	<b>\$395</b>
<b>P/N 01-1260-24</b>	SunTail (exp) 24V Strobe, Position	<b>\$395</b>
<b>P/N 11-2200-A-12</b>	SunBeacon II (red)	<b>\$695</b>
<b>P/N 11-2200-A-24</b>	SunBeacon II (red)	<b>\$695</b>
<b>P/N 11-2200-B-12</b>	SunBeacon II (white)	<b>\$695</b>
<b>P/N 11-2200-B-24</b>	SunBeacon II (white)	<b>\$695</b>



# STRATUS

by APPAREO



## BRINGING SAFETY & SIMPLICITY TO AVIONICS

### DESIGNED, TESTED, AND BUILT IN THE USA

Appareo has been developing products to enhance situational awareness for more than 15 years. With our Stratus line of ADS-B receivers, transponders, and USB charging ports, Stratus products are designed and built by pilots, for pilots.



STRATUS  
INSIGHT™

Stratus Insight is a full electronic flight bag suite that includes AHRS with synthetic vision, TAWS, VFR sectional maps, IFR low/high charts, and geo-referenced approach plates.

[stratusinsight.app](http://stratusinsight.app)



**RC ALLEN DIGITAL ATTITUDE INDICATORS**

The Mini6 indicator is the newest addition to RC Allen's ground-breaking line of digital instruments. It offers all the instrumentation of a traditional Six Pack in one clean, customizable and easy to read presentation. The fully certified, easy to install indicator comes equipped with an internal battery backup providing an exceptional level of redundancy to any application. The Mini6 displays attitude, airspeed, altimeter, VS, and ground track (with GPS interface) and panel tilt is user configurable. Available in 2 1/4" and 3 1/8"

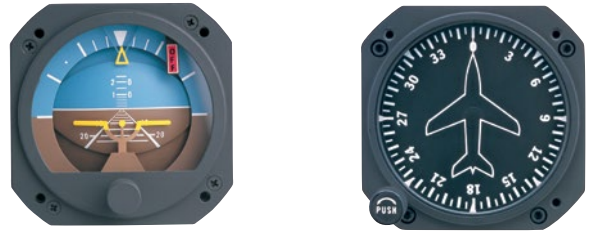
The RCA1510 electronic directional gyro utilizes information from an internal magnetometer and GPS data through an RS232 input. The display has multiple options which can show the Magnetic Heading or GPS Ground Track individually or both simultaneously. The internal back-up battery provides up to three hours of power.

<b>P/N 102-0403-17</b>	Mini6 EFIS	<b>\$2995</b>
<b>P/N RCA1510-3</b>	Digital Heading Indicator	<b>\$2785</b>

**AVIONICS COAST-TO-COAST**

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**FAST • EASY • SECURE**



**VACUUM HORIZONS**

<b>P/N RCA22-7</b>	RC Allen Horizon	<b>\$995</b>
<b>P/N RCA22-7F</b>	RC Allen Horizon w/Warning Flag	<b>\$1115</b>
<b>P/N RCA22-11</b>	RC Allen Horizon – Lighted	<b>\$1115</b>

**VACUUM DIRECTIONAL GYROS**

<b>P/N RCA11A-8</b>	RC Allen DG	<b>\$995</b>
<b>P/N RCA11A-8F</b>	RC Allen DG w/Warning Flag	<b>\$1115</b>

**ELECTRIC HORIZONS**

<b>P/N RCA26EK-11</b>	RC Allen Fixed Pointer (11-33v)	<b>\$2295</b>
<b>P/N RCA26EK-12</b>	RC Allen Fixed Pointer – Lighted (11-33v)	<b>\$2425</b>
<b>P/N RCA26EK-13</b>	RC Allen Movable Pointer (11-33v)	<b>\$2250</b>
<b>P/N RCA26EK-14</b>	RC Allen Movable Pointer – Lighted (11-33v)	<b>\$2425</b>

**ELECTRIC DIRECTIONAL GYROS**

<b>P/N RCA15EK-2</b>	RC Allen DG (11-33v)	<b>\$2295</b>
<b>P/N RCA15EK-1</b>	RC Allen DG-Lighted (11-33v)	<b>\$2425</b>

**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, altitude, 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

<b>P/N 6420302-1</b>	MD302 Standby Attitude Module	<b>\$9925</b>
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**ALTITUDE ENCODERS**



Size: 5.5" x 2.5" x 1.5"  
Weight: .5 lbs.

**ACK A-30**

The ACK Technologies A30 is FAA TSO C-88A approved and one of the lightest, most compact encoders available. The A30.5 is a grey code Encoder certified to 30,000 feet, while the A30.9 has two RS-232 output for better interfaces to modern digital avionics, and is certified to 42,000 feet. Both models operate in either 14v or 28v aircraft, and weigh less than 6 ounces. A30's come with mounting tray, connector with 4 foot wiring harness, pitot/static fittings and tubing.

<b>P/N A-30.5</b>	30K Altitude Encoder	<b>\$249.95</b>
<b>P/N A-30.9</b>	30K Altitude Encoder w/ RS-232 Output	<b>\$265.95</b>



Size: 3.42" x 2.5" x 1.37"  
Weight: 5.9 oz.

**TRANS-CAL SSD-120N**

The Trans-Cal SSD-120N is an all solid state encoder that is TSO C-88a and certified to 30,000 feet. It is compatible with all transponders and is a pin-for-pin replacement for most other manufacturers encoders, plus it is available with an optional adapter plate that will allow the installer to mount the unit in another manufacturer's mounting tray. The SSD-120N-RS232 model has an additional 9-pin serial data port for interfacing altitude data to other avionics.

<b>P/N SSD-120N</b>	Altitude Encoder	<b>\$379</b>
<b>P/N SSD-120N/RS232</b>	Altitude Encoder w/RS232 Output	<b>\$549</b>
<b>P/N 103036</b>	Adapter Plate D 120-P2-T	<b>\$35.95</b>



## ALTIMETERS

### UNITED INSTRUMENTS

We offer several configurations of United Instruments altimeters for certified aircraft. TSO'd Altimeters United Instruments are available in 20,000 and 35,000 foot scales and measure baro in inches, Mb, or both. Instrument size of 3 1/8" and 2 1/4" are available as well as lighting in 14, 28, or 5 volts. Please call to get the best altimeter for your aircraft.



### U.M.A. INSTRUMENTS

We offer several configurations of U.M.A. Instruments altimeter for experimental and Light Sport aircraft. Non-TSO'd Altimeters from U.M.A Instruments are available in 10,000 and 20,000 foot scales and measure baro in Inches or Millibars. Instrument size of 3 1/8" and 2 1/4" are available as well as lighting in 14, 28, or 5 volts. Please call to get the best altimeter for your aircraft.



## VERTICAL SPEED INDICATORS

### UNITED INSTRUMENTS

We offer several configurations of United Instruments vertical speed indicators for certified aircraft. TSO'd Vertical Speed Indicators from United Instruments are available in 2,000, 3,000, 4,000, and 6,000 foot scales. Instrument size of 3 1/8" and 2 1/4" are available as well as lighting in 14, 28, or 5 volts. Please call to get the best VSI for your aircraft.



### U.M.A. INSTRUMENTS

We offer several configurations of U.M.A. Instruments vertical speed indicators for experimental and Light Sport aircraft. Non-TSO'd Vertical Speed Indicators from U.M.A. Instruments are available in 2,000, 3,000, and 4,000, scales. Instrument size of 3 1/8" and 2 1/4" are available as well as lighting in 14, 28, or 5 volts. Please call to get the best VSI for your aircraft.



## AIRSPPEED INDICATORS



We offer a variety of Airspeed Indicators and True Airspeed Indicators for LSA/Experimental and certified aircraft. TSO'd Airspeeds from United Instruments and UMA Instruments are available in MPH, knots, or both, and have internal lighting options. UMA Instruments also makes a full line of non-TSO'd Airspeed in both standard 3 1/8" and 2 1/4" sizes and they can be range marked to your specifications. Please call to get the best airspeed for your aircraft.

## TURN INDICATORS



**TURN COORDINATOR**



**TURN-N-BANK**

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

### Electric Gyro Corporation – TSO'd:

P/N 1394T100-7B	Turn Coordinator	<b>\$985</b>
P/N 1394T100-3B	Lighted Turn Coordinator	<b>\$1285</b>
P/N 1234T100-7TZ	Turn-n-Bank Indicator	<b>\$985</b>

### Connector for Turn Indicators:

P/N MS3106A-10SL-3S	Connector	<b>\$39</b>
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## PRECISION AVIATION VERTICAL CARD COMPASSES

Manufactured by Precision Aviation in Houston, TX, the PAI-700 offers a vertical Easy to Steer By presentation. With a glance at the aero design lubber line on the lens, you see the complete 360° dial in proper relation to your aircraft heading, or the reciprocal, presented the way you think. The PAI-700 utilizes eddy current damping, with no fluid, minimizing or eliminating over swing. Available in 14, 28, or 5 volt lighting. Also capable of Overhead, Glare Shield, or Panel Mounting.

P/N PAI-700-14V	Lighted TSO Compass	<b>\$675</b>
P/N PAI-700-28V	Lighted TSO Compass	<b>\$675</b>
P/N PACMG-2	Glare Shield Mount	<b>\$67</b>
P/N PACMO-CESNO2	Cessna Single-Piece Windshield Mount	<b>\$155</b>
P/N PACMO-PIPERN	Piper-All single engine	<b>\$88</b>
P/N PACMO-UN	Universal Overhead Bracket	<b>\$64</b>
P/N PACMO-VMN	Mooney w/Center Post	<b>\$88</b>

Call us for your aircraft specific mounting requirements.



## RAY ALLEN TRIM SYSTEMS/STICK GRIPS

Ray Allen Trim Systems are quality, electrically operated servo systems, designed for use on experimental aircraft.



Trim Indicators



Trim System



Stick Grip

P/N	DESCRIPTION	PRICE
T2-7A	TRIM MOTOR w/ .7" (17 mm) Travel Servo	\$305
T2-10A	TRIM MOTOR w/ 1.0" (26 mm) Travel Servo	\$305
T3-12A	TRIM MOTOR w/ 1.2" (31 mm) Travel Servo	\$340
G101	STICK GRIP w/ 1 PTT	\$80
G205	STICK GRIP w/ 1 PTT & 4 Pushbutton Switches	\$185
G307	STICK GRIP w/ 1 PTT + Trim & 4 Pushbutton Switches	\$255
RS2	ROCKER SWITCH	\$95
RP4	LED TRIM INDICATOR	\$185

## 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.



CS-8ST

CS-MS3

P/N CS-2ST	Two-Function Stick Grip	\$145
P/N CS-4ST	Four-Function Stick Grip	\$165
P/N CS-6ST	Six-Function Stick Grip	\$175
P/N CS-8ST	Eight-Function Stick Grip	\$185
P/N CS-MS3	P/N CS-MS3 Military Style Stick Grip (Specify RH or LH When Ordering)	\$229.95

## VERTICAL POWER

### VP-X SYSTEM

Vertical Power offers a new way to wire and fly your experimental aircraft. Rather than rows of circuit breakers and a mess of wiring behind the panel, VP-X is wired directly to each electrical device or function, and then integrates with many of the popular EFIS systems to monitor and control your entire electrical system on the EFIS display. Electronic circuit breakers are fully configurable so you can set the circuit breaker value for each ECB, and then assign which switch controls the ECB. Instead of large knobs or switches on the panel for flap, trim, or landing gear, those can be controlled with switches on the stick grip.

The VP-X Sport can control up to 19 electrical functions, while VP-X Pro can control up to 27 electrical functions plus DualBuss™ technology that divides avionics and other electrical loads between two power busses, providing redundancy. PPS (Primary Power System) combines the functions of multiple high-current, electro-mechanical components into a single, solid-state device that installs in minutes with plug-and-play simplicity.

P/N VP-X Sport	Electronic Circuit Breaker System	\$1695
P/N VP-X PRO	Electronic Circuit Breaker System	\$2395
P/N VP-PPS	Primary Power System	\$1695



## FLIGHT DATA SYSTEMS

### GT-50 G METER/CHRONOMETER

The GT-50 is an LCD digital G-Meter, chronometer, timer, voltmeter, and outside air temperature (optional). The G-Meter displays and records up to +12/-10 G loads and fits a standard 2 1/4" hole. GT-50 is approved for use in certified aircraft as well as experimental, and it is also available with a single USB port built into the face to easily power your cockpit devices.



P/N GT-50	G-Meter/Chronometer	\$174
P/N GT-50/OAT	OAT Probe	\$29

### T-30 DIGITAL TACHOMETER

The 2 1/4" T-30 Digital Tachometer has a bright LCD digital display. T-30 monitors both left and right ignition systems or an electronic ignition. It also automatically records flight time and can save engine hours in "tach time" or actual time. T-30 is 1.4/28V and includes prewired connector. \*Experimental aircraft only



P/N T-30	Digital Tachometer	\$174
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### FC-10 DIGITAL FUEL COMPUTER

The 2 1/4" FC-10 Fuel Computer includes the flow transducer that records 0.6 to 70GPH, and includes a prewired a 14/28V wiring harness. It's bright LCD display shows GPH, gallons used, gallons remaining, and time-to-empty. When interfaced to a GPS, it will also display gallons needed, and gallon reserve, and can be configured for gallons or liters. \*Experimental aircraft only



P/N FC-10	Digital Fuel Computer	\$389
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## DAVTRON INSTRUMENTS

### 800 CHRONOMETER

Provides local time, GMT, Elapsed Time and Countdown.

P/N 800-14V	\$235	P/N 800-28V	\$235
P/N 800-14/BAT	\$235	P/N 800-28/BAT	\$235
P/N 877-14V	\$535	P/N 877-28V	\$535
P/N B800-28V	Beech Yoke		\$235
P/N 800-14/NVG	Night Vision		\$340



### 811B CHRONOMETER

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

P/N 811B-24	\$745
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### 803 CHRONOMETER

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

P/N 803-14V	\$495	P/N 803-28V	\$495
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## AVIONICS COAST-TO-COAST

ORDER ONLINE

FAST • EASY • SECURE



# PACIFIC COAST AVIONICS CUSTOM PANEL PACKAGES

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 support technicians will be available for questions you may have regarding the wiring or installation that you may have.

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 and 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.

## VANS RV-7

Garmin G3X 10" Touchscreen EFIS  
Garmin G3X 7" Touchscreen EFIS w/Engine Monitor  
Garmin GMA 245R Remote Audio Panel  
Garmin GTN 750Xi GPS/NAV/COM  
GTX 45R Remote ADS-B Transponder  
Garmin GMC 507 Autopilot  
Artes ELT-345 406MHz ELT  
Aero Sport Panel-Custom Design and Fabrication by PCA



## VANS RV-10

Dual Dynon D1000 Touchscreen EFIS w/Engine Monitor  
RC Allen 2600 2 1/4" Artificial Horizon  
Garmin GMA 342 Audio Panel  
Garmin GTN 750Xi GPS/NAV/COM  
Garmin GTR 225 COM  
GTX 45R Remote ADS-B Transponder  
Garmin GMC 507 Autopilot  
ACK Technologies E-04 406MHz ELT  
Aero Sport Panel-Custom Design and Fabrication by PCA



## RANS S21

Dual Garmin G3X Touchscreen EFIS w/Engine Monitor  
Garmin GMA 245 Audio Panel  
Garmin GTR 200B COM w/Bluetooth  
GTX 45R Remote ADS-B Transponder  
Garmin GMC 507 Autopilot  
Artes ELT-345 406MHz ELT  
Custom design and Fabrication by PCA





**G3X TOUCH EFIS SYSTEMS**

The G3X Touch suite of displays offers incredible installation flexibility. Use any combination of up to 4 of the 10.6" and 7" landscape or 7" portrait displays. These bright, easy-to-read screens are easily configured as PFDs for attitude, airspeed, altitude, heading, vertical speed, synthetic vision, and more; MFDs with advanced moving map, including terrain, obstacle and traffic alerts, georeferenced FliteCharts® or Jeppesen® ChartView™ charts, or optional engine instrumentation. A dedicated terrain page depicts terrain and obstacles of concern based on your current altitude, and it can be displayed using a 2-D map, profile, view or both. Both visual and audible alerts provide automated terrain warnings, and G3X Touch provides a 500' callout for additional confirmation while on approach for landing at the destination airport. G3X Touch also has 2 familiar concentric knobs and 4 dedicated buttons - for quick access for Nearest, Direct-To, Menu and Back. Switch from full-screen PFD to split PFD/MFD with a touch. If the installation includes a separate PFD and MFD, you'll have reversionary backup should a failure of either display occur.

G3X Touch can display engine information with the addition of a GEA 24 Engine Display Module. This user-configurable EIS enables aircraft-specific tailoring of displays for engine gauges, color bands, alerts, fuel, trim and other vital sensor data. G3X Touch also integrates seamlessly with the affordable Garmin experimental autopilot system, which provides advanced features such as auto-trim, flight director, indicated air speed hold and LVL capability - all of which can be accessed directly from the display.

<b>P/N 010-01765-00</b>	GDU 470 G3X Touch 7" Portrait	<b>\$3600</b>	<b>P/N K10-00016-14</b>	LRU Kit (ADAHRS/Magnetometer/OAT)*	<b>\$1675</b>
<b>P/N 010-01056-00</b>	GDU 450 G3X Touch 7" Landscape	<b>\$3600</b>	<b>P/N K10-00016-13</b>	LRU Kit ( Hi-Speed ADAHRS/Magnetometer/OAT)*	<b>\$3115</b>
<b>P/N 010-01057-00</b>	GDU 460 G3X Touch 10.6" Display	<b>\$4485</b>	<b>P/N 010-02270-00</b>	GEA 24B Engine/Airframe Module	<b>\$885</b>

LRU Kits include GSU 25C ADAHRS, GMU 11 Magnetometer, and GTP 59 Outside Air Temp Probe

**INSTALLATION KITS SOLD SEPARATELY. CALL US FOR YOUR G3X HARNESS NEEDS!!!**

**G3X AUTOPILOT**



- P/N 010-01169-00** GMC 305 Autopilot Controller **\$950**  
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 010-01946-00** GMC 507 Autopilot Controller **\$1210**  
The GMC 307 Autopilot Controller takes all the features of the GMC 305, but adds altitude and heading select knobs.
- P/N 010-01068-20** GSA 28 Autopilot Servo\*\* **\$935**  
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.

**G3X OPTIONS**

- P/N K00-00512-10** 4 Cyl Lyc/Cont Engine Sensor Kit **\$1120**  
Engine Sensor Kit for 4 Cylinder Lycoming and Continental Engines.
- P/N K00-00513-10** 6 Cyl Lyc/Cont Engine Sensor Kit **\$1370**  
Engine Sensor Kit for 6 Cylinder Lycoming and Continental Engines.
- P/N K00-00514-10** Rotax 912 Engine Sensor Kit **\$410**  
Engine Sensor Kit for Rotax 912 engines.
- P/N 010-01071-55** GSU 25C ADAHRS **\$885**  
Second ADAHRS for the G3X System offering redundancy for IFR operations.
- P/N 010-10171-51** GSU 25D Hi-Performance ADAHRS **\$2339**  
Made for aircraft with 400 knot+ performance.
- P/N 010-01074-10** GAP 26 Heated AOA/Pitot **\$410**  
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 010-01525-00** GAD 27 Electrical Controller **\$655**  
GAD 27 streamlines and enhances various configurations for taxi/landing lights, flap controls, and trim. Stabilizes voltage.





**G5 ELECTRONIC FLIGHT INSTRUMENT**

Either as a stand-alone primary flight instrument or as a back-up to the popular G3X EFIS systems, the Garmin G5 efficiently consolidates all essential situational reference for aircraft attitude, vertical speed, altitude, airspeed, slip/skid, and baro setting. The G5 may be also be installed with a GMC 305 or GMC 307 autopilot control panel and GSA 28 smart servos to perform as a stand-

alone flight instrument with integrated autopilot functions. The G5 integrates uniquely with the Garmin G3X Touch systems to provide even more backup display capability providing heading, course deviation, flight director cues, autopilot mode annunciation, turn coordination, glideslope/glidepath, altitude and airspeed bug settings, and more. The bright, easy to see 3.5" LCD display easily fits a standard 3 1/8" instrument hole, and the optional back-up battery sustains full operation of G5 for up to 4 hours.

<b>P/N 010-01485-01</b>	G5 Electronic Flight Instrument (Experimental)	<b>\$1575</b>
<b>P/N 010-12493-02</b>	Back-Up Battery	<b>\$260</b>
<b>P/N 010-12493-11</b>	Install Kit w/Lightning Protection	<b>\$115</b>
<b>P/N 010-01172-20</b>	GAD-29C Avionics Adapter	<b>\$540</b>
<b>P/N 010-01788-00</b>	GMU-11 Magnetometer	<b>\$380</b>

**GTR 200 COM RADIO  
GTR 20 REMOTE COM RADIO**



**GTR-200**



**GTR-20**

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 200 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.

<b>P/N 010-01087-01</b>	GTR 200 Panel-Mount (non-TSO'd)	<b>\$1415</b>
<b>P/N 010-01087-21</b>	GTR 200B Com w/Bluetooth	<b>\$1625</b>
<b>P/N 010-01076-50</b>	GTR 20 Remote Mount (non-TSO'd)	<b>\$1270</b>

**GMA 245 AUDIO CONTROL PANEL**



The GMA 245 offers an impressive array of features previously available only on high-end audio systems, but at a much lower price. GMA 245 features Bluetooth wireless connectivity, 3D Audio processing, clearance playback and impressive audio mixing and distribution. GMA 245 audio panel will support dual comm, dual nav and multiple aux receivers, totaling up to 7 radios in all. There's a 6-place intercom with music input, and a split-comm mode lets the pilot and copilot broadcast on independent frequencies. The GMA 245R is the remote mount version which integrates with G3X/Touch and GTN 750 for easy touch screen operation.

<b>P/N 010-01318-01</b>	GMA-245 Audio Panel	<b>\$1675</b>
<b>P/N 010-01471-01</b>	GMA-245R Remote Audio Panel	<b>\$1545</b>

**GTX 35/45R REMOTE MOUNT MODE S TRANSPONDER**



The GTX 35R/45R pairs with the G3X series flight displays for remote ADS-B transponder operation. The GTX 35R offers a simple, ADS-B "out" solution when paired with a GNS or GTN navigator, or GPS-20A GPS receiver. The GTX 45R offers "out" and ADS-B "in" weather and traffic that displays on the G3X display or GTN navigator, or can also be paired with a GPS-20A receiver. Plus, with the built-in Garmin "Connex" technology, GTX 45R allows you to wirelessly stream the weather and traffic onto an IOS or Windows tablet as well as select Garmin portable GPS. When paired with a Garmin audio panel, you get audible ATC-like traffic alerts to help keep your eyes outside the cockpit when looking for traffic. Both of these transponders meet the ADS-B mandate requirements and specifications.

<b>P/N 010-01756-01</b>	GTX 35R Remote ADS-B Out Transponder	<b>\$2625</b>
<b>P/N 010-01757-01</b>	GTX 45R Remote ADS-B Out/In Transponder	<b>\$3949</b>
<b>P/N 010-01757-46</b>	GTX 45R w/GPS Out/In Transponder	<b>\$4585</b>

**GHA 15 HEIGHT ADVISOR**



The GHA 15 calculates AGL height by sending radio waves to the ground and determining the time it takes to receive the signals back. The GHA 15 processes hundreds of measurements per second and applies advanced digital filters to maintain continuous readings – even over water or in challenging terrain environments. AGL readouts are shown on the G3X Touch display and drawn on the altitude tape or gauge at altitudes as high as 500 feet AGL. Using the readings provided by GHA 15, G3X Touch flight displays can also provide AGL audio callouts via their audio output to help keep the pilot's eyes looking outside the cockpit. Beginning at 300 feet, the pilot will hear audible AGL altitude callouts at select intervals down to 1-foot AGL. The pilot can configure the callouts to start and stop at specified altitudes.

<b>P/N 010-02942-00</b>	GHA 15 Height Advisor	<b>\$1995</b>
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**GDL 50R/51R/52R ADS-B AND SXM RECEIVER**



Providing multiple display outputs and viewing options, GDL 5XR series works not only with your G3X Touch Avionics to display weather and traffic, but they can also communicate simultaneously with iPad® tablet or other mobile devices, as well as aera 760, aera 660, and aera 795/796 portable GPS.

<b>P/N 010-01561-10</b>	GDL 50R Remote ADS-B Receiver	<b>\$925</b>
<b>P/N 010-01561-50</b>	GDL 51R Remote S/XM Receiver	<b>\$775</b>
<b>P/N 010-01561-30</b>	GDL 52R Remote ADS-B & S/XM Receiver	<b>\$1290</b>

**G3X BASIC VFR SYSTEM**

- GDU 470 7" EFIS Display
- G5 EFIS Display
- GEA 24 Engine Interface w/Rotax Eng Sensor Kit
- GMA 245 Audio Panel
- GTR 200 Com
- GTX 45R w/GPS ADS-B Transponder
- aera 660 GPS w/Panel Dock
- Package Total \$16,995**



**G3X IFR SYSTEM**

- G3X IFR System
- Dual GDU 460 10.6" EFIS Displays
- GEA 24 Engine Interface w/4-Cyl Engine Sensor Kit
- GTN 750Xi GPS/Nav/Com
- GMA 245 Audio Panel
- GTR 20 Remote Com
- GTX 45 w/GPS Remote ADS-B Transponder
- GMC 305 Autopilot Controller
- Package Total \$41,995**



**G3X LIGHT IFR SYSTEM**

- GDU 460 10.6" EFIS Display
- GEA 24 Engine Interface w/4-Cyl Eng Sensor Kit
- GTN 650Xi GPS/Nav/Com
- GMA 245 Audio Panel
- GTR 200 Com
- GTX 45 Remote ADS-B Transponder
- GMC 305 Autopilot
- Package Total \$30,995**



**G3X DELUXE IFR SYSTEM**

- Dual GDU 460 10.6" EFIS Displays
- G5 EFIS Display
- GEA 24 Engine Interface w/6 Cyl Eng Sensor Kit
- GTN 750Xi GPS/Nav/Com
- GNC 215 Nav/Com
- GMA 35c Remote Audio Panel
- GTX 45 Remote ADS-B Transponder
- GMC 507 Autopilot
- Package Total \$46,995**







## SKYVIEW EXPERIMENTAL

Dynon Skyview 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, and optional interfaces for the Dynon EMS Engine Monitor providing split screen PFD and engine display. and Dynon Autopilot. Dynon Autopilot controls are either through SkyView displays or through the optional autopilot controller. The HDX series brings and enhances HD type display and upgraded touch interface. For VFR only aircraft, the SkyView SE is a great basic system without synthetic vision and simplifies the menu options. So whether you're new to glass cockpit technology or fly 777s at work, there's a SkyView panel for you.

<b>P/N 102864-000</b>	SV-HDX1100 10" SkyView HDX Display	<b>\$4480</b>
<b>P/N 102865-000</b>	SV-HDX800 7" HDX SkyView Display	<b>\$3185</b>

### SKYVIEW OPTIONS:

<b>P/N 101293-000</b>	ADAHRS-200 Attitude/Hdg	<b>\$1425</b>
<b>P/N 101293-001</b>	ADAHRS-201 Attitude/Hdg (#2)	<b>\$850</b>
<b>P/N 101292-000</b>	EMS-200 Engine Module	<b>\$690</b>
<b>P/N 101814-000</b>	EMS-221 Engine Module (Rotax)	<b>\$690</b>
<b>P/N 101406-000</b>	ARINC-429 Module	<b>\$475</b>
<b>P/N 102136-000</b>	Knob Panel/Vertical	<b>\$325</b>
<b>P/N 102137-000</b>	Knob Panel/Horizontal	<b>\$325</b>

<b>P/N 102388-000</b>	Remote Magnetometer	<b>\$180</b>
<b>P/N 102749-000</b>	GPS-2020 GPS Ant/Receiver	<b>\$890</b>
<b>P/N 101242-000</b>	GPS-250 GPS Ant/Receiver	<b>\$250</b>
<b>P/N 102137-000</b>	Autopilot Control/Vertical	<b>\$645*</b>
<b>P/N 102137-001</b>	Autopilot Control/Horizontal	<b>\$645*</b>
<b>P/N 100854-000</b>	SV-32 Autopilot Servo	<b>\$850*</b>
<b>P/N 101058-000</b>	SV-42 Autopilot Servo	<b>\$850*</b>

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

### 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 back lit display. Available in horizontal or vertical configuration.



<b>P/N 103708-000</b>	Com Transceiver-25KHz	<b>\$1065</b>
<b>P/N 102033-000</b>	Com Controller/Vertical	<b>\$425</b>
<b>P/N 102043-000</b>	Com Controller/Horizontal	<b>\$425</b>
<b>P/N 104031-000</b>	Com Control Mount Kit	<b>\$103</b>
<b>P/N 104030-000</b>	SV Com 760	<b>\$770</b>

### 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.



<b>P/N 102137-000</b>	Autopilot Controller Vertical	<b>\$645</b>
<b>P/N 102137-001</b>	Autopilot Controller Horizontal	<b>\$645</b>

### SV-XPONDR-261 REMOTE ADS-B TRANSPONDER

This Class-1 transponder interfaces with the Dynon HDX EFIS display for display and control of squawk codes. SV-XPONDR-261 is a TS0'd Mode-S Transponder with TIS traffic reception (US only) and 1090ES ADS-B Out. For ADS-B out compliance, it requires interface to either a panel mounted WAAS GPS, or the Dynon GPS-2020 as a position source.



<b>P/N 101409-000</b>	ADS-B Transponder	<b>\$2385</b>
<b>P/N 104031-000</b>	Transponder Mount Kit	<b>\$103</b>

### SV-INTERCOM-2S

The SV-INTERCOM-2S solves the problem of having to choose between an underfeatured intercom or an expensive audio panel. With ample inputs for EFIS systems, stereo music, and all the other technology in your panel, the SV-INTERCOM is ideal for any 2-place aircraft, either with The SkyView or as a stand-alone intercom. The system includes faceplate for vertical or horizontal mount.



<b>P/N 101677-000</b>	2-Place Intercom	<b>\$295</b>
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### SV-ADSB-472 ADS-B RECEIVER

The dual band SV-ADSB-472 receives ADS- traffic via 978 MHz (UAT) and 1090 MHz. In the US, it also receives free text and graphical weather from the FAA's network of ADS- ground stations. Unlike portable ADS-B receivers, you get FULL ADS-B and radar traffic when you pair this with the SV-XPONDR-261 Mode-S transponder.



<b>P/N 102985-000</b>	ADS-B Receiver	<b>\$820</b>
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### D3 POCKET EFIS

D3 features a clear synthetic vision display with touchscreen interface providing the accuracy and reliability you need. D3 also has a G-Meter that records minimum and maximum G-loads. The internal Li-Ion battery provides power for several hours, and DC and AC power adapters are included, along with a suction mount and clamp style instrument hole mount.



<b>P/N 103306-000</b>	D3 Pocket EFIS	<b>\$930</b>
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# Take Your Communication To A Higher Level.

## FTA-850L

- Full color display
- Wireless Bluetooth capability
- GPS, ILS, and VOR Navigation

## FTA-750L

- ILS Navigation (Localizer & Glide Slope)
- VOR Navigation
- Integrated 66 Channel GPS Receiver
- 1.7" x 1.7" Full-Dot Matrix Display
- 800 mW Loud Audio
- PC Programmable
- 8.33 kHz and 25 kHz Channel Spacing

## FTA-550 AA/FTA-550L

- ILS Navigation (Localizer)
- VOR Navigation
- 1.7" x 1.7" Full-Dot Matrix Display
- 800 mW Loud Audio
- PC Programmable
- 8.33 kHz and 25 kHz Channel Spacing

## FTA-450L

- 1.7" x 1.7" Full-Dot Matrix Display
- 800mW Loud Audio
- 200 Memory Channels
- PC Programmable
- 8.33 kHz and 25 kHz Channel Spacing

## FTA-250L

- Ultra Compact Body
- 700 mW Loud Audio
- Noise Canceling – TX and RX Audio
- 250 Memory Channels
- PC Programmable
- 8.33 kHz and 25 kHz Channel Spacing



**Introducing Our Full Selection of Air Band Transceivers**

# **YAESU**

(800) 767-2450 [www.yaesu.com/airband](http://www.yaesu.com/airband)



# JPI - EASY TO CUSTOMIZE

If you buy an instrument without considering JPI that will be too bad for both of us



## 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. 6.0" X 5.1" or 3" hole

## EDM-960 TWIN

Certified as Primary, replace your steam gauge instruments. One Screen, 30 functions per engine. Pre-wired harness. Only 3 wires engine to instrument. Logs all engine data. Includes fuel flow. 6.0" X 5.1"



## EDM-900

Certified Primary, One Screen. Fits in a standard 3" hole. Over 30 Functions. Records flight data. The EDM900 can be placed vertically or horizontally. Compact size fits any panel 4.8" X 3.5" with 3" Mount



## EDM-790 TWIN

This instrument is perfect for a twin where budget is a consideration. It will do dual fuel flow and much more. Same size as EDM-900 and two FlowScan transducers are supplied with option.



## FS-450

Fuel Flow Stand Alone with FloScan transducer. Top Always showing GPH 2.25 hole



## EDM-830

The EDM-830 is an advisory instrument with all the functions of the JPI primary instruments. 3" mount is offset to allow a vertical or horizontal fit in any panel. User can customize readout display. 3" X 4"

EDM-350 is an Experimental or a field approval unit with all the functions of the JPI primary. 3" mount. Bezel 3.1 sq. Records data and position.



## EDM-350



SALES: 1-800-345-4574 | 714-557-3805 | FAX: 714-557-9840  
[www.jp instruments.com](http://www.jp instruments.com)



## era 760 PORTABLE TOUCHSCREEN NAVIGATOR

The new era 760 is the latest in Garmin's long line of successful portable GPS, and is the most advanced yet. The sunlight-readable 7" touchscreen display is twice as bright as many tablets, with portrait and landscape display options and intuitive pinch zooming. Aera 760 lets you prep your flight with wireless internet weather and automatic data downloads, while making VFR and IFR navigation easy with georeferenced sectionals and IFR charts. For IFR planning and flying, you can add airways and IFR approaches, arrivals, and departures to your route.

Wirelessly pair aera 760 with GDL 50 or GTX 345 to display traffic targets and subscription free weather data, or Sirius/XM weather and entertainment is available with GDL 51/52 (subscription required). Garmin's patented TargetTrend tracking provides target direction of flight and closure rates-so you can identify the greatest traffic threat. Garmin 3D-Vision gives you a behind-the-aircraft view of surrounding terrain, obstacles, and airports.

Aera 760 fulfills the role of an electronic flight bag (EFB) with georeferenced approach charts, pdf viewer, E6b computer, weight and balance calculator, logbook, and more. Aera 760 can run up to 4 hours on a charge on the internal battery, or you can easily power in flight with the included USB cable.

<b>010-02303-00</b>	aera 760 Portable GPS North America	<b>\$1549</b>
<b>010-02303-03</b>	aera 760 Portable GPS South America	<b>\$1549</b>

### ACCESSORIES

<b>P/N 010-12994-11</b>	Mount w/ Power/Data Cable	<b>\$74.95</b>
<b>P/N 010-12994-10</b>	Mount w/Cigar Lighter Adapter	<b>\$79.95</b>
<b>P/N 010-02855-00</b>	GA 26MCX Remote GPS Antenna	<b>\$99.95</b>
<b>P/N 010-12373-06</b>	Yoke Mount	<b>\$62.95</b>
<b>P/N 010-01561-00</b>	GDL 50 ADS-B Receiver	<b>\$825</b>
<b>P/N 010-01561-40</b>	GDL 51 Sirius/XM Receiver	<b>\$775</b>
<b>P/N 010-01561-20</b>	GDL 52 Combo ADS-B & S/XM	<b>\$1290</b>
<b>P/N PD31</b>	Air Gizmos Panel Dock	<b>\$139.95</b>



## era 660 TOUCHSCREEN GPS W/3D VISION

The aera 660 aviation portable puts the latest Garmin technology in the palm of your hand and is packed with capabilities. As a dedicated navigator, it quickly and reliably acquires GPS and GLONASS satellites and combines advanced navigation tools with rich, interactive, aviation maps-all on a bright, sunlight-readable 5-inch diagonal capacitive touchscreen display that can be oriented in landscape or portrait modes.

The graphical Terrain page offers both overhead and vertical Profile views of the topography beneath you. Switch to IFR map mode to display and navigate on high or low enroute airways, and use your touchscreen map cursor to reference MEAs (Minimum Enroute Altitudes) and distances between intersections. Revolutionary 3D Vision technology gives you a virtual 3-D behind-the-aircraft perspective view of surrounding terrain. Plus, with its forward-looking terrain avoidance capability, the aera 660 predicts in advance where towers or obstacles may exist and shades the landscape with amber or red overlays to indicate those areas. Using Bluetooth connectivity, the aera 660 easily interfaces with Garmin GDL-39, GDL-50 series and GTX-345 transponder, you can access and display ADS-B subscription-free weather and advanced traffic alerts, including TargetTrend relative motion tracking. You can also access Sirius/XM weather using the GDL-51 or GDL-52 portable receivers. aera 660 includes battery, yoke mount, 14/28v power cable, a/c charger, usb cable and pilots guide.



<b>P/N 010-01518-00</b>	aera 660 GPS North America	<b>\$849</b>	<b>P/N 010-01518-03</b>	aera 660 GPS South America	<b>\$849</b>
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### ACCESSORIES:

<b>P/N 010-12373-01</b>	Power/Data Cable	<b>\$84.95</b>	<b>P/N 010-01561-00</b>	GDL 50 ADS-B Receiver	<b>\$825</b>
<b>P/N 010-11654-03</b>	Replacement Battery	<b>\$49.95</b>	<b>P/N 010-01561-40</b>	GDL 51 S/XM Receiver	<b>\$775</b>
<b>P/N 010-02855-00</b>	GA 26MCX Remote GPS Antenna	<b>\$99.95</b>	<b>P/N 010-01561-20</b>	GDL 52 ADS-B /SXM Receiver	<b>\$1290</b>
<b>P/N PD28</b>	AirGizmos Panel Dock	<b>\$109.95</b>			



**GARMIN D2 MACH 1 PRO AVIATOR SMARTWATCH**

Be ready for takeoff, day or night with the Garmin D2 Mach 1 Pro Aviator watch. With a built-in LED flashlight, superbright 1.4" AMOLED display and advanced tools for flying and fitness, the Garmin D2 Mach 1 Pro is the highest-resolution aviator watch yet. Leave the charge at home with up to 25 days of battery life in smartwatch mode, see aviation weather, airport info, and phone-free maps. Stay in top condition with 24/7 health monitoring and 30+ sports apps. Preserve your night vision with red shift mode which filters out blue light and can be activated with the push of a button.

P/N 010-02804-80 D2 Mach 1 Pro, Aviator Smartwatch, Titanium **\$1399.99**



**GARMIN D2 X10 AIR PILOT WATCH**

The D2 series of pilot watches offer a rich array of color mapping, weather, waypoint reference and flight logging features. You can pan and zoom the watch's moving map to quickly expand your view of airports, waypoints, terrain, obstacles or weather activity along your route of flight. Between flights, you can use the latest sport watch features — including Elevate™ wrist-based heart rate monitoring, daily activity tracking, training metrics and more — to keep up with your personal fitness goals.

The D2 AIR features a slim and stylish design with a vivid AMOLED touchscreen display, storage for music playlists, and built-in logbook functions. You can receive emails, and texts when paired with a smartphone, and D2 Air also incorporates a pulse-oximeter sensor to monitor oxygen levels built-in barometric altimeter that will vibrate when supplemental oxygen may be required.

P/N 010-02496-09 D2 Air X10 Black Aviator Watch **\$549.99**  
 P/N 010-02496-03 D2 Air X10 Ivory Aviator Watch **\$549.99**



**GARMIN D2 MACH 1 PILOT WATCH**

Accelerate your adventure with the D2™ Mach 1 GPS aviator smartwatch. With classic style and a modern AMOLED touchscreen display, this premium timepiece puts the most advanced tools for flying right at your fingertips. Check weather reports and radar, get automatic alerts for changing conditions, and navigate with the moving map, worldwide aeronautical database and HSI — plus more. Pair with the Garmin Pilot™ app to transfer flight plans to the watch and log your flights automatically. Use the smartwatch's health and wellness features to help ensure you're ready for your next flight — and find new ways to move with its more than 30 built-in sports apps and animated workouts. Mach 1 features up to 11 days of battery life.

P/N 010-02582-50 D2 Mach 1 Aviator Watch w/Titanium Band-N. America **\$1299.99**  
 P/N 010-02582-54 D2 Mach 1 Aviator Watch w/Leather Band-N. America **\$1199.99**  
 P/N 010-02582-53 D2 Mach 1 Aviator Watch w/Titanium Band-S. America **\$1299.99**  
 P/N 010-02582-57 D2 Mach 1 Aviator Watch w/Leather Band-S. America **\$1199.99**



**GLO 2 BLUETOOTH GPS RECEIVER**

The GLO 2 combines GPS and GLONASS with Bluetooth wireless technology so you can enjoy precise position information on your iPad, iPhone, or Android devices. The GPS/GLONASS combination provides 20% faster acquisition time, position updates 10 times per-second, and it will remain connected-even at high speed. Glo 2 will provide GPS position for up to two devices, and has up to 13 hours of battery life to keep your position on long trips. Charging GLO 2 between uses is easy with the included USB cable or optional 12/24V vehicle power cable. A 6-month subscription to the Garmin Pilot app is included.

P/N 010-02184-00 GLO 2 Bluetooth GPS Receiver Aviation Bundle **\$129**

**GDL 50/51/52 SERIES BLUETOOTH DATALINK RECEIVER**

Whether you are looking for an ADS-B receiver, Sirius/XM receiver, or both, the new Garmin GDL 50, GDL 51, GDL 52 provide an easy-to-use and completely portable aviation ADS-B or Sirius/XM data link. Garmin's Connex connectivity effortlessly streams this information onto multiple Garmin aviation portables (including aera 660, aera 796 or aera 795 series) as well as iPad tablets and mobile devices with the Garmin Pilot app.

The GDL series features a rechargeable built-in lithium-ion battery allowing up to 5 hours operation on a single charge, or you can plug in via the included vehicle power cable or microUSB port. In addition to weather and traffic capabilities, all three of the GDL series include a built-in WAAS GPS receiver and AHRS attitude sensors to deliver highly accurate aircraft position, speed and altitude information to your compatible mobile device app or select Garmin GPS, allowing them to serve as a backup attitude reference. With SVT virtual terrain, obstacles, runways, horizon cues, HSI, GPS speed, altitude and more, this brings a whole new perspective to your portable navigation.

The GDL 50 receives subscription free animated ADS-B "in" U.S. datalink weather, as well as dual band ADS-B traffic information with Target Trend and Terminal Traffic technology. Weather information includes, METAR's, NEXRAD TAF's, winds aloft, PIREPS and NOTAMS.

The GDL 51 is a Sirius/XM receiver providing ground and air access to continuous SiriusXM satellite updates. The SiriusXM powerful satellites deliver seamless coverage at any altitude across the continental U.S. and its coastal regions as well as southern Canada. Choose from available SiriusXM Aviation weather packages that provide METAR data and animated NEXRAD imagery as well as current reports on precipitation, lightning, winds aloft, echo tops, turbulence, freezing levels, and TFRs. Also available are more than 150 channels of digital-quality music, news, sports and other entertainment programming - directly to your cockpit. (S/XM subscription required)

The GDL 52 combines SiriusXM Aviation satellite weather/entertainment and ADS-B U.S. datalink weather and traffic to give you the complete weather and traffic picture. Together, these 2 network link technologies brings a world of safety-enhancing features. (S/XM requires subscription).



<b>P/N 010-01561-00</b>	GDL 50 ADS-B Receiver	<b>\$825</b>
<b>P/N 010-01561-40</b>	GDL 51 Sirius/XM Receiver	<b>\$775</b>
<b>P/N 010-01561-20</b>	GDL 52 ADS-B/S/XM Combo	<b>\$1290</b>



**GDL 39 ADS-B RECEIVER**

A lower cost option to the GDL 50, the GDL 39 receiver is an ADS-B Weather/Traffic receiver that works wirelessly with Garmin AERA-660/760 GPS as well as other portable devices running popular Apps such as Garmin Pilot, FitPlan Go, and ForeFlight Mobile. While GDL 39 does not display synthetic vision, you will see subscription-free weather and traffic overlaid on a moving screen for increased safety and awareness.

<b>P/N 010-11689-00</b>	GDL 39 ADS-B Receiver Unit Only	<b>\$474.99</b>
<b>P/N 010-11689-02</b>	GDL 39 ADS-B Receiver for GPSMAP39x/49x	<b>\$499</b>
<b>P/N 010-11689-05</b>	GDL 39 ADS-B Receiver for aera 79x	<b>\$499</b>
<b>P/N 010-11385-00</b>	A/C Charger	<b>\$65</b>

**APPAREO STRATUS 3 ADS-B RECEIVER**

**APPAREO**

Stratus 3 is the simple-to-use, portable wireless ADS-B receiver that provides subscription-free weather, GPS information, backup attitude and ADS-B traffic on your tablet. Stratus-3 is designed for seamless integration with ForeFlight, but is also designed with an Open ADS-B Mode to work with a variety of iOS and Android based popular apps such as WingX, FlyQ, FitPlan Go, and many others. View in-flight ADS-B weather on your iPad, including NEXRAD radar, METARs, TAFs, TFRs, AIRMETS, SIGMETs, NOTAMS and more. Stratus 3 also includes a complete Attitude Heading Reference System (AHRS) for supplemental attitude information in the cockpit. It aligns itself automatically, so you can just turn it on and fly. For apps that includes Synthetic Vision, you get visually stunning and high-performance hazard awareness capability. Stratus 3 includes a dual-band ADS-B receiver, and with the built-in WAAS GPS receiver, Stratus allows you to view moving maps, track up displays and high-resolution terrain maps in ForeFlight Mobile. With its 8-hour battery life, you can fly all day without bringing along a charging cable. Stratus 3 comes with charging cable and 110V wall plug; charging cable works with all 2.0 amp cigarette lighter plugs as well. Also includes a gel dash mount and Stratus Pilot's Guide.

<b>P/N 153010-000066</b>	Stratus 3 Portable ADS-B Receiver	<b>\$749</b>
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### ALPHA FLIGHT CONTROLS YOKE

The Honeycomb Alpha Flight Controls is the most advanced flight simulation system available to simmers, flight students and pilots for setup at home and featuring a complete backlit switch panel and ignition switch. It was designed and developed in California by pilots and aerospace engineers to ensure the most realistic flight experience.

The Alpha Flight Controls include a mounting bracket compatible with Saitek and Honeycomb products. All Honeycomb products features a 5 year warranty and free lifetime tech support. *Compatible with XBOX / PC / Mac.*

**P/N SB003011** Alpha Flight Controls

**\$279.99**



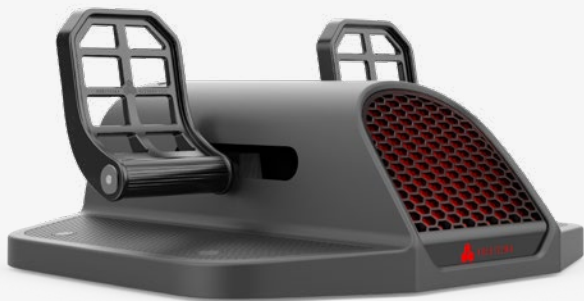
### BRAVO THROTTLE QUADRANT

The Honeycomb Bravo Throttle Quadrant is an all-in-one cockpit system featuring a configurable throttle setup, from single-engine general aviation to four-engine commercial aircrafts. It features multiple cockpit components including autopilot, annunciator panel, gear & flaps lever as well as a trim wheel.

- Two and four engine commercial throttle setup including spoilers and flaps for commercial aircrafts.
- Single and multi-engine throttle setup for general aviation aircrafts with separate flaps toggle.
- Autopilot panel designed to include most features found in commercial and GA aircrafts.

**P/N HC003042** Bravo Throttle Quadrant

**\$299.99**



### CHARLIE RUDDER PEDALS

The Charlie Rudder Pedals brings the final piece to complete the full Honeycomb Flight Simulation Setup. The pedals are made with real alloy metal and can adjust to different angles for the best comfort while flying. The pedals use a specialized drive train system for travel with no center detent. The base includes large rubber grip pads and reversible carpet spikes for non-movement use giving you confidence and skill in your approaches and landings.

- All Alloy Metal Pedals
- Realistic Mechanical Movement
- Left and Right Toe Brake Axis
- Reversible Carpet Spikes with Large Rubber Grip Surface
- Adjustable Feet Angles
- Adjustable Tension Knob

**P/N HC003073**

Charlie Rudder Pedals

**\$349.99**



### ALLOY YK1

This traditional GA-style yoke was designed to look, feel, and perform as close as possible to the "real thing." USB connectivity ensures that the YK1 is compatible with most flight simulation software devices running Lockheed Martin Prepar3d, X-Plane, and Microsoft Flight Simulator (including Microsoft Flight Simulator 2020).

- Virtually indestructible metal construction – never worry about broken parts
- Accurate feel - full control deflection without increasing spring tension
- Set the perfect height – controls can be attached above or below a table
- Easy setup – plug and play compatibility with Microsoft Flight Sim X, X-Plane, and Prepar3d

**P/N YK1** Aircraft Yoke

**\$799**



### ALLOY RD1

The advanced spring system means you can apply pressure to the rudder versus only forcing rudder travel, just like in the real aircraft. For precise ground handling, the RD1s have a full range of travel and aircraft-style, differential toe brakes. The all-metal RD1 pedals use the same technology found in Redbird's professional-grade simulators making them realistic, rugged and affordable. USB connectivity ensures that the RD1s are compatible with most flight simulation software devices running Lockheed Martin Prepar3d, X-Plane, and Microsoft Flight Simulator (including Microsoft Flight Simulator 2020).

**P/N RD1** Rudder Pedals

**\$599**



## IC-A25C COM / IC-A25N NAV/COM/GPS

The A25C is a powerful air band handheld with 6 watts of power, easy-to-use interface, and large 2.3-inch LCD display combine to provide stress-free programming and in-flight operation. The enlarged flat sheet keypad is easy to operate and the large and high visibility LCD provides user-friendly, graphic screens. The night mode option enables easy viewing in the dark. The operating frequency in large characters can be recognized at a glance. The A25C stores the last 10 channels used, and you can easily recall those channels by using the directional keys or the channel knob on the top panel. The supplied 2350 mAh (typical) intelligent battery pack, provides up to 10.5 hours of operating time, and you can check the condition of the battery pack in the battery status screen, making it very useful for optimum charging and battery health maintenance.

The A25N features the same 6-watt transmit power, and 2.3-inch LCD display as the A25C, but also includes a GPS and VOR receiver, plus the option for "hands-free" Bluetooth operation. The built-in CDI is detailed like a real VOR instrument, and displays any deviation from your course. The OBS (Omni Bearing Selector) enables you to change course from the original flight plan. The TO-FROM indicator shows the position relationship between your aircraft and the course selected by the OBS. While using GPS, the waypoint NAV will guide pilots to their destination. Up to 10 flight plans and 300 waypoints can be stored in the A25.

The A25C and A25N packages includes li-ion battery, rapid charger, headset adapter, case, antenna, and belt clip. The A25C/ Sport includes AA Battery Case, antenna, belt clip, and wrist strap.

<b>P/N IC-A25 SPORT</b>	Handheld Com Transceiver w/AA Battery Pack	<b>\$319.95</b>
<b>P/N IC-A25C</b>	Handheld Com Transceiver	<b>\$469.95</b>
<b>P/N IC-A25N</b>	Handheld GPS/Nav/Com Transceiver	<b>\$529.95</b>



## IC-A16 COM

The A16 is Icom's newest handheld COM transceiver. This series is perfect for ground crews to beginner pilots. The A16 comes with loud, class-leading powerful audio (1500 mW), which is useful in noisy work environments. The large-capacity battery pack provides users up to 17 hours of operating time on a robust 2400mAh Li-ion battery. In line with the Icom brand, the A16 Series is designed to operate in the harshest of environments. It's compact, boasting a waterproof design built to the industry's highest durability standards. IC-A16 is also available with optional built-in Bluetooth® connectivity, making hands-free operation a breeze. Both models of A16 include rechargeable li-ion battery, charging base, AC adapter, antenna, belt clip, owners manual, and 3-year warranty. A16 continues the legendary durability, quality, dependability, and ease of use that Icom is famous for.

<b>P/N IC-A16</b>	Handheld COM Transceiver	<b>\$269.95</b>
<b>P/N IC-A16</b>	Handheld COM Transceiver w/Bluetooth	<b>\$319.95</b>



### IC-A25 ACCESSORIES:

<b>P/N BP289</b>	AA Battery Case	<b>\$54</b>
<b>P/N FAB02AR</b>	Flex Antenna	<b>\$40</b>
<b>P/N OPC2379</b>	Headset Adapter	<b>\$99</b>
<b>P/N BC224</b>	Rapid Charger	<b>\$69</b>
<b>P/N VS3</b>	Bluetooth Earphone	<b>\$175</b>
<b>P/N CSA25</b>	Programming SW	<b>\$95</b>



<b>P/N BP288</b>	Li-ion Battery	<b>\$155</b>
<b>P/N NCA25</b>	Nylon Case	<b>\$32</b>
<b>P/N HM231</b>	Speaker/Mic	<b>\$97</b>
<b>P/N CP20</b>	Lighter Adapter	<b>\$70</b>
<b>P/N MB130</b>	Vehicle Bracket	<b>\$85</b>
<b>P/N OPC478UC</b>	USB Cable	<b>\$75</b>



### IC-A16 ACCESSORIES:

<b>P/N OPC2401</b>	Headset Adapter	<b>\$99</b>
<b>P/N FAB02AR</b>	Flex Antenna	<b>\$40</b>
<b>P/N HM240</b>	Speaker/Mic	<b>\$105</b>
<b>P/N BP280</b>	Li-ion Battery	<b>\$95</b>
<b>P/N PTTSW</b>	PTT Switch	<b>\$29</b>
<b>P/N OPC515L</b>	Lighter Adapter	<b>\$28</b>

## IC-A220 COM TRANSCEIVER

Icom's A220 panel mount transceiver is a popular fit with experimental and light sport pilots. This air to ground transceiver has the capability to work on both 8.33 kHz and 25 kHz channel spacing frequencies. It features the brightest OLED (Organic Light Emitting Diode) display on the market offering many advantages in brightness, vividness, high contrast, wide viewing angle and response time compared to a conventional display. The A220 also features a built in 2 station intercom, 12 or 24 volt compatible, and automatic/manual squelch. It's fast and easy to select any of memory channels in the A220. The "flip-flop" arrow button switches between main and stand-by channels. The dual watch function allows you to monitor two channels simultaneously. In addition, the auto stack memory stores the last 20 channels used and allows you to recall those channels easily. All switch buttons and knobs are illuminated with pure-white backlighting that is the same color as the OLED display. Other features include Automatic Noise Limiter (ANL) that reduces pulse type ignition noise, one-touch access to 121.5 emergency channel, and user configurable com settings.



<b>P/N IC-A220</b>	COM Transceiver - Experimental	<b>\$1299.95</b>
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## VHF BASE STATIONS

### IC-A120B BASE STATION

Available as either a vehicle mount radio or as a desk-top base station, the A120 has a powerful 9-watt transmitter, 760 COM channels, plus dual watch and priority scan functions. The newly added built-in ANC reduces background noise and is effective in extremely noisy airport environments. The radio is fully self-contained with built-in speaker and has a large easy to see LCD digital display. The base station version includes built-in power supply for 115/240v AC, and the noise cancelling hand-mic is included on both.



P/N IC-A120M Vehicle Mount COM  
P/N IC-A120B Desktop Base Station

**\$999.95**  
**\$1299.95**

### IC-A220 BASE STATION

Using the same A220 panel mount radio, Icom has variations for mounting in a vehicle or using as a desk top base station. The base station includes the PS-80 unicom box with built-in speaker, power supply, handheld microphone, and ready to plug into 115v/240v AC. The vehicle mount version includes power cables, under dash mount, and microphone. It's fast and easy to select any of memory channels in the A220. The "flip-flop" arrow button switches between main and stand-by channels. The dual watch function allows you to monitor two channels simultaneously, and the auto dimmer function adjusts the display for optimum brightness at day or night.



P/N IC-A220B Desktop Base Station  
P/N IC-A220M Vehicle Mount

**\$1999.95**  
**\$1699.95**

### BASE STATION ANTENNAS

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

P/N ASPR-795G Magnetic Mount Antenna  
P/N ASPC-201L Ground Vehicle Antenna  
P/N AV-3 Ground Vehicle Antenna

**\$69**  
**\$59**  
**\$195**

P/N AV-5 Building Mount Antenna  
P/N AV-1 Base Station Antenna

**\$215**  
**\$399**

### RADIANT INSTRUMENTS AIRBAND RECEIVERS

AirLite Pro is a full featured aircraft radio scanner and Ham Transceiver, with groundbreaking new features. The AirLite Pro receives all aircraft channels between 118 and 137 mhz. Significantly, this receiver also provides simultaneous reception on two different frequencies, allowing a listener to monitor frequencies such as tower and ground at the same time. This feature is called "Dual Reception™". You can store preferred frequencies in memory and scan between those frequencies, and AirLite Pro also receives NOAA Weather, FM radio, the Ham radio band and 8.33 KHz spacing for use in Europe. AirLite Pro comes with a rechargeable lithium battery, a desk charging stand, and an earbud for listening privately, along with a USB programming cable so that the channel and feature list can be more easily managed from the computer application.



P/N RALDRP-22 AirLite Pro Airband Transceiver  
P/N RALDR-22 AirLite Airband Receiver

**\$118.95**  
**\$69.95**

### PORTABLE RECEIVER COMPARISON GUIDE

	ICOM A16A & B	ICOM A25C	ICOM A25N	YAESU FTA-250L	YAESU FTA-450L	YAESU FTA-550AA	YAESU FTA-550L	YAESU FTA-750L	YAESU FTA-850L
COM	✓	✓	✓	✓	✓	✓	✓	✓	✓
NAV			✓			✓	✓	✓	✓
LOCALIZER			✓			✓	✓	✓	✓
ILS								✓	✓
GPS			✓					✓	✓
SIDETONE	✓	✓	✓	✓	✓	✓	✓	✓	✓
HEADSET JACKS									
BLUETOOTH	✓ - A16B ONLY		✓						✓
WEIGHT	9.10 oz	12.00 oz	12.00 oz	10.60 oz	14.50 oz	14.50 oz	14.50 oz	14.50 oz	13.90 oz
DISPLAY	1.5" x 1.625"	1.5" x 1.625"	1.5" x 1.625"	1.5" x 1.625"	1.5" x 1.625"	1.5" x 1.625"	1.5" x 1.625"	1.5" x 1.625"	1.5" x 1.625"
WARRANTY	3 yrs	3 yrs	3 yrs	3 yrs	3 yrs	3 yrs	3 yrs	3 yrs	3 yrs
BATTERY	Li-Ion	Li-Ion	Li-Ion	Li-Ion	Li-Ion	AA	Li-Ion	Li-Ion	Li-Ion
PRODUCT #	IC-A16	IC-A25C	IC-A25N	FTA-250L	FTA-450L	FTA-550AA	FTA-550L	FTA-750L	FTA-850L

## FTA-850L GPS/NAV/COM

The Yaesu FTA-850L portable airband transceiver is precisely engineered to meet the requirements of top aviators. With features like a 2.4" full-color FT display, enhanced navigation using ILS, VOR, or GPS, and a 400 channel memory. FTA-850L has a built-in bluetooth module allowing operation with a commercially available bluetooth headset, or use with Yaesu's optional SSM-BT10 headset. Built around an ultra-durable polycarbonate housing, the FTA-850L meets the IPX-5 waterproof rating. Packaged with a high capacity 2200mAh Lithium-Ion battery, headset adapter, 100-240VAC charger, 12VDC charger/Power cable, drop in charging cradle, backup alkaline battery tray, and heavy duty belt clip. FTA-850L is backed by an industry leading 3 year waterproof warranty.



P/N FTA-850L Handheld Com/Nav/GPS **\$499.99**  
 P/N SSM-BT10 Optional Bluetooth Headset **\$35**

## FTA-750L GPS/NAV/COM

The YAESU FTA-750L Combines tradition with innovation. Born from a history of high quality communications the FTA-750L now includes a 66 channel GPS receiver for reliable navigation. Boasting an oversize full dot matrix LCD display, the FTA-750L Airband Transceiver/GPS provides full communication on the aircraft communications band and additionally provides VOR and ILS navigation features on the "NAV" band, and waypoint navigation with the built in GPS receiver. The FTA-750L includes NOAA weather band monitoring and the capability of programming up to 200 memory channels with a quick and easy channel recall feature. The easy to operate menu system is icon driven making it simple to navigate through all of the powerful features this transceiver/GPS has to offer. Additionally the FTA-750L can easily be reprogrammed in minutes using the optional PC Programming software and the supplied USB programming cable. Also provided in the package is BNC Helical Antenna, 110V charger with desktop charging cradle, Li-Ion battery, headset adapter, cigar lighter adapter, and alkaline battery tray.



P/N FTA-750L Handheld Com/Nav/GPS **\$449.99**

## FTA-450L COM / FTA-550L NAV/COMS

The YAESU FTA-550 is packed with features, yet very affordable. Boasting an oversize full dot matrix LCD display, the FTA-550 Airband Transceiver provides full communication on the aircraft communications band, plus it additionally provides VOR and ILS navigation features on the "NAV" band. The FTA-550 includes NOAA weather band monitoring and the capability of programming up to 200 memory channels with a quick and easy channel recall feature. The brand new easy to operate menu system is icon driven making it simple to navigate through all of the powerful features this transceiver has to offer. The radio is just 5.2" tall, weighs less than 15 oz. and is packaged complete with BNC Helical Antenna, 110V charger with desktop charging cradle Li-Ion battery, headset adapter, cigar lighter adapter and alkaline battery tray.

The FTA-550A version does not include rechargeable battery and charger, but does have all the other accessories including "AA" battery case for those pilots that don't want to deal with a rechargeable battery.

The FTA-450L has all of the same features, but is a COM only transceiver. Unit comes with the standard accessory package as the FTA-550L.

P/N FTA-450L Handheld Com w/Rechargeable Battery **\$279.99**  
 P/N FTA-550AA Handheld Nav/Com w/AA Battery Case **\$229.99**  
 P/N FTA-550L Handheld Nav/Com w/Rechargeable Battery **\$349.99**



## FTA-250L COM

The Yaesu FTA-250L is a compact, stylish, solid and affordable hand-held transceiver, providing communication on the aircraft communication band and was engineered for safety and durability. The radio is built around a solid die cast aluminum chassis with heavy duty sealing throughout, allowing the radio to be submerged up to 3' for 30 minutes making this the most durable aviation transceiver on the market today. The radio boasts 700 mW of clean audio output and it also provides 8.33 kHz synthesizer steps for the new narrow-band channel plan. NOAA weather band monitoring, 8-character Alpha/Numeric Display, 150 Memory Channels, 100 "Book Memory" Channels, VOX, and Side Tone are just some of the many features provided. The channel configurations can be easily reprogrammed in minutes using the optional PC Programming Kit and your PC. The FTA-250L comes packaged with: BNC Helical Antenna, 110V charger with desktop charging cradle, Li-Ion battery, headset adapter, and alkaline battery tray.



P/N FTA-250L Handheld Com Transceiver **\$229.99**

## YAESU FTA-550/750 ACCESSORIES



<b>SRA-20A</b>	BNC Helical Antenna	<b>\$29</b>
<b>SBT-12</b>	Alkaline Battery Pack	<b>\$19</b>
<b>SBR-39Li</b>	1800 mAh Li-Ion Battery	<b>\$95</b>
<b>SDD-19</b>	12V Cigarette Lighter Adapter	<b>\$34</b>
<b>SBH-11</b>	Charging Cradle	<b>\$59</b>
<b>SAD-25B/C/U</b>	110V AC Charger	<b>\$29</b>
<b>SSM-10A</b>	Speaker Microphone	<b>\$79</b>
<b>SEP-11A</b>	Earphone	<b>\$25</b>
<b>SHB-11</b>	Belt Clip	<b>\$10</b>
<b>SHC-28</b>	Nylon Carrying Case	<b>\$29</b>

Call for Yaesu/Vertex legacy unit accessories (VXA and FTA units)



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- **Handhelds: A25 and A16 Series**  
The perfect backup Comms
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Easy to install even in tight configurations
- **Mobile: A120**  
Built-in ANC, reducing background noise for airport environments

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A25N / C

A16



A220

A120



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# PACIFIC COAST AVIONICS HEADSETS & INTERCOMS

**NEW ANR**

## PCA-ANR+ BLUETOOTH HEADSET

Building on the well-received PCA-ANR/BT headset, the PCA-ANR+ now adds improved comfort and 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+ 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, you can expect 30-40 hours of useful life for the ANR function. With a new comfort foam ear seals, the PCA-ANR+ provides greater comfort and higher noise suppression over our already impressive headset. Passive noise reduction is 24dB with an additional 29dB when the ANR is activated.

The PCA-ANR+ Aviation Headset delivers superior noise reduction performance, up to 30dB. Boasting a built-in Bluetooth transmitter, it allows pilots to communicate not only with aircraft radios, but also other compatible devices such as tablets and cell phones. Achieve clear, noise-free communication in the cockpit.



**PCA-ANR+ BEST VALUE \$449**

P/N PCA-ANR+ ANR Headset w/Bluetooth \$449

### 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-8G

The PCA-8G Aviation Headset features a passive stereo design, with excellent sound clarity and noise reduction, perfect for aviation. Crafted for durability, its adjustable headband and soft ear cups ensure you stay comfortable during long flights. Enjoy the highest quality sound in the air with PCA.

P/N PCA-8G Passive Headset \$129



## 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.
- 3 Year Limited Warranty



P/N PCA-4YB Youth Size (Blue) \$95  
P/N PCA-4YG Youth Size (Pink) \$95

**PCA-8G BEST VALUE \$129**

## PCA HEADSET PACKAGE 1

- Two PCA-ANR+ Headsets
- PCA-24 Intercom
- PTT - Push To Talk Switch



P/N PCAHSP1 - PCA Headset Package 1 \$995

## PCA HEADSET PACKAGE 2

- Two PCA-8G PNR Headset
- PCA-24 Intercom
- PTT - Push to Talk Switch



P/N PCAHSP2 - PCA Headset Package 2 \$400

## PCA - HELMET

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



P/N PCA - Helmet Black \$295  
P/N PCA - Helmet White \$295

## PCA-24/400ST INTERCOM

- 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" • 3-Year Limited Warranty



P/N PCA-24 \$139  
P/N PCA-400ST Stereo version of PCA-24 \$159



## BOSE® A30 ANR HEADSET

The new Bose A30 Aviation Headset takes all the great comfort and performance from the industry leading A20, and made it even better! Bose engineering now uses digital ANR technology, improving the noise cancellation even more, and they've reduced clamping tension by 20%, making the A30 the quietest and most comfortable headset Bose has ever made. A30 weighs just 12 ounces and uses improved softer headpads and soft comfort ear seals—all designed to let you focus on what matters—flying.

The newly designed ergonomic control module includes a new feature that lets you select the amount of noise cancelling needed, depending on the type of airplane you're flying. You can select "Low" if you're flying the airlines or corporate jet, "Medium" for a turbo prop or heavy twin, and "High" for piston aircraft—including open cockpit and warbirds. An auxiliary audio input with Intercom/AUX priority switching which ideal for dedicated GPS and traffic warning systems. The customizable audio prioritization control let's you select "Mute" and "Mix" settings. Bose Bluetooth connectivity allows wireless connection to your smartphone for calls and listening to music. Unique to Bose headsets, the A30 has the "double-tap" talk through feature allowing the user to better communicate with those outside the intercom—ideal for airline use. The A30 is available with standard GA dual plugs, 6-pin Lemo, U174 helicopter plug, and 5-pin XLR plug, and comes with a durable carry case.

### Bose A30 Key Features:

- Up to 40% greater active noise reduction than conventional aviation headsets
- Up to 50% less clamping pressure than conventional aviation headsets
- Low-Medium-High selection for noise cancellation
- Clear audio with active equalization
- Bluetooth audio and communications interface for connectivity with your communications and navigation devices
- Talk-Through for communicating with those not on intercom
- Customizable audio prioritization control lets you mute audio signal when receiving communications
- 5-Year Factory Warranty



**BOSE®**

<b>P/N 857641-3120</b>	Bose A30 w/ BlueTooth/Battery Power	<b>\$1299</b>	<b>Bose Headset Accessories</b>	
<b>P/N 857641-3140</b>	Bose A30 w/ BlueTooth/Panel Power	<b>\$1299</b>	<b>P/N 327079-0010</b>	Bose A20 Ear Seals <b>\$35</b>
<b>P/N 857641-3130</b>	Bose A30 Heli w/BlueTooth/Battery Power	<b>\$1299</b>	<b>P/N 327078-0010</b>	Bose A20 Headpad <b>\$25</b>
<b>P/N 857641-2120</b>	Bose A30 Battery Power	<b>\$1299</b>	<b>P/N 327080-0010</b>	Adapter 6-Pin LEMO Plug to GA Plugs <b>\$50</b>
<b>P/N 857641-2140</b>	Bose A30 Panel Power	<b>\$1299</b>	<b>P/N 323172-0010</b>	Panel Power Installation Kit <b>\$49</b>
<b>P/N 857641-2130</b>	Bose A30 Heli Battery Power	<b>\$1299</b>	<b>P/N 022243</b>	Bose X Headset Ear Seals <b>\$25</b>

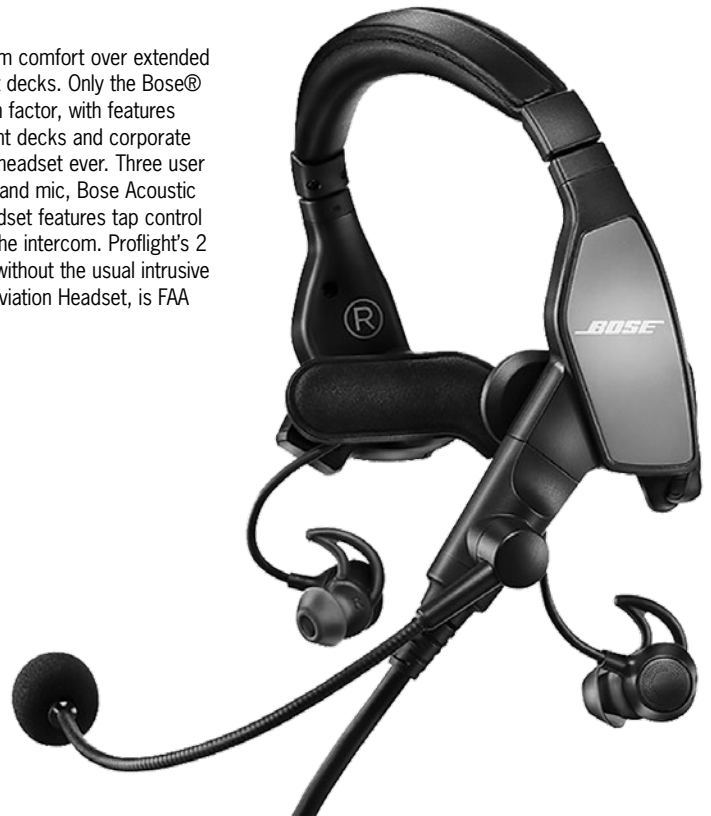
## BOSE® PROFLIGHT 2 HEADSET

The Bose ProFlight 2 Lightweight ANR provides in-ear active noise cancellation for long-term comfort over extended flights, with many new features designed specifically for airline and corporate aircraft flight decks. Only the Bose® ProFlight 2 Aviation Headset features advanced Bose technology in an innovative new form factor, with features designed for lower noise environments and the unique needs of pilots who fly in airline flight decks and corporate jet aircraft. ProFlight 2 is Bose's smallest, lightest active noise cancelling communication headset ever. Three user selectable levels of active noise cancellation, a quick release, side swappable down cable and mic, Bose Acoustic Noise Cancelling® technology and full function Bluetooth connectivity. The ProFlight 2 headset features tap control for talk-through communication, allowing pilots to better communicate with those outside the intercom. Proflight's 2 form factor is unlike any other headset – a highly stable, headbanded in-ear configuration without the usual intrusive deep-insert eartips. The Bose ProFlight 2 Aviation Headset, like the award-winning A20® Aviation Headset, is FAA TSO and EASA TSO-C139a certified.

### Bose ProFlight Key Features:

- Designed for turbine/jet aircraft
- 4.5-Ounce (128-gram) on-head weight
- Tap control for talk-through communication
- Thin flexible cable
- Bluetooth® and non-bluetooth variants available
- Digital active noise cancellation
- FAA TSO and E/TSO-C139A Certified
- Three user selectable modes of noise cancellation
- Side swappable mic

<b>P/N 789812-2020</b>	ProFlight 2 ANR Headset Dual Plug-No Bluetooth	<b>\$995</b>
<b>P/N 789812-5070</b>	ProFlight 2 ANR Headset 5-Pin XLR-No Bluetooth	<b>\$995</b>
<b>P/N 789812-5020</b>	ProFlight 2 ANR Headset Dual Plug-Bluetooth	<b>\$1045</b>
<b>P/N 789812-5040</b>	ProFlight 2 ANR Headset 6-Pin Lemo Plug-Bluetooth	<b>\$1045</b>



## DELTA ZULU ANR HEADSET

The Lightspeed Delta Zulu ANR headset is a revolution in groundbreaking technologies that not only has outstanding cockpit noise reduction, it provides safety enhancements for pilots and passengers. Lightspeed's engineers collaborated with a team of highly qualified flight and safety experts to develop a digital platform and groundbreaking new technologies to make flying safer. Delta Zulu features a carbon monoxide sensor built right into the headset helping to keep you and your passengers alert and safe with audible warnings. Just sync the Bluetooth in the headset with your smart phone and the free Lightspeed app allows you to check the CO sensor data visually during flight. The built-in Bluetooth enables cell phone communications and stereo music streaming, and you can also record radio conversations, playback transmissions, and archive flight recordings for post-flight.

Delta Zulu introduces a built-in audio equalization system called HearingEQity™ that ensures crystal clear flight communication. Through an automated 12-frequency hearing test that can be taken through the Lightspeed app, HearingEQity sets the hearing level in each ear of your headset to create your individual hearing profile and compensates for any hearing variations between ears.

Delta Zulu weighs just 14.9 ounces and the tapered performance ear seals are designed to hug the curve of the jaw for a natural fit, increasing comfort and clarity while also providing a better seal around eyeglass or sunglass frames. Cup cavities allow the entire ear to fit comfortably inside. Delta Zulu comes in the box with carrying case, single port wall charger, lithium-ion battery pack, AA battery case, UAC to USB-A cable, a cord shirt clip, and Lightspeed's industry leading 7-year warranty.



<b>P/N 4074</b>	Delta Zulu ANR Headset w/Dual GA Plugs-Battery Power	<b>\$1199</b>
<b>P/N 4075</b>	Delta Zulu ANR Headset w/6-Pin Lemo Plug	<b>\$1199</b>
<b>P/N 4079</b>	Delta Zulu ANR Headset w/U174 Helicopter Plug-Battery Power	<b>\$1199</b>

## ZULU 3 ANR HEADSET

The Lightspeed Zulu 3 is designed for the discerning pilot looking to invest in a high quality ANR aviation headset built for longevity and with unsurpassed attention to comfort details. Zulu 3 features the legendary Lightspeed comfort and durability that has earned the loyalty of private pilots, too. With full Bluetooth integration, enjoy excellent call clarity, music fidelity, and wireless access to critical audio alerts from aviation apps on mobile devices, and Lightspeed's FlightLink free aviation app that can capture and retrieve incoming and outgoing communications. The magnesium earcup is superior at blocking high frequency noise, and Lightspeed's MicroPort technology offers greater ANR consistency over a large range of low frequency noise. The low-profile stainless steel headband provides lightweight durability, sturdy cables built around a Kevlar core, and an industry leading 7-year warranty make Zulu 3 a great ANR headset value.

Zulu 3 is available with three models; The battery powered version uses two "AA" batteries to run the ANR for up to 35 hours and has a battery status indicator. The auto shut-off will keep the batteries from discharging if you forget to turn the ANR off. The battery powered versions include either the standard dual GA plugs, or the single plug U-174 for helicopters. Zulu 3 is also available with 6-pin LEMO plug that plugs in to a matching panel installation, getting power from the aircraft, thus eliminating the need for batteries.



<b>P/N 4064</b>	Zulu 3 with Battery Power	<b>\$899</b>
<b>P/N 4065</b>	Zulu 3 with Panel Power	<b>\$899</b>
<b>P/N 4069</b>	Zulu 3 Helicopter Plug and Battery Power	<b>\$899</b>

## SIERRA ANR HEADSET

The ideal choice for any pilot advancing to a premium ANR headset, Sierra offers a better experience for you and your passengers. Quiet and comfortable, the premium Sierra ANR headset is value-priced yet still delivers quality on advanced features like dual volume control, Bluetooth connectivity, ComPriority™, plush ear seals, and a reversible headband designed for left or right microphone placement. Sierra is compatible with Lightspeed's FlightLink, which is a free aviation app for iPad and iPhone, allowing headset to wirelessly capture and retrieve incoming and outgoing communications in the cockpit. The ANR 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, and the auto shut-off feature keeps the batteries from discharging if you forget to turn the ANR off. Sierra weighs just 16 ounces, and includes a padded headset case, music interface cable, and 5-year warranty.

<b>P/N 4000</b>	Sierra with Battery Power	<b>\$699</b>
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## LIGHTSPEED HEADSET ACCESSORIES

<b>P/N A490</b>	ZULU/Sierra Ear Seals	<b>\$35</b>	<b>P/N A491</b>	Sierra Headpad	<b>\$20</b>
<b>P/N A483</b>	ZULU Headpad	<b>\$20</b>	<b>P/N A139</b>	ZULU/Sierra Mic Muff	<b>\$5</b>
<b>P/N A484</b>	ZULU Tall Headpad	<b>\$20</b>	<b>P/N A119</b>	Zulu Refresher Kit	<b>\$50</b>



## DC X-SERIES ENC HEADSET

Leading edge technology and sleek, supra aural design puts the 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.

<b>P/N DC ONE-X</b>	ENC Headset	<b>\$995</b>
<b>P/N DC ONE-XP</b>	ENC Headset w/LEMO Plug	<b>\$1065</b>
<b>P/N DC PRO-X2</b>	ENC Headset - AA Battery/GA Plugs	<b>\$895</b>

<b>P/N DC PRO-XP2</b>	ENC Headset - 6-Pin LEMO Plug	<b>\$895</b>
<b>P/N DC PRO-2</b>	Passive Headset-GA Plugs	<b>\$395</b>



## H10-13.4

The H10-13.4 series is one of the most comfortable passive headsets in the industry. Proven, reliable performance and remarkable comfort have made the H10-13.4 the top choice for thousands of pilots.

- Expanded, super-soft, double foam, head pad
- Larger, yet lighter, undercut, Comfort Gel ear seals
- 5-Year Warranty, Made in the USA
- FAA TSO Approved C-139
- Weight (without cord assembly): 16.5 oz
- Certified Noise Reduction Rating – 23 dB

<b>P/N H10-13.4</b>	Passive Mono Headset	<b>\$391.65</b>
<b>P/N H10-13 S</b>	Stereo with Dual Volume Controls	<b>\$398.45</b>
<b>P/N H10-13 H</b>	Coil Cord and Helicopter Plug	<b>\$414.70</b>
<b>P/N H10-13 Y</b>	Youth Headset	<b>\$391.65</b>



## 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.

<b>P/N H10-13X</b>	With 9V Battery Pack	<b>\$837.55</b>
<b>P/N H10-13XL</b>	With 9V Battery Pack and Coil Cord	<b>\$952.25</b>
<b>P/N H10-13XP</b>	With Panel Power Module	<b>\$906.10</b>
<b>P/N H10-13HXL</b>	With Helicopter Plug (9V battery pack)	<b>\$967.10</b>
<b>P/N H10-13HXP</b>	With Helicopter Plug (Panel Power)	<b>\$913.25</b>



## H10-30

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

<b>P/N H10-30</b>	<b>\$325</b>
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## H10-60

- 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

<b>P/N H10-60</b>	<b>\$448.20</b>
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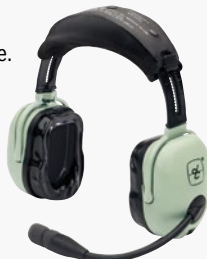


## H20-10

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
- Weighs 19 oz.

<b>P/N H20-10</b>	Passive Mono Headset	<b>\$420.25</b>
<b>P/N H20-10S</b>	Stereo w/ Dual Volume Controls	<b>\$437.45</b>



## 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.

<b>P/N 40688G-08</b>	<b>\$23.70</b>
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## ADDITIONAL HEADSETS

<b>P/N H10-20</b>	<b>\$387.40</b>	<b>P/N H10-66XL</b>	<b>\$1058.55</b>
<b>P/N H10-26</b>	<b>\$407.25</b>	<b>P/N H10-76</b>	<b>\$359.45</b>
<b>P/N H10-36</b>	<b>\$348.10</b>	<b>P/N H10-76XL</b>	<b>\$1008.80</b>
<b>P/N H10-56</b>	<b>\$429.00</b>		
<b>P/N H10-60H</b>	<b>\$465.40</b>		

## ACCESSORIES

<b>P/N 18316G-02</b>	Ear Seals – Foam Filled	<b>\$9.60</b>
<b>P/N 40243G-05</b>	Ear Seals – Gel H20-10	<b>\$61.30</b>
<b>P/N 40243G-02</b>	Ear Seals – Gel/Flo-Fit	<b>\$25.65</b>
<b>P/N 40863G-02</b>	Ear Seals – Comfort Gel/Undercut	<b>\$28.60</b>
<b>P/N 18434G-02</b>	M-1/DC Mic Muff	<b>\$5.55</b>
<b>P/N 40062G-01</b>	M-4 Mic Muff	<b>\$4.50</b>
<b>P/N 40062G-02</b>	M-7A Mic Muff	<b>\$4.50</b>
<b>P/N 09168P-33</b>	M-7A Electret Microphone	<b>\$49.95</b>
<b>P/N 40688G-36</b>	Super Soft Headpad Kit	<b>\$40.85</b>
<b>P/N 40592G-01</b>	Sheepskin Headpad Kit	<b>\$38.10</b>
<b>P/N 18981G-01</b>	Comfort Cover for Headpad	<b>\$9.75</b>
<b>P/N 22658G-01</b>	Comfort Cover for Ear Seals	<b>\$9.75</b>
<b>P/N 12500G-02</b>	"Stop Gap" Temple Cushions	<b>\$5.75</b>



**LIGHTWEIGHT ANR HEADSETS**

For more than 50 years, Telex innovations have provided pilots with the quality communications they depend on for safe, enjoyable flying. Only Telex offers the unmatched combination of advanced microphone technology, superior noise protection, comfort, and reliability.

It is this long history in aviation, unique understanding of the market, and unmatched combination of capabilities which positions Telex as a supplier to every major airplane manufacturer.

- P/N Airman8-P0210 Airman 8+ ANR **\$725**
- P/N Airman8-0210 Airman 8 ANR **\$545**
- P/N 301317-000 Airman 850 ANR **\$499**



**ECHELON-20 PASSIVE HEADSET**

Designed for students, budget minded pilots, and value-conscious experienced fliers, the Telex Echelon™ 20 full cushion aviation headset offers comfort, excellent hearing protection and value. The Echelon 20 provides an impressive 20+ dB of passive noise protection and a top-quality noise canceling electret microphone for clear, reliable communications. The Echelon 20 features a low-profile headband for even weight distribution plus patented ComfortCam™ technology, a three-click tension adjustment system for a custom fit. Special earpieces with foam ear-seals pivot two ways to conform to any wearer while detent sliders adjust the headband — making the Telex Echelon 20 a comfortable headset for any flight.

- P/N Echelon-20 Passive Headset **\$199**



**LIGHTWEIGHT PASSIVE HEADSETS**

The Airman 750 headset is the best-selling lightweight headset in the world. Weighing in at only 3.2 ounces, this headset is standard equipment on more than 70 percent of commercial airframes. The Airman 750 features an amplified noise canceling electret mic for crystal clear voice transmission. A flexible boom allows microphone adjustment to preferred side, and the adjustable stainless steel headband make the Telex Airman 750 comfortable even on the longest flights. The standard Airman 750 is a two-ear headset. Both are FAA TSO C57a & C58a approved.

- P/N 64300-200 Airman 750 Passive Headset **\$330**

**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.

- P/N ASAH1A AirClassics HS-1A Headset **\$145**

- OPTIONS:**
- P/N ASABAGH1 Single Headset Bag **\$20.99**



**S-20 HEADSET**

The S-20 is a great entry-level headset and the value leader in the Sigtronics headset line. The S-20 doesn't compromise on quality with its excellent noise canceling M-80 microphone light weight, and 3 year warranty.

- P/N S-20 Passive Headset **\$165**
- P/N S-20H Helicopter Headset **\$205**



**S-68 HEADSET**

The S-68 headset has all the comfort and performance features of the S-58 headsets with a completely different look. The gold titanium plated hardware and textured matte finish high performance black ear cups make the S-68 a great looking headset.

- P/N S-68 Headset **\$288**
- P/N S-68H Helicopter Headset **\$305**



**S-58 HEADSET**

The S-58 headset is unequalled in performance, comfort, and features by any other passive headsets. With a tough powder coated frame, long lasting gel ear seals, and high noise environment microphone with easy adjust flex boom, the S-58 a headset will be a pleasure to fly with for years.

- P/N S-58 Passive Headset **\$270**
- P/N S-58S Stereo Headset **\$305**
- P/N S-58H Helicopter Headset **\$288**



## 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 19-21db Active Noise Reduction and is equipped with SPS – a digital power management circuit – to preserve battery life. Weight: 13 oz.



P/N D90ANR Headset

\$449

## 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, Conform Foam ear seals, dual volume controls, flexible mic boom, and noise canceling electret mic. Weight: 18.2 oz.



P/N CLASSIC ANR Headset

\$389



## 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  
P/N 403 Stereo Intercom w/Jacks

\$199  
\$229

## IISX 2 PLACE & 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  
P/N IISX/SR-4 4-Place Portable Intercom

\$119  
\$145

## HEADSET ADAPTERS



Bose Panel Power Installation Kit  
P/N 323172-0010 \$100



Bose Panel Power Adapters  
P/N PCA-LEMO/GA Bose to GA \$39  
P/N PCA-GA/LEMO GA to Bose \$39



Dual Headset Adapter  
P/N PCA-XLR/GA Airbus to GA \$39  
P/N PCA-GA/XLR GA to Airbus \$39



Headset Extension 5'  
P/N PCA-13 \$39



Helicopter Adapter  
P/N PCA-17 \$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 \$39  
• Converts helicopter headset to standard  
• Adapts a helicopter U93A/U via U92A/U to headphone and mic 8" long.

## INTERCOMS



## 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 \$247  
P/N SPA-400N 4-Place High Noise Intercom \$270  
P/N SPA-600 6-Place Panel Mount Intercom \$285

## 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 \$213  
P/N SPO-22N 2-Place High Noise Portable Intercom \$240  
P/N SPO-42 4-Place Portable Intercom \$272  
P/N SPO-42N 4-Place High Noise Portable Intercom \$299

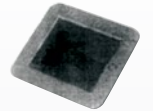
## ALUMINUM JACK HOUSING

P/N	DESCRIPTION	PRICE
AG-JH1	Black Crinkle Finish	\$23.95
AG-JH2	Tan Crinkle Finish	\$23.95
AG-JH3	Natural Finish	\$23.95
AG-JH5	Four Jack Holes	\$23.95



## HIGH IMPACT PLASTIC JACK HOUSING

FOR ASHTRAY HOLES  
P/N AVB \$23.95



## PUSH-TO-TALK SWITCH

P/N PTT \$15



	1. P/N PCA-21 \$8		5. P/N PCA-25 \$19
	.206 Mic Jack		U174/U Military Plug
	2. P/N PCA-22 \$7		6. P/N PCA-26 \$19
	1/4" Headphone Jack		U92A/U Military Jack
	3. P/N PCA-23 \$9		7. P/N PCA-27 \$5
	.206 Mic Plug		Microphone Panel Jack
	4. P/N PCA-20 \$6		8. P/N PCA-28 \$5
	1/4" Headphone Plug		Headphone Panel Jack

## LIFT HEADSET BAG

This sturdy bag has room for all the essentials, but won't get in your way. Includes a large headset pocket, iPad pocket and multiple organizer sections with room for all your accessories. A helpful exterior pocket makes it easy to grab your backup radio in an emergency. Steel-reinforced carrying handles will haul even the heaviest load, and the reinforced sides offer additional protection. Signature orange interior makes it easy to find the flashlight or pen in the dark.

Specs: Weight (empty): 2 lbs. External size: 12"h x 10.5"w x 9"d



P/N FO-LIFT  
P/N FO-LIFT PRO

Flight Bag  
Flight Bag Pro

\$99.95  
\$99.95

## LIFT XL FLIGHT BAG

Flight Outfitters has a reputation for making some of the hardest working, best looking flight bags in the world. The Lift XL is a larger version of the top-rated Lift Bag, adding more room for storage (including two headsets) and more organization options, all while retaining the signature design features that make Flight Outfitters bags so useful in the cockpit. For professional pilots who prefer an understated, all-black look, the Lift XL Pro is ideal. Slides over your rolling luggage for easy transport.



P/N FO-LIFTXL  
P/N FO-LIFTXL-PRO

LIFT XL Flight Bag  
LIFT XL Pro Flight Bag

\$129.95  
\$129.95

## BUSH PILOT FOLIO BAG

Whether you're soaring above the clouds in your Cirrus or closing a big deal in your desk chair, this Folio Bag looks like it just left the flight deck of a DC-3. But while the Bush Pilot Folio has plenty of style, it's also a very practical bag, storing a surprising amount of gear without looking bulky or weighing you down. It has separate pockets for your tablet and laptop, plus a large center compartment and plenty of exterior pockets. You can keep everything separated but easy to find. For further utility, the Folio Bag has a rear strap to securely attach it to your roll-aboard.



P/N FO-BPFOLIO

Bush Pilot Folio Bag

\$149.95

## BUSH PILOT BAG

This rugged flight bag offers a compelling mix of bush pilot styling and cockpit-centric features. Constructed of thick canvas with leather accents, this bag will quickly become a favorite at the airport and beyond. It has one main center compartment with two movable dividers, allowing you to customize your bag for your needs. Perfect for multiple headsets, or creating a spot for cockpit mounts/cameras. The plethora of external pockets keeps frequently used gear close at hand.



P/N FO-BPCHART

Bush Pilot Bag

\$129.95



## BUSH PILOT JACKET

This new jacket is essential equipment for your next adventure, whether you're flying seaplanes in Alaska or splitting wood in your back yard. Its rugged exterior blocks out wind and rain, and can stand up to almost any abuse. But the Bush Pilot jacket is as comfortable on the inside as it is tough on the outside, with a quilted body lining and Sherpa accents to keep you warm. It's the bomber jacket for the modern pilot.



P/N FO-M-BPJACKET-XXX Bush Pilot Jacket

\$129.95

## SURVIVAL KNIFE

This knife is much more than just a blade. Designed to be the perfect emergency accessory for pilots, this knife could save your life when in a pinch. Along with a locking serrated blade, there is a window breaker, seat belt cutter, LED flash-light, and magnesium alloy fire starter-all in pocket sized folding knife.



P/N FO-SKNIFE \$29.95

## BUSH PILOT FLASHLIGHT

Illuminate the night with this powerful, rechargeable flashlight. Smart Select Dial provides five unique light modes that can be accessed without scrolling through each one. Blast up to 1,000 lumens of white light for safe preflight inspections, or provide up to 120 hours of low-level green light so you don't disturb sleeping passengers. An adjustable beam provides spot and flood light modes, and there's even a strobe setting for emergency signalling.



P/N FO-POWERLIGHT

\$99.95

## IPAD FLIGHT DESK

A rigid mounting board is attached to thick, elastic straps to provide a secure surface for an iPad or phone. Three sizes of silicon holders (included) provide the perfect size for full size iPads (9-11"), iPad Mini, and most phones. The holders affix to the kneeboard via velcro. This provides the ability to completely customize the kneeboard to your needs. Attach your iPad in portrait or landscape mode and use the attached bracket to elevate your device to remove glare. Mounting your iPad in landscape mode leaves enough extra space to mount your phone above it.



P/N FO-KB-DELUXE iPad Flight Desk

\$99.95

## IPAD KNEEBOARDS

Our best selling kneeboards are getting even better. A new silicone attachment mechanism allows you to see more of the screen while taking up the minimal amount of space in your flight bag. The flexible holder is mounted to a firm surface that also provides rotational capabilities. Do you fly landscape for cross country and portrait for approaches? No problem. The Centerline Kneeboard easily rotates around the center-of-mass for the iPad.



P/N FO-KB4-LG  
P/N FO-KB4-SM

iPad Kneeboard  
iPad-Mini Kneeboard

\$74.95  
\$69.95



## SURVIVAL EQUIPMENT



### 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.

<b>P/N 45-61018-101N</b>	Comfortmax - Navy Blue	<b>\$109</b>
<b>P/N 45-61018-101R</b>	Comfortmax - Red	<b>\$109</b>
<b>P/N 61098-101N</b>	Navy Blue (Belt Pack Style)	<b>\$69</b>
<b>P/N 61098-101R</b>	Red (Belt Pack Style)	<b>\$69</b>

### 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.



<b>P/N SD-OW</b>	Orange/White Tie Down	<b>\$72.95</b>
<b>P/N SD-BK</b>	Black Tie Down	<b>\$72.95</b>
<b>P/N SD-GW</b>	Green/White Tie Down	<b>\$72.95</b>
<b>P/N SD-WB</b>	White/Blue Tie Down	<b>\$72.95</b>
<b>P/N SD-RW</b>	Red/White Tie Down	<b>\$72.95</b>

### GEIGER CO CARBON MONOXIDE DETECTOR

Much smaller, more responsive, USB rechargeable and more affordable Geiger CO is a key fob-sized unit that provides real time aural alarm when carbon monoxide levels are dangerously high. The auto calibrating unit includes an aural alarm and a visual LED scale that is designed to be very sensitive to carbon monoxide, avgas, and other volatile organic compounds. Geiger CO is just 1.2" x 2" in size, so it is easy to have in the cockpit. Built in a solid aluminum case, it rugged and bright orange color.



<b>P/N GEIGER CO</b>	CO Detector	<b>\$89.95</b>
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### 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.



<b>P/N AC1</b>	Wheel Chocks	<b>\$18.95</b>
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### AIRGIZMOS GUST LOCKS

If you fly for very long you will quickly realize the importance of locking 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, and the 24" "Remove Before Flight" flag make the locks more visible. Simply slide the gust lock in place and tighten the strap to secure in place. They are lightweight and portable. Perfect for carrying in the plane wherever you go.



<b>P/N AC6</b>	Single Gust lock	<b>\$35.95</b>
<b>P/N AC7</b>	Gust Locks 3-Pack	<b>\$94.95</b>



### TRAVEL CHOCKS

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

	<b>STANDARD (2" x 2" x 8")</b>	<b>SMALL (1.5" x 1.5" x 6")</b>
	<b>\$37.95</b>	<b>\$32.95</b>
<b>Blue</b>	<b>P/N AG-TC1</b>	<b>P/N AG-TC5</b>
<b>Yellow</b>	<b>P/N AG-TC2</b>	<b>P/N AG-TC6</b>
<b>Red</b>	<b>P/N AG-TC3</b>	<b>P/N AG-TC7</b>

### CARBON MONOXIDE DETECTOR

Easy to read visual indicator which turns gray to black depending on concentration of carbon monoxide gas in the air.

<b>P/N ASA-CO</b>	<b>\$5.95</b>
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### CX-3 ELECTRONIC FLIGHT COMPUTER

Fast, versatile and easy to use, the CX-3 delivers accurate results quickly and efficiently. It can be used on all FAA and Canadian pilot, mechanic, and dispatcher knowledge exams. Whether used for flight planning, ground school, or knowledge testing, the menu organization reflects the order in which a flight is normally planned and executed, giving a natural flow from one function to the next.

**P/N CX-3** Electronic Flight Computer **\$119.95**



### 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 **\$49.95**  
**P/N ASA-E6B-P** Lightweight Fiber **\$15.95**  
**P/N ASA-E6B-1** Mini Version **\$45.95**



### FLIGHT TIMER 3

Designed by pilots for pilots, the ASA Flight Timer is a one of a kind chronometer that fills a gap in the instruction and pilot aid category. Includes 2 AAA alkaline batteries.

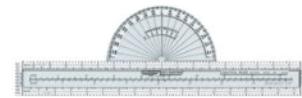
**P/N ASA-FLIGHT-TIMER-3** **\$49.95**



### 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** **\$9.95**



### 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 10001316** Student CSG **\$15.95**  
**P/N 10001317-002** Metal CSG **\$34.95**



### 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 **\$18.95** **P/N KB-2** IFR **\$18.95**

### 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 **\$45.95**



### 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 **\$45.95**



### 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 **\$49.95**



### AIRCRAFT LOGBOOKS

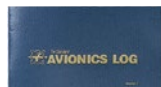
Designed to help keep your records in order.

**P/N ASA-SA-1** Soft cover, 64 pages **\$8.95**  
**P/N ASA-SA-2** Hard cover, 94 pages **\$14.95**



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 **\$7.95**



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

**P/N ASA-SP-L** Soft cover, 20 pages **\$5.95**



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 **\$8.95**  
**P/N ASA-SE-2** Hard cover, 95 pages **\$14.95**



### 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 10001795-006** **\$29.95** Size: 6-3/4" x 11-1/4"



### 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 10001315-002** **\$15.95**



### STANDARD LOGBOOKS

Standard Pilot Log **P/N ASA-SP-30** **\$10.95** Standard Pilot Log **P/N ASA-SP-57** **\$13.95**  
 Standard Pilot Log **P/N ASA-SP-40** **\$13.95** Standard Pilot Master Log **P/N ASA-SP-6** **\$20.95**





GARMIN®



ENJOY THE VIEW.  
EVERY TIME YOU FLY.

////// G3X TOUCH™ SERIES FOR EXPERIMENTAL AIRCRAFT //

- TOUCHSCREEN, KNOB AND BUTTON CONTROL
- INTEGRATION WITH COMMS, TRANSPONDER, IFR GPS AND MORE
- ADS-B TARGETTEND™ TRAFFIC AND SIRIUSXM® WEATHER\*
- SUPPORTS ANY COMBINATION OF 10.6" AND 7" DISPLAYS, UP TO 4
- MODERN AUTOPILOT WITH ACCLAIMED PERFORMANCE
- SAFETY-ENHANCING SMART GLIDE TECHNOLOGY

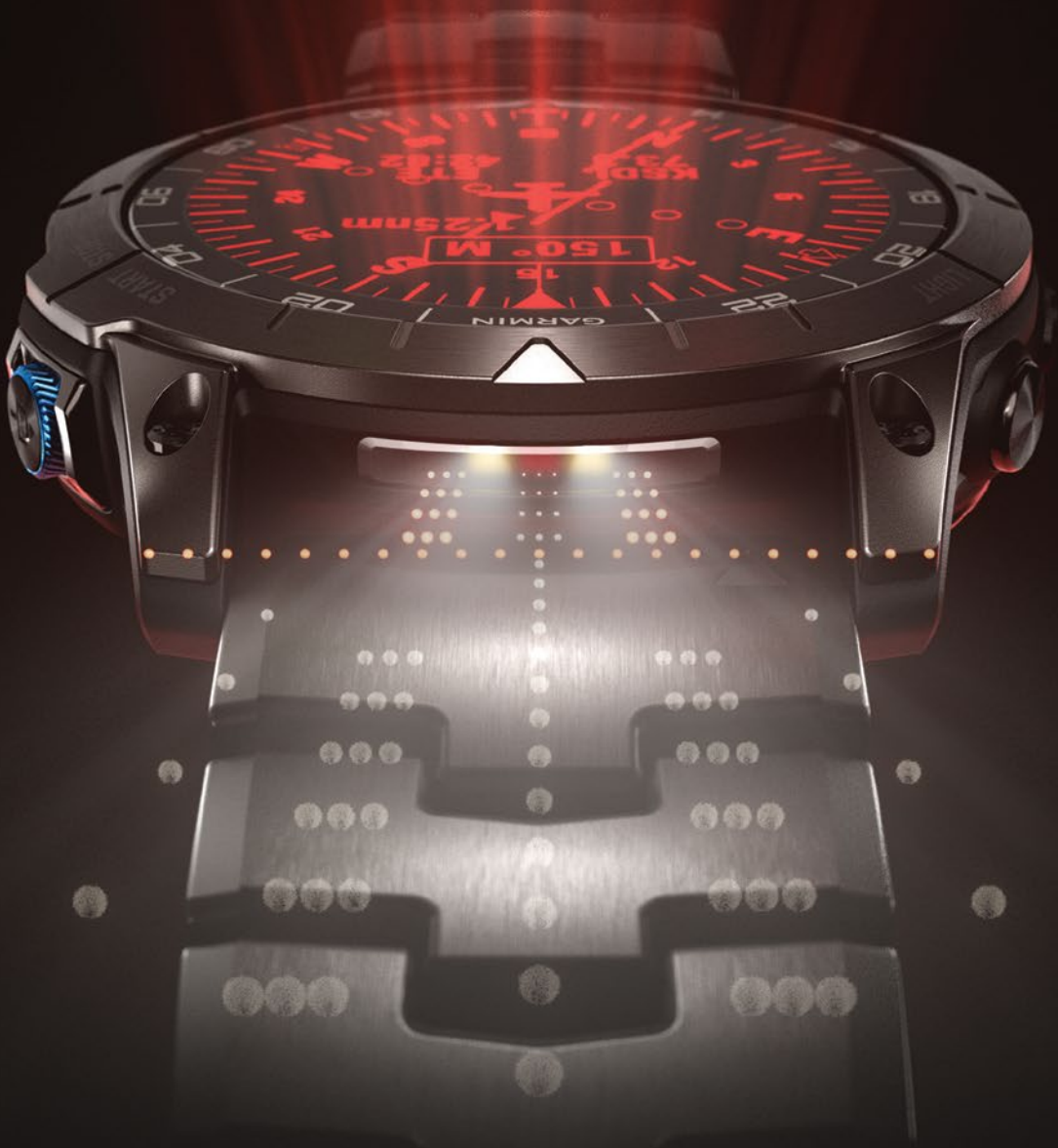
FOR MORE DETAILS, VISIT [GARMIN.COM/EXPERIMENTAL](https://www.garmin.com/experimental)

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GARMIN.



LIGHT THE WAY



D2™ MACH 1 PRO

MEET THE AVIATOR SMARTWATCH BUILT FOR THE PROS. GET A BUILT-IN FLASHLIGHT AND TOOLS FOR YOUR LIFE IN THE AIR AND ON THE GROUND.