GARMIN G5 ELECTRONIC FLIGHT INSTRUMENT

Backup or Primary Flight Instrument with Optional Autopilot Capability

G5 electronic flight instrument for experi-mental-amateur-built (EAB) and light sport aircraft (LSA). The compact and cost-effective G5 delivers exceptional performance and reliability, serving as either a backup instrument to G3X™ or other EFIS systems or as a standalone primary flight display, with optional autopilot mode annunciation. Boasting a bright, 3.5-inch sunlight-readable liquid crystal display (LCD) with built-in GPS, G5 displays attitude, ground track, altitude, airspeed, groundspeed, vertical speed, slip/skid/course (lateral) deviation, vertical deviation and incorporates a dedicated HSI page. Even more capabilities are available when integrated with G3X glass flight displays. Additionally, the G5 can serve as part of a highly capable standalone autopilot solution when paired with compatible autopilot mode controllers and autopilot servos.

Seamless Cockpit Integration

The G5 offers EAB/LSA aircraft owners a cost-effective path to add a primary or backup flight instrument to their cockpits, which combines essential flight information on an easy-to-read display.

CERTIFIED WITH LPM

G5 Primary Electronic Attitude Display...........P/N 11-18411 ...........$2,625.00
G5 without Harness.................................P/N 11-14312 ...........$1,495.00
Experimental G5 with Custom Harness........P/N 11-14447 ...........$1,668.00

GARMIN G5 DG / HSI WITH LPM

Glass Upgrade for DG/HSI and Attitude Instruments in GA Aircraft • Replaces traditional electromechanical instruments; can be configured in attitude, DG/HSI and turn coordinator positions • Bright, sunlight-readable 3.5" LCD color display sized to fit standard 3-1/8" instrument cutout • Certified via approved model list (AML) for STC’d installation on more than 560 aircraft makes and models • Includes a 4-hour backup battery with battery status indicator • Dual G5 installation offers reversionary display capability plus the added redundancy of dual AD/ARHs and dual backup batteries. The G5 electronic flight instrument delivers exceptional performance, reliability and ease of installation. In the event of a drop-in replacement for primary attitude and/or directional gyro, the G5 is capable of supporting this modification. The Recessed Adapter Plate includes reference holes and can be used as a template for creating the recessed cutout. Supports one or two G5 units. .................P/N 11-15518 ...........$110.75

GARMIN G5 LIGHTNING PROTECTION MODULE WITH G5 INSTALL KIT

This kit incorporates a lightning protection module (LPM) into the backshell of the D-sub. The LPM provides additional protection devices for the CAN signals and aircraft power/ground inputs. Kit also includes a standard G5 installation kit. ..................P/N 11-18409 ...........$111.00

AFFORDABLE AVIATION DUAL GARMIN G5

RECESSED FLUSH MOUNT ADAPTER

FAA / PMA APPROVED - REPLACEMENT FOR GARMIN P/N 115-02733-00.

The recessed mount is made to precision cut on a laser cutter to the Garmin G5s. Less Reference Holes. Each Adapter Plate is anodized to prevent corrosion per Garmin. ..................P/N 13-24286 ...........$89.90

SIX PACK AERO WINGTIP BRACKET

GARMIN GMU 11 MAGNETOMETER MOUNT

Note: Garmin GMU 11 Magnetometer is not included. This wingtip bracket is designed and fabricated from 2024-T3 aluminum to meet the material specifications outlined by the Garmin G5 and GMU 11 Magnetometer installation instructions in accordance with the applicable Supplemental Type Certificate........P/N 10-07417 ...........$59.95

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Garmin GLARESHIELD

GARMIN GLARESHIELD

GARMIN G5 FLUSH MOUNT PANEL BRACKET

This flush mount bracket is a neat solution to mount a Garmin G5 FL Panel. This aluminum mounting bracket can be fixed vertically or horizontally depending on your needs. There are 4 holes for #3 rivets to fix the mounting bracket to the panel. See Garmin G5 Flush Single for panel cut-out dimensions. Can be rotated 90 degrees if needed for panel orientation. .................P/N 11-15457 ...........$59.75

GARMIN SMP G5 ADAPTER PLATE

The G5 adapter plate is fabricated from 0.050 thick 2024-T3 aluminum per the dimensions shown in Figure 4-11. Apply a finish coat of paint to the adapter plates as desired prior to final installation. These may be field fabricated if needed and must have some type of corrosion protection (primer, alodine, etc.). ..................P/N 11-11370 ...........$29.95

GARMIN G5 FLUSH MOUNT PANEL BRACKET

With this flush mount, the G5 unit may be recessed into the instrument panel which positions the display flush with the instrument panel. Some instrument panels may not be capable of supporting this modification. The Recessed Adapter Plate includes reference holes and can be used as a template for creating the recessed cutout. Supports one or two G5 units. .................P/N 11-15518 ...........$110.75

GARMIN GI 275 CDI / MFD

The GI 275 Base variant can be utilized as a CDI/MFD with features such as traffic, weather, terrain, SafeTaxi® airport diagrams, and more. When installed as a CDI, the GI 275 flight instrument, when paired with select VHF Nav radios or GPS navigators, can serve as your primary indicator for making, adjusting and tracking course selections. It is designed to accept a variety of GPS or navigation inputs, allowing up to two GPS sources and two VHF navigation sources. The GI 275 features an Omni Bearing Resolver that allows the flight instrument to interface to a variety of legacy navigation sources without the need for an expensive adapter. CDI source selection can be accomplished through the touchscreen interface while course and heading selection is completed by using either the touchscreen or dual concentric knobs. When pilots replace an older mechanical CDI, the GI 275 doubles as a modern digital indicator and adds MFD-like capabilities such as a moving map, weather, traffic and terrain.

Specifications: • Width: 3.25" (82.6 mm) • Height: 3.25" (82.6 mm) • Depth: 6.44" (163.6 mm) ..................P/N 11-17661 ...........$3,295.00
Backup battery pack ..................P/N 11-19100 ...........$439.95

GARMIN GI 275 EIS ENGINE INDICATION SYSTEM

The GI 275 EIS variant can serve as a primary EIS for display of fuel, electrical and other data. Use dual GI 275 displays to monitor twin-engine aircraft. Graphical display of cylinder head and exhaust gas temperatures allows you to pinpoint the optimal fuel/air mixture for efficient power management.

Specifications: • Width: 3.25" (82.6 mm) • Height: 3.25" (82.6 mm) • Depth: 6.44" (163.6 mm) ..................P/N 11-17865 ...........$3,895.00
With GEA 24 (Unit Only) ..................P/N 11-17865 ...........$3,895.00
With GEA 24 + 4-Cyl Base Package ..................P/N 11-17869 ...........$4,438.00
With GEA 24 + 6-Cyl Package ..................P/N 11-17870 ...........$4,895.00

GARMIN G5 BACK-UP BATTERY

G5 Back-up Battery ..................P/N 11-14314 ...........$248.95
G5 Flush Mount Panel Bracket - Non PMA ..................P/N 11-15457 ...........$59.75
GA 35 TSO WAAS GPS Antenna TNC ..................P/N 11-09701 ...........$327.00
GA 35 TSO WAAS GPS Antenna TNC - Black ..................P/N 11-19100 ...........$325.00
GA 36 GPS / WAAS Through Mount Antenna ..................P/N 10-05694 ...........$416.00
Glareshield Mount TNC GPS Antenna for G5 ..................P/N 10-06987 ...........$229.95
**Note: Per Garmin, even though this product is certified, we can only sell over the counter to experimental aircraft (must verify) with wire harness.**

Garmin is changing the course of aviation yet again! Introducing the GTN 650Xi. With more pixels, more processing power, more speed and performance, the GTN 650Xi system brings exciting new growth capabilities to the industry’s premier GPS/Nav/Comm/MFD platform.

- Brighter, Faster, Sharper, Better - Do-It-All Touchscreen Intuitive touchscreen interface provides quick access to navigation, radio tuning, multifunction display features and more. • Lightning-Fast Response - Powerful dual-core processors boost the GTN Xi series graphical display capabilities — with faster zooming, panning and map rendering on the display. • High-Resolution Display - With almost double the pixel count of its predecessor, the GTN Xi series features wider viewing angles and one of the highest-resolution displays ever offered in this class of avionics. • Work Saving Ways to Tune and Display - Multi-function Display Supporting multiple inputs, the 6.9” display can put moving maps, terrain, traffic, weather, airport diagrams and more at your fingertips.

**Specifications:**
- TSO applicability: C94a; 2C34f; C94a Class A; 2C36f Class A; C40c; 2C40c; C74d Class A; C112e; C128a; 2C128; C146e Class 3; C151d Class A; B; C157b Class 1, 2; 165b; C169a Class C, E, S, 4, 5, 6; 2C169a Class C, E, H, 2, 3, 4, 5, 6; C194; C195a Class B1, B3, B5, B7; C509 • Display size: 4.9” (125 mm) diagonal • Display resolution: 834 pixels (W) x 370 pixels (H) • Unit bezel height: 2.65” (67 mm) • Unit bezel width: 6.25” (159 mm) • Unit depth with connectors: 11.25” (286 mm) (measured from face of aircraft panel to rear of connector backshell) • Unit weight: 5.5 lbs (2.48 kg) • Input voltage range: 11 VDC - 33 VDC • Operating temperature range: -20° C to 55° C (-4° F to 131° F) • Number of GPS channels: 15 (12 GPS and 3 GPS/WAAS/SBAS) • LAT/LON position accuracy: <1.25 meter RMS horizontal, < 2 meter vertical, with WAAS • Maximum velocity: 1,166 knots • Position Update Interval: 0.2 sec (5 Hz)

Unit with 4ft Wire Pigtail Americas.................P/N 11-17834 .... $10,744.00
Unit with 4ft Wire Pigtail International..........P/N 11-17835 .... $12,004.00
Unit with Custom Wire Pigtail.....................P/N 11-12961 .... $12,134.00

Note: Garmin changing the course of aviation yet again! Introducing the GTN 650Xi. With more pixels, more processing power, more speed and performance, the GTN 650Xi system brings exciting new growth capabilities to the industry’s premier GPS/Nav/Comm/MFD platform.

**Garmin GTN 750Xi GPS/NAV/COM/MFD SYSTEM WITH HARNESS FOR EXPERIMENTAL AIRCRAFT**

**Note: Per Garmin, we can only offer this product to experimental aircraft with harness.**

Packt full of powerful avionics, the GTN 750Xi is a fully integrated GPS/NAV/COMM solution. The 6-in.-tall system’s intuitive touchscreen controls and large display give you unprecedented access to high-resolution terrain mapping, graphical flight planning, geo-referenced charting, traffic display, satellite weather and much more.

Tap into a new generation of faster, smarter avionics. With more pixels, more processing power, more speed and performance, the GTN 750Xi system brings exciting new growth capabilities to the industry’s premier GPS/Nav/Comm/MFD platform. Visualize your entire flight plan, including holds and approaches on a big 6.9” touch display. High-speed processors cut boot-up time by 50% over earlier GTN models. Fly the approaches you want — from visual glidespaths to LPV, RNAV, ILS and more. It’s interface-friendly with a wide range of existing avionics, autopilots and flight displays. Wirelessly load flight plans and database updates with an optional Connext® link. Brighter, Faster, Sharper, Better - Do-It-All Touchscreen Intuitive touchscreen interface provides quick access to navigation, radio tuning, multifunction display features and more. • Lightning-Fast Response - Powerful dual-core processors boost the GTN Xi series graphical display capabilities — with faster zooming, panning and map rendering on the display. • High-Resolution Display - With almost double the pixel count of its predecessor, the GTN Xi series features wider viewing angles and one of the highest-resolution displays ever offered in this class of avionics. • Work Saving Ways to Tune and Display - Multi-function Display Supporting multiple inputs, the 6.9” display can put moving maps, terrain, traffic, weather, airport diagrams and more at your fingertips.

**Specifications:**
- TSO applicability: C34a; 2C34f; C94a Class A; 2C36f Class A; C40c; 2C40c; C74d Class A; C112e; C128a; 2C128; C146e Class 3; C151d Class A; B; C157b Class 1, 2; 165b; C169a Class C, E, S, 4, 5, 6; 2C169a Class C, E, H, 2, 3, 4, 5, 6; C194; C195a Class B1, B3, B5, B7; C509 • Display size: 4.9” (125 mm) diagonal • Display resolution: 834 pixels (W) x 370 pixels (H) • Unit bezel height: 2.65” (67 mm) • Unit bezel width: 6.25” (159 mm) • Unit depth with connectors: 11.25” (286 mm) (measured from face of aircraft panel to rear of connector backshell) • Unit weight: 5.5 lbs (2.48 kg) • Input voltage range: 11 VDC - 33 VDC • Operating temperature range: -20° C to 55° C (-4° F to 131° F) • Number of GPS channels: 15 (12 GPS and 3 GPS/WAAS/SBAS) • LAT/LON position accuracy: <1.25 meter RMS horizontal, < 2 meter vertical, with WAAS • Maximum velocity: 1,166 knots • Position Update Interval: 0.2 sec (5 Hz)

Unit with 4ft Wire Pigtail Americas.................P/N 11-17827 .... $10,744.00
Unit with 4ft Wire Pigtail International..........P/N 11-17828 .... $12,004.00
Unit with Custom Wire Pigtail.....................P/N 11-12957 .... $12,134.00

Note: Per Garmin, even though this product is certified, we can only sell over the counter to experimental aircraft (must verify) with wire harness. For certified aircraft, you will have to fly to a Garmin install dealer. Introducing the next generation of aircraft navigation. The GTN 625 is a 6-in.-tall standalone GPS navigator that puts a wealth of features at your fingertips — like high-resolution terrain mapping, graphical flight planning, traffic display and more — right at your fingertips.

**Touch and Go**

With the GTN 625’s revolutionary new touchscreen interface, you’re rarely more than two taps away from all of the system’s primary functions. Quickly pan across the map screen simply by swiping your finger across the high-resolution TFT display. Or enter waypoint data with the onscreen alphanumeric entry. It’s designed with raised grips in the bezel and a shelf across the lower edge of the display that serve as gripping points in both smooth and turbulent flight conditions. Traditional concentric knobs are also available for those who are used to that style of data input.

Unit with 4ft Wire Pigtail Americas.................P/N 11-17831 .... $16,225.00
Unit with 4ft Wire Pigtail International..........P/N 11-17835 .... $17,265.00
Unit with Custom Wire Pigtail.....................P/N 11-12959 .... $18,915.00
GARMIN G3X EFIS / EMS / GPS TOUCH SYSTEM

The G3X Touch is a large touchscreen glass flight display system designed for installation in experimental amateur-built and light sport aircraft (LSA). The non-certified G3X Touch system offers pilots easy-to-read, easy-to-use, high-resolution 10.6-inch flight displays with split-screen functionality and a host of advanced interface options – all at a great price.

Large Touch Display: A large 10.6-inch display. Since G3X Touch is scalable and easily configurable, pilots can choose to install up to three G3X Touch displays in their panel. Incorporating the latest in infrared touchscreen technology, the display offers a resilient, high-resolution, sunlight readable screen that demonstrates Garmin’s industry-leading experience in integrated flight decks. Enhanced Functionality and Situational Awareness: The G3X Touch display provides pilots with an intuitive split-screen mode with the option to view PFD, MFD, and engine information on a single display. Synthetic vision (SVX™) is a standard feature on G3X Touch, which provides a rich, three-dimensional depiction of terrain, obstacles, water features, the runway environment, and more.

Seamless Integration and Familiar Interface: G3X Touch interfaces with Garmin’s industry-leading experimental autopilot, which gives pilots autopilot three-dimensional depiction of terrain, obstacles, water features, the runway environment, and more.

<table>
<thead>
<tr>
<th>Steps</th>
<th>Garmin #</th>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Pick Your System</td>
<td>K10-00016-40</td>
<td>Single Display GDU 460 System With Out EIS</td>
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<td>GMU 22 Mounting Bracket</td>
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<td>GDU 45X Connector Kit</td>
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<td>2. Select Antenna(s)</td>
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<td>010-11370-10</td>
<td>GA 57X GPS/SM (external mount) Antenna</td>
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<td>3. Add Engine Probe Package</td>
<td>K00-00512-00</td>
<td>4 Cylinder Lyc/Cont Probe Kit</td>
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<td>6 Cylinder Lyc/Cont Probe Kit</td>
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<td>Rotax 912 Probe Kit</td>
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<td>494-30004-02</td>
<td>Fuel Pressure (Injected), 50 PSIG, 1/8-27 NPT</td>
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<td>494-30004-03</td>
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<td>TIT, Type K thermocouple, 7/16-20, bayonet</td>
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<td>G3X Jabiru Probe Kit</td>
<td>10-06579</td>
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<td>4. Add Transponder for Remote Mode S (Optional)</td>
<td>GTX 23</td>
<td>Remote Mount GTX 23 Mode S Transponder</td>
<td>11-10001</td>
<td>$2,299.00</td>
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<td>5. Add Com for Remote Radio</td>
<td>010-01076-01</td>
<td>GTR 20 Remote Comm Radio for G3X Touch Only</td>
<td>11-12647</td>
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<td>6. Add Autopilot</td>
<td>GSA 28</td>
<td>GSA 28 Single Autopilot Servo</td>
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<td>RV Aircraft Servo Packages</td>
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<td>GSA 28 Servo Install Kit for RV 6 Roll</td>
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<td>7. Add Autopilot Control Panel</td>
<td>010-01169-00</td>
<td>GMC 305 Autopilot Control Panel</td>
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<td>010-12034-00</td>
<td>GMC 305 Install Kit</td>
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<td>8. Add ADS-B Weather</td>
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<td>GDL 39 Portable ADS-B Receiver with Bare Wire Cable</td>
<td>11-10730</td>
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Prices Subject to Change Without Notice - Valid as of June 1, 2023.
**GARMIN CONTINUED FROM THE PREVIOUS PAGE.**

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<tbody>
<tr>
<td>9. Add Pitot Tube &amp; AOA</td>
<td>010-01074-00</td>
<td>GAP 26 Unheated Pitot Tube</td>
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<td>GI 260 Angle of Attack Indicator for G3x or G3x Touch</td>
<td>11-12648</td>
<td>$299.95</td>
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<td>10. ARINC Interface</td>
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<td>GAD 29 ARINC Interface</td>
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<td>G3x VFR Harness EFIS/EMS 4CYL CON/LYC</td>
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<td>G3x LRU kit with GSU 25B, GMU 22, GTP 59 and configuration module</td>
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<td>GAP 26 Heated &amp; Regulated Pitot Tube 28V</td>
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<td>G3x Add-on Vertical Power or GAD 27 Harness</td>
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<td>494-30004-01</td>
<td>Garmin G3x Manifold Pressure 30 PSIA 1/8-27 NPT Sensor Kit.</td>
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<td>Garmin G3x Adapter - BNC to RCA 75 OHM</td>
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WWW.AIRCRAFTSPRUCE.COM FOR GARMIN G3X IFR SYSTEM

**GARMIN GMC 507 AUTOPILOT CONTROL HEAD FOR G3X**

When installed with G3x Touch flight displays, the GMC 507 offers alternative, dedicated autopilot controls. While autopilot features can be selected using the touchscreen controls on G3x Touch flight displays, this unit allows for easier pitch, vertical speed and airspeed adjustments by using the control wheel. Additionally, separate knobs allow easy twist-control of heading/track and altitude. And for added safety, the controller’s dedicated LVL mode button commands automatic recovery from steep or unusual attitudes, prompting the autopilot to return the aircraft to straight-and-level flight.

An Advanced Autopilot Mode Controller for Your Airplane
- Dedicated controller for advanced Garmin autopilot modes
- Control wheel for speed selection
- Dedicated heading/track and altitude knobs
- LVL mode button commands automatic recovery from steep or unusual attitudes
- Dedicated heading and track buttons

Note: G3x Touch system must be running software revision 5.70 or later.......................................................... P/N 11-16219..............................................$1,160.00

**GARMIN GSU 25C UNIT ONLY 010-01071-50**

The GSU 25 is an Air Data Attitude Heading Reference System (ADAHRS) for aircraft flying up to 465 knots Indicated Air Speed. Air Data and Attitude Input for G3x Touch
- Provides highly accurate and reliable referencing of the aircraft position, rate, vector and acceleration data
- Designed for aircraft flying up to 465 knots Indicated Air Speed (IAS)
- Allows flexibility in choosing mounting positions
- Enhance system redundancy by installing multiple ADAHRS units .................. P/N 11-18423.................................$885.00
GARMIN GTX 335 DIGITAL TRANSPOUNDER - EXPERIMENTAL

All-inclusive 1090 MHz ADS-B “Out” Transponder Solution:
• Satisfies NextGen equipment requirements for ADS-B “Out” • 1090 MHz output enables aircraft to operate at any altitude, in air space around the globe • Combines Mode S Extended Squitter (ES) transponder and optional WAAS/GPS position source in a single unit • Useful display features include flight time, count-up and count-down timers, plus current pressure altitude readout • Easy replacement for your existing transponder, with common 1.65-inch tall form factor

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<th>Part No.</th>
<th>Description</th>
<th>Price</th>
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<tr>
<td>11-14168</td>
<td>GTX 335 with custom harness</td>
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<td>GTX 335 GPS with 4ft harness</td>
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<td>11-15036</td>
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GARMIN GTX 345 DIGITAL TRANSPOUNDER - EXPERIMENTAL

All-in-one Transponder Solution for ADS-B “Out” and “In” • 1090 MHz ADS-B “Out” enables aircraft to operate at any altitude, in airspace around the globe • Combines Mode S Extended Squitter (ES) transponder and optional WAAS/GPS position source in a single unit • Provides access to dual-link ADS-B “In” traffic and subscription-free weather on compatible displays • Wirelessly stream weather, traffic, GPS position and backup attitude via Connext™ link to Garmin Pilot™ and ForeFlight Mobile apps as well as the aera®, 795/796 portables • Easy replacement for your existing transponder, with common 1.65-inch tall form factor

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
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<tr>
<td>11-14171</td>
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<td>11-14178</td>
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<td>11-16516</td>
<td>GTX 335 Install Rack</td>
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<tr>
<td>11-17385</td>
<td>GTX 335 Back Plate</td>
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GARMIN GTX335 ADS-B TRANSPOUNDER WITH GPS + GAE 12 ENCODER PROMO KIT

Note: This promotional kit may be sold to certified aircraft. It includes a GA 35 WAAS antenna, offering customers a completely standalone ADS-B “Out” solution. 

Part No. Description Price
11-17184 .......... | $3,595.00 |

Note: Sold with harness. Cannot be sold without harness. A panel-mounted Mode S digital transponder series with traffic data capability and dedicated pushbutton keys for squawk code selection. With IFR-certified ES, or Extended Squitter, versions of the GTX 330, this offers an affordable pathway to ADS-B compliance for the Next Generation airspace system. Enables transponders to automatically transmit more accurate, and more useful, traffic surveillance data. Certified to TSO-C166b, authorization for 1090 MHz extended squitter transmission. The ADS-B reports provide ground controllers with considerably faster updates than traditional radar. All the features of the standard GTX 330 transponder are retained in the ES version. Unit dimensions, WxHxD: 6.25”x1.65”x11.25” (15.9 x 4.2 x 28.6 cm). Weight: 4.2 lb (1.9 kg). In the Box: GTX 330/330D transponder, Installation Kit, and Pilot’s Guide.

GARMIN GTX 330 ES TRANSPOUNDER

Note: Sold with harness. Cannot be sold without harness. A panel-mounted Mode S digital transponder series with traffic data capability and dedicated pushbutton keys for squawk code selection. With IFR-certified ES, or Extended Squitter, versions of the GTX 330, this offers an affordable pathway to ADS-B compliance for the Next Generation airspace system. Enables transponders to automatically transmit more accurate, and more useful, traffic surveillance data. Certified to TSO-C166b, authorization for 1090 MHz extended squitter transmission. The ADS-B reports provide ground controllers with considerably faster updates than traditional radar. All the features of the standard GTX 330 transponder are retained in the ES version. Unit dimensions, WxHxD: 6.25”x1.65”x11.25” (15.9 x 4.2 x 28.6 cm). Weight: 4.2 lb (1.9 kg). In the Box: GTX 330/330D transponder, Installation Kit, and Pilot’s Guide.

GARMIN GTX 325 MODE C TRANSPOUNDER

Offering a simple, affordable replacement for standard Mode C transponder units in aircraft that don’t fly in ADS-B mandated airspace — or that will be equipped with a separate UAT ADS-B transceiver solution — the GTX 325 transponder is a reliable, TSO-certified problem solver. Its solid-state design works to maximize service life and assure dependable ATC traffic surveillance.

Note: For ADS-B compliance, the GTX 325 requires that the aircraft is equipped with a UAT ADS-B solution, like the GDL 82.

GARMIN GMA 345 AUDIO PANEL WITH BLUETOOTH®

Bluetooth® Audio Panel for Your Certified Avionics. Bluetooth connectivity enables easy access to phone calls and audio entertainment. Draws on top-end Garmin audio technology for “home theater” quality sound with dedicated music volume knobs for pilot and copilot. 3D Audio processing helps pilots “locate” inputs coming into their headsets. Advanced Auto Squelch technology automatically adapts to quiet or noisy environments without clipping words or cutting out during conversation. Digital voice recorder offers instant replay of comm radio inputs. Offers slide-in replacement upgrade for GTX 340 and select third-party audio panels.

GARMIN GMA 342 AUDIO PANEL

Able Audio Control for Your Certified Avionics. Draws on top-end Garmin audio technology for “home theater” quality sound with dedicated music volume knobs for pilot and copilot. 3D Audio processing helps pilots “locate” inputs coming into their headsets. Advanced Auto Squelch technology automatically adapts to quiet or noisy environments without clipping words or cutting out during conversation. Digital voice recorder offers instant replay of comm radio inputs. Offers slide-in replacement upgrade for GMA 340 and select third-party audio panels.

GARMIN GMA 345 AUDIO PANEL

Bluetooth® Audio Panel for Your Certified Avionics. Bluetooth connectivity enables easy access to phone calls and audio entertainment. Draws on top-end Garmin audio technology for “home theater” quality sound with dedicated music volume knobs for pilot and copilot. 3D Audio processing helps pilots “locate” inputs coming into their headsets. Advanced Auto Squelch technology automatically adapts to quiet or noisy environments without clipping words or cutting out during conversation. Digital voice recorder offers instant replay of comm radio inputs. Offers slide-in replacement upgrade for GMA 340 and select third-party audio panels.

For a quote on complete custom panels for experimental aircraft please email: avionics@aircraftspruce.com

GARMIN GAE12 ALTITUDE Encoder

Conveniently mounts to the transponder back plate for easy installation and service, precluding the need for a static leak check after removal of the transponder for maintenance. The altitude encoder is configured using either the configuration interface on the display units or via the PC based install tool. The encoder can be used at altitudes up to 30,000ft and can be configured to output the data to a GTN Navigator. This unit is only compatible with the GTX 335(R)/345(R).

GARMIN GNC 355 GPS NAVIGATOR / COMM RADIO

Slim, all-in-one touchscreen GPS navigator and Comm radio for Part 23 Class I/II aircraft (weighing less than 6,000 lbs) and experimental / amateur-built aircraft • Takes advantage of WAAS navigation with LPV approaches, which offer minimums as low as 200’ to greatly expand your operational capability • Built-in 10-watt Comm radio with 25 kHz or optional 8.33 kHz channel spacing (with GNC 355A) plus standby frequency monitoring and automatic frequency identification • Pairs with select Garmin flight displays, or GBAS receiver (with GNC 355A) plus standby frequency monitoring and automatic frequency identification • Pairs with select Garmin flight displays, or connect directly with your existing course deviation indicator (CDI) for cost-effective installation • Visualize your entire flight plan, including departures, arrivals, instrument approaches, holding patterns and more on a high-definition global moving map • Wireless transponder, table, maps and steam weather, traffic, GPS position and backup attitude via built-in Connext® technology to the Garmin Pilot™ app and more.

For a quote on complete custom panels for experimental aircraft please email: avionics@aircraftspruce.com

WWW.AIRCRAFTSPRUCE.COM
Prices Subject to Change Without Notice - Valid as of June 1, 2023.
GARMIN GTR 225/GNC 255 VHF NAV/COM RADIOS

Replacement products for the popular SL30 and SL40 models. Meet the requirements of the 8.33 kHz channel spacing mandate recently enacted by the European Union under the Single European Sky (SES) initiative. The GNC series NAV/COM radios offer all of the COM features, while also adding navigation capability with VOR/ILS with Glideslope. The GNC series works well with select Garmin flight displays including the G500, G600, G500H and G3X to display the NAV indicators in the primary flight display, and can integrate with most autopilots.

GARMIN GTR 200 PANEL MOUNT COM RADIO

The GTR 200 panel mount comm radio for experimental and light sport aircraft that offers a slim design and powerful features, including advanced auto-squelch, 3D audio, stereo intercom, stereo music input, alert inputs, best-in-class standby frequency monitoring, on-screen frequency identification, and much more.

GARMIN GMA 350 AUDIO PANEL

This is for experimental aircraft use only. - See Harness tab for unit details. - Standard Kit comes with Rack, Connector Kit, and Back Plate. "Standard Kit + Harness" model includes all the same + the harness. Includes Rack, Connector Kit, Back plate, and selected harness.

GARMIN GTR 200B WITH BLUETOOTH

The Bluetooth-enabled GTR 200B combines state-of-the-art features from a comm radio and two-seat intercom to reduce pilot workload. Bluetooth connectivity adds more functionality to the cockpit, giving pilots the option to wirelessly connect a smartphone or tablet to the GTR 200B. Pilots can easily make phone calls and listen to audio entertainment, or call Flight Service to obtain a take-off clearance at an uncontrolled airport – all through the radio.

GARMIN GPS 175 GPS NAVIGATOR WITH GA 35 GPS ANTENNA KIT STC

Big capabilities come in a small package with the GPS 175 navigator. With its bright, clear high-resolution touchscreen display, you can have the advanced navigation functions you’ve always dreamed of. Enjoying turn-by-turn directions as a cinch, and accessing every function is fast and easy. It’s equally at home in certificated aircraft or an experimental aircraft. And it’s the same 2’ height as older navigation equipment and can allow you to keep the legacy high-frequency CDI already in your aircraft to minimize installation cost! That makes GPS 175 the smart, affordable way to add next-generation navigation to your favorite airplane. P/N 11-17226 $4,995.00

GARMIN® GNX™ 375 GPS NAVIGATOR + ADS-B OUT / IN TRANSPONDER WITH HARNESS

LPV Approaches and ADS-B "In/"Out." Priced for Your Aircraft Slim, all-in-one touchscreen GPS navigator and ADS-B transponder for (weighing less than 6,000 lbs) and experimental/ amateur-built aircraft with 4 Ft Harness. P/N 11-17276 $7,765.00 with Custom Harness. P/N 11-17550 $7,895.00

GARMIN GMA 350C (Standard) w/ install kit P/N 11-13824 $2,335.00
GARMIN GMA 350C (Remote) w/ install kit P/N 11-13825 $2,074.00
GARMIN GMA 350HC (Helicopter) w/ install kit P/N 11-13826 $2,770.00

The Garmin GMA 350 can only be sold over the counter to experimental aircraft (must verify) with harness. For certified aircraft, it must be installed by a Garmin Dealer. Please call 1-800-626-3160 for partner shop location for certified installs. (price of installation not included)

GARMIN GMA 35 REMOTE AUDIO PANEL

**Note: Per Garmin, Aircraft Spruce can only offer this product to experimental aircraft with harness**

Features: • Remote mounted for use with the GTN 750 series • 6 or 7 position intercom: pilot, copilot, 2 passengers • 3 stereo music inputs • 2 stereo music source inputs • Up to 8 selectable intercom operational modes with synoptic intercom routing • Individual pilot, copilot and passenger intercom volume controls • Individual VOX processing for each MIC input • Automatic selection of radio audio source when corresponding MIC is selected • Automatic volume adjustments based on ambient sound levels • Flexible split COMM transceiver function. Copilot may transmit and receive on one COMM while pilot transmits and receives on another. • Marker beacon receiver • Touch & Go

PARIS Touch & Go

With its revolutionary touchscreen interface, GTN 635 puts primary functions just a few taps away. Pan across the map screen by swipe to fly a yaw across the 4.3 high-resolution TFT display. Input waypoint data with the onscreen alphanumeric entry. Raised grips in the bezel and a shelf across the lower edge of the display serve as gripping points in both smooth and turbulent flight conditions. Traditional concentric knobs are also available for data input. If you have a GNS 430W/530W, active flight plans automatically crossfill from the GTN to the GNS, or just manually crossfill user waypoints between devices.

Unit with 4ft Wire Pigtail Americas P/N 11-17832 $11,544.00
Unit with 4ft Wire Pigtail International P/N 11-17833 $11,544.00

Unit with Custom Wire Pigtail Select at Purchase P/N 11-12956 $9,671.00
The GMA 245 is a panel-mount audio panel with a rich set of convenient settings, 3D Audio processing, wireless integration with the VIRB® XE Touch™ flight display. These Bluetooth-enabled audio panels boast advanced features and capabilities, such as GPS steering, WAAS LPV vertical approach guidance, HSI map navigation, coupled VNAV and more for access via your mobile device.

**GARMIN GNS 430W/530W Wiring Harness**

- **P/N 11-06749**
- **$328.00**

**Flight Plan Data Card**

- **P/N 11-07593**
- **$367.00**

**Power Simulator Card**

- **P/N 11-04870**
- **$99.95**

The Garmin GNS 530W can only be sold over the counter to experimental aircraft (must verify) with harness. For certified aircraft, it must be installed by a Garmin Dealer. Please call 1-800-826-3160 for partner shop location for certified installations. (price of installation not included)

**GARMIN GMA™ 245/245R AUDIO PANELS**

GMA 245 and GMA 245R, all-digital, Bluetooth audio panels designed for experimental aircraft. The GMA 245R is designed specifically to interface with the latest G3X Touch flight displays — putting a world of work-saving, communication-enhancing digital features at your fingertips.

- **GMA 245 Panel Mount**
  - **P/N 11-14308**
  - **$1,625.00**

- **GMA 245R Remote Mount**
  - **P/N 11-14309**
  - **$1,495.00**

**GARMIN GMA 245R AUDIO PANEL REMOTE MOUNT 6 PLACE STEREO**

Combines Bluetooth® Wireless Music, Phone, 3D Audio and More. A remote-mount version of the Garmin GMA 245 audio panel for experimental aircraft. The GMA 245R is designed specifically to interface with the latest G3X Touch flight displays — putting a world of work-saving, communication-enhancing digital features at your fingertips.

- **P/N 11-14309**
  - **$1,495.00**

**GARMIN GAD™ 29B DATA BUS CONVERTER**

PMA for Certified Aircraft

GAD 29 is an affordable ARINC 429 avionics data bus module that can be used to interface up to 2 IFR-capable GPS navigators with the G3X, G3X Touch and G5 series electronic flight displays. It can also be used to adapt the GTX 800 series active traffic system for use with G3X and G3X Touch displays.

This compact GPS/navigation data adapter, when installed with the GTN 750 or GTN 650 series or legacy GNS 530 or GNS 430 navigators, can enable such advanced features as GPS steering, WAAS LPV vertical approach guidance, HSI map navigation, coupled VNAV and more for access via your compatible flight display system.

- **P/N 11-15450**
  - **$718.00**

**GARMIN GAD 29 ARINC 429 INTERFACE**

The GAD 29 is an affordable ARINC 429 avionics data bus module that can be used to interface up to 2 IFR-capable GPS navigators with the G3X, G3X Touch and G5 series electronic flight displays. It can also be used to adapt the GTX 800 series active traffic system for use with G3X and G3X Touch displays. This compact GPS/navigation data adapter, when installed with the GTN 750 or GTN 650 series or legacy GNS 530 or GNS 430 navigators, can enable such advanced features as GPS steering, WAAS LPV vertical approach guidance, HSI map navigation, coupled VNAV and more for access via your compatible flight display system.

- **P/N 11-11454**
  - **$521.00**

**GARMIN BASE MOUNT FOR GDL® 51 / 52 MOUNTING BRACKET**

Stability and mobility all in one! Our base mount will keep your capable aviation system secure and in reach for navigating on the fly. 

- **P/N 11-15524**
  - **$31.50**

**GARMIN GDL 82 BUILT-INS GPS ADS-B KIT**

The GDL 82 Automatic Dependent Surveillance-Broadcast (ADS-B) datalink, is the latest addition to the comprehensive lineup of certified ADS-B solutions available from Garmin. GDL 82 is a small, lightweight Universal Access Transceiver (UAT) datalink with a built-in GPS receiver. For aircraft owners looking for an economical and turnkey solution to satisfy the requirements of ADS-B "Out", GDL 82 is a straightforward path to meet regulatory requirements.

- **GDL 82 with GPS Kit**
  - **P/N 11-15319**
  - **$1,995.00**

- **GDL 82 with GPS Kit & 10 ft Harness**
  - **P/N 11-15986**
  - **$2,071.00**

- **GDL 82 with GPS + Custom Harness**
  - **P/N 11-16951**
  - **$2,136.00**

**GARMIN GDL® 51 SIRIUSXM / GPS RECEIVER**

Providing an easy-to-use and completely portable satellite aviation navigation device, the compact GDL 51 SiriusXM receiver lets you access continuous, detailed weather information — plus more than 150 channels of digital-quality music, news, sports and other entertainment — for less than earlier GNS series navigators.

- **GDL 51 Portable**
  - **P/N 11-15317**
  - **$749.00**

- **GA 24 Antenna for GDL® 51 / 52**
  - **P/N 11-17587**
  - **$89.75**

**GARMIN GDL® 52 ADS-B / SIRIUSXM / GPS RECEIVER**

- **GDL 52R Remote Standard**
  - **P/N 11-15316**
  - **$2,249.00**

- **GDL 52R Remote Certified**
  - **P/N 11-18235**
  - **$2,289.00**

**GARMIN GLO™ 2 AVIATION PORTABLE GPS / GLONASS RECEIVER**

Navigate with Garmin calibrated GPS data on the mobile device of your choice. The GLO 2 receiver brings you the best of both worlds by combining GPS and GLONASS receivers with Bluetooth® wireless technology so you can enjoy precise position information on your iPad®, iPhone® or Android™ device. The GLO 2 can receive position information from both the GPS and GLONASS satellite constellations, allowing it to connect to up to 24 more satellites than devices that rely on GPS alone. This allows GLO 2 to lock on to satellites approximately 20% faster and remain connected even at high speeds. GLO 2 updates its position information at 10 times per second; that’s up to 10 times more often than the GPS receivers in many mobile devices.

- **Glo Device Only**
  - **P/N 11-16755**
  - **$118.85**

- **Garmin Glo Replacement Battery**
  - **P/N 11-12857**
  - **$99.95**

**GARMIN GDL 82 WITH GPS KIT & 10 FT HARNES**

- **P/N 11-15986**
  - **$2,071.00**

**GARMIN GDL 82 WITH GPS + CUSTOM HARNES**

- **P/N 11-16951**
  - **$2,136.00**

**GARMIN GDL® 51 SIRIUSXM / GPS RECEIVER**

- **Portable**
  - **P/N 11-15317**
  - **$749.00**

- **GA 24 Antenna**
  - **P/N 11-17587**
  - **$89.75**

**GARMIN GDL® 52 ADS-B / SIRIUSXM / GPS RECEIVER**

- **Remote Standard**
  - **P/N 11-15316**
  - **$2,249.00**

- **Remote Certified**
  - **P/N 11-18235**
  - **$2,289.00**

**GARMIN GLO™ 2 AVIATION PORTABLE GPS / GLONASS RECEIVER**

- **Device Only**
  - **P/N 11-16755**
  - **$118.85**

- **Garmin Glo Replacement Battery**
  - **P/N 11-12857**
  - **$99.95**

**GARMIN GDL 82 WITH GPS KIT & 10 FT HARNES**

- **P/N 11-15986**
  - **$2,071.00**

**GARMIN GDL 82 WITH GPS + CUSTOM HARNES**

- **P/N 11-16951**
  - **$2,136.00**

**GARMIN GLO™ 2 AVIATION PORTABLE GPS / GLONASS RECEIVER**

- **Device Only**
  - **P/N 11-16755**
  - **$118.85**

- **Garmin Glo Replacement Battery**
  - **P/N 11-12857**
  - **$99.95**
GARMIN AERA 760 7 INCH TOUCHSCREEN PORTABLE GPS NAVIGATOR

The aera® 760 is a premium all-in-one aviation portable complete with a built-in GPS/GLONASS receiver that is purpose-built for the pilot and cockpit. The aera 760 boasts a 7-inch bright, sunlight readable touchscreen display that can run on battery power for up to four hours on a single charge. Along the bezel, an industry-standard USB-C connection is used to charge and power the aera 760, while a microSD card slot allows pilots to load topographic and street maps or use it to easily transfer user waypoints. The aera 760 features an intuitive user-interface resembling that of many other popular Garmin products such as the GTN™ Xi series, G3X™ Touch and Garmin Pilot™ allowing pilots to easily transition between multiple Garmin products in the cockpit. Capable of operating in harsh conditions, the aera 760 has also been tested and hardened to meet stringent temperature and vibration standards. Flight Plan Features New to the aera 760, pilots can load departures, arrivals and instrument approach procedures (IAPs) within a flight plan, which can be wirelessly transferred to a navigator in the cockpit. Once a procedure is loaded within the aera 760, pilots have the option to view the chart or they can overlay it on the moving map. IFR route charts, VFR sectional charts and Garmin FlightCharts® are also geo-referenced, providing optimal situational awareness. Jeppesen electronic charts are compatible with the aera 760 and give customers worldwide access to instrument approach chart information. In addition to procedures, vector airways, user-defined holds and holds over an existing navigation fix can be entered into a flight plan. Flight Plan Features New to the aera 760, pilots can load departures, arrivals and instrument approach procedures (IAPs) within a flight plan, which can be wirelessly transferred to a navigator in the cockpit. Once a procedure is loaded within the aera 760, pilots have the option to view the chart or they can overlay it on the moving map. IFR route charts, VFR sectional charts and Garmin FlightCharts® are also geo-referenced, providing optimal situational awareness. Jeppesen electronic charts are compatible with the aera 760 and give customers worldwide access to instrument approach chart information. In addition to procedures, vector airways, user-defined holds and holds over an existing navigation fix can be entered into a flight plan.

Aera 760 Flight Plan Features

- New to the aera 760, pilots can load departures, arrivals and instrument approach procedures (IAPs) within a flight plan, which can be wirelessly transferred to a navigator in the cockpit. Once a procedure is loaded within the aera 760, pilots have the option to view the chart or they can overlay it on the moving map. IFR route charts, VFR sectional charts and Garmin FlightCharts® are also geo-referenced, providing optimal situational awareness. Jeppesen electronic charts are compatible with the aera 760 and give customers worldwide access to instrument approach chart information. In addition to procedures, vector airways, user-defined holds and holds over an existing navigation fix can be entered into a flight plan.

**Note:** Please refer to GARMIN’s STC Installation Manual for additional information.

**ACCESSORIES**

- Aera 760 USB Cable Adapter - For Aera 660 / 760 units. P/N 10-07140 $13.95
- Aera 660 / 760 USB Cable - Type C to Type C P/N 11-18977 $19.95
- Aera 760 USB Cable - Type A to Type C P/N 11-18977 $19.95
- Aera 760 Avionics Mount P/N 11-18978 $102.75
- Bare Wires Cable for Aera 760 P/N 11-18298 $73.75
- Aera 760 Aviation Mount Cable - Cigarette Lighter Adapter P/N 11-19043 $78.95
- Carlisle CAN24TST120 - CAN Bus Cable
  GARMIN recommends the use of P/N CAN24TST120(CIT) cable to interface the CAN Bus on G3X, G5, GMU11, GAD29B, GFC500, GMC507, GSA28, etc. Note: Please refer to GARMIN’s STC Installation Manual for specific details. P/N 11-17264 $8.65

**GARMIN FLIGHT STREAM 510**

Advanced Connectivity and Revolutionary Avionics Integration. Enables Database Concierge wireless avionics database updates. Permits 2-way flight plan transfers between compatible apps and avionics¹. Initiate phone calls and send/receive text messages from contacts on your Apple® device, using the Garmin Pilot™ app through your compatible avionics, optional Connex® datalink and service plan. Streams traffic, weather, GPS information and back-up attitude information from your avionics to select portable and mobile devices. Lets mobile devices wirelessly control SiriusXM™ satellite music from any position in the cabin.

**GARMIN FLIGHTSTREAM 110 / 210**

Part of the Garmin Connex™ family of flight connectivity solutions, the Flight Stream 110/210 is a small wireless gateway that is easily installed in your aircraft, enabling a combination of up to 4 compatible 435 ADS-B transponders or phones to stream information to and from your avionics system via Bluetooth®. The Flight Stream 110 offers GPS, attitude, weather and traffic streaming from the GDL 88 ADS-B datalink and GDL 69 SiriusXM™ datalink, while the Flight Stream 210 adds the capability for flight plan syncing with the GTN 750/850 series and GNS 430W/530W series navigators as well as the ability to display altitude information using on-board AHRS².

**GARMIN GIGAFLIGHT CAN BUS CABLE**

The GF120-24CANB-1 is an Aerospace grade CAN Bus approved by Garmin for use with Garmin’s CAN Bus System architecture. CAN Bus is design T to be a 120 ohm Twine, which means the insulation thickness is increased to achieve 120 ohms between the conductors. The increased thickness creates an issue with contact extraction because the insulation OD is larger than the contact.

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**Garmin Aera 660 Orentiation Yoke Mount** P/N 11-14478 $742.00

**Garmin Aera 660 Home Dock** P/N 11-14477 $45.50

**Garmin Aera 660 Aviation Cradle Bare Wires** Connect the bare wires to a panel Audio Jack. P/N 10-06027 $45.50

**Garmin Aera 660 Aviation Cradle Bare Wires - Connect the bare wires to a panel mount to transfer data.** P/N 10-06026 $47.50

**Garmin Aera 660 Ball and Socket Mount Kit** P/N 11-14476 $47.50

**Garmin Aera 660 Rectangular Base with 1 inch Ball Mount** P/N 11-14474 $22.75

**Garmin Aera 660 Orentiation Yoke Mount** P/N 11-14478 $61.75

**Garmin Aera 660 GPS**

Affordable feature-rich navigation, stunning display and streamlined database updating. This compact 5” capacitive touchscreen boasts a bright, sunlight readable display complete with rich, interactive maps and a built-in GPS/GLONASS receiver that can be viewed in portrait or landscape modes for optimum customization. The aera 660 encompasses many of the features of the renowned aera® and GPSMAP® aviation portable series, adding Connex® wireless capabilities, Garmin WireAware™ wire-strike avoidance technology and more. Cost-effective database options along with built-in Wi-Fi® database updating capabilities allow customers to easily access the most up-to-date data, including daily U.S. fuel prices. Bluetooth® supports the display of ADS-B “In” traffic and weather1 from a variety of sources, including the GDL® 39/59/39 3D, Flight Stream and the GTX 345 ADS-B transponder.

**Note:** Please refer to GARMIN’s STC Installation Manual for additional information.

**Prices Subject to Change Without Notice - Valid as of June 1, 2023.**
You’re a pilot. You need aviation in your GPS smartwatch. You also want to monitor your health plus take calls and send texts from your wrist when connected with a compatible smartphone.

The D2 Air X10 includes preflight, in-flight and postflight features and tools to assist pilots in navigation and enhance situational awareness. Direct-to-navigation lets pilots navigate straight to an airport or waypoint in the preloaded worldwide database directly from the watch, or choose the Nearest function to activate a direct course to a nearby airport. The instrument-like horizontal situation indicator (HSI) course needle makes it easy for pilots to see if the aircraft is left or right of the desired flight path, and the barometric altimeter can alert them when they’ve reached their desired altitude. Aviation alerts like time, distance, altitude and a fuel timer are also available on the D2 Air X10 during flight.

Flight logging is a breeze with the D2 Air X10, which automatically starts tracking flights on takeoff, then automatically transfers the date, duration, total flight time and route to the user’s flyGarmin.com logbook. Pilots can also seamlessly transfer flight plans from the Garmin Pilot app to the D2 Air X10 and view the list of waypoints included in their route when the D2 Air X10 is paired to the app on a compatible smartphone.

**Features:**
- AMOLED touchscreen display keeps you informed at a glance, even under bright sunlight
- Use the worldwide aeronautical database, moving map and HSI to help navigate — plus the emergency mode displays information that helps you land in an emergency
- Access aviation weather, including NEXRAD, METARs, MOS2 and TAFs — plus configure alerts to keep you informed about weather and more
- View airport info, including runway orientation (including wind components1), lengths and airport frequencies • Utilize the Pulse Ox3 sensor to monitor blood oxygen levels and the barometric altimeter for altitude alerts
- **Battery life up to 11 days in smartwatch mode, up to 24 hours in GPS with SpO2 mode; battery saver mode option allows user to adjust settings that have the largest impact on battery life** • Connect with the Garmin Pilot™ app to transfer flight plans to the watch plus log your flights directly on the watch1 • Find new ways to move with more than 30 built-in indoor and GPS sports apps, including HIIT, running, strength training, breathwork, cycling, yoga, Pilates, cardio, indoor climbing and many more • Monitor your health and wellness with the Health Snapshot™ feature, sleep score, respiration tracking, Pulse Ox3, Body Battery™ energy monitoring, hydration tracking, all-day stress tracking and 24/7 heart rate monitoring4 • Download songs and podcasts from your favorite music providers — including Spotify, Amazon Music and Deezer — right to your watch, and connect with your wireless headphones for phone-free listening (storage for up to 650 songs); premium subscription may be required.

**Specifications:**
- **Lens Material:** Sapphire crystal • **Bezel Material:** Titanium • **Case Material:** Sandblasted titanium with titanium rear cover • **Display Type:** AMOLED; optional always-on mode • **Weight:** 70 g (case only: 47 g) • **Battery life:** Smartwatch mode: Up to 11 days (4 hours always-on) • All satellite systems: Up to 75 hours • All satellite systems with music: Up to 42 hours (30 hours always-on) • All satellite systems with multi-band: Up to 70 hours (50 hours always-on) • All satellite systems with SpO2 mode: Up to 32 hours (24 hours always-on) • All satellite systems with multi-band: Up to 20 hours (15 hours always-on) • All satellite systems with music: Up to 10 hours (9 hours always-on) • Max battery GPS: Up to 75 hours • **Display Size:** 1.3" (33.0 mm) diameter • **Display resolution:** 416 x 416 pixels • **Pixel:** 180 • **Battery:** Li-ion polymer • **Battery saver mode option:** Battery saver mode option allows user to adjust settings that have the largest impact on battery life • Connect with the Garmin Pilot™ app to transfer flight plans to the watch plus log your flights directly on the watch1 • Find new ways to move with more than 30 built-in indoor and GPS sports apps, including HIIT, running, strength training, breathwork, cycling, yoga, Pilates, cardio, indoor climbing and many more • Monitor your health and wellness with the Health Snapshot™ feature, sleep score, respiration tracking, Pulse Ox3, Body Battery™ energy monitoring, hydration tracking, all-day stress tracking and 24/7 heart rate monitoring4 • Download songs and podcasts from your favorite music providers — including Spotify, Amazon Music and Deezer — right to your watch, and connect with your wireless headphones for phone-free listening (storage for up to 650 songs); premium subscription may be required.

**Compatibility with Devices:**
- **D2 Air**
- **D2 Charlie**
- **D2 Delta**
- **D2 Delta PX**
- **D2 Delta S**

**GARMIN D2™ AIR X10 AVIATOR SMARTWATCH**

**GARMIN GDL® 50 PORTABLE ADS-B / GPS RECEIVER**

**Features:**
- **AMOLED touchscreen display keeps you informed at a glance, even under bright sunlight** • Use the worldwide aeronautical database, moving map and HSI to help navigate — plus the emergency mode displays information that helps you land in an emergency
- **Access aviation weather, including NEXRAD, METARs, MOS2 and TAFs — plus configure alerts to keep you informed about weather and more** • View airport info, including runway orientation (including wind components1), lengths and airport frequencies • Utilize the Pulse Ox3 sensor to monitor blood oxygen levels and the barometric altimeter for altitude alerts
- **Battery life up to 11 days in smartwatch mode, up to 24 hours in GPS with SpO2 mode; battery saver mode option allows user to adjust settings that have the largest impact on battery life** • Connect with the Garmin Pilot™ app to transfer flight plans to the watch plus log your flights directly on the watch1 • Find new ways to move with more than 30 built-in indoor and GPS sports apps, including HIIT, running, strength training, breathwork, cycling, yoga, Pilates, cardio, indoor climbing and many more • Monitor your health and wellness with the Health Snapshot™ feature, sleep score, respiration tracking, Pulse Ox3, Body Battery™ energy monitoring, hydration tracking, all-day stress tracking and 24/7 heart rate monitoring4 • Download songs and podcasts from your favorite music providers — including Spotify, Amazon Music and Deezer — right to your watch, and connect with your wireless headphones for phone-free listening (storage for up to 650 songs); premium subscription may be required.

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**Compatibility with Devices:**
- **D2 Air**
- **D2 Charlie**
- **D2 Delta**
- **D2 Delta PX**
- **D2 Delta S**
GARMIN PILOT™ AVIATION APP

Garmin is excited to announce Garmin Pilot, a new aviation app for the iPad, iPhone, and Android mobile devices. The app brings Garmin’s industry-leading aviation technology to mobile devices, offering pilots comprehensive trip planning, briefing, filing, weather, navigation and electronic flight bag capabilities. Garmin Pilot is the perfect complement to our extensive line of aviation navigation products and services. Garmin Pilot incorporates the intuitive icon user interface and many of the same great features from our other popular products. Pilots will find it very familiar and easy to use. The Garmin Pilot app will help with every facet of your trip - Planning, Filing, and Flying. **Note: Garmin Pilot app only serves USA for charts and navigation. Expanded coverage expected in future.**

Pro with Safe Taxi and Geo-Ref Charts ......P/N 11-10829 ...........
Garmin Pilot app only serves USA for charts and navigation. Expanded coverage expected in future. This data card programmer enables availability), this data card programmer enables performance and RoHS compliance (allowing global

Garmin USB Aviation Data Card Programmer for GARMIN INREACH® MINI 2

SATELLITE COMMUNICATOR

Built for those who want a quick and easy way to reach loved ones when they’re without cellular coverage, inReach Messenger provides seamless satellite communication either as a standalone device or when paired to the new Garmin Messenger companion app for smartphones. This new app leverages Wi-Fi®, cellular and satellite connectivity for two-way text messaging and group messaging. The Messenger companion app will automatically choose between Wi-Fi®, cellular or satellite connectivity to ensure every message is sent and received. In the event of an emergency, the inReach Messenger and Messenger App2 can send an SOS message to the 24/7 staffed Garmin International Emergency Response Coordination Center (IERCC). When paired with the inReach Messenger, users can sync with their smartphone’s contacts list with the companion app to make staying in touch even easier. For the most efficient messaging, the companion app will instantly reach the closest social network for communication with friends or family. Whether you’re traveling through a cellular or Wi-Fi network when available, then automatically switch to the 100% global Iridium® satellite network when no longer in cellular or Wi-Fi range..........P/N 11-1934011-19341 ..........................$86.75

INREACH ACCESSORIES

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INREACH® MESSENGER SATELLITE COMMUNICATOR

INREACH® MINI 2

Small, rugged, lightweight satellite communicator enables two-way text messaging via 100% global Iridium satellite network (satellite subscription required). Trigger an interactive SOS to the 24/7 search and rescue monitoring center (satellite coverage), access downloadable U.S. NOAA charts, color aerial imagery and more by using the free Garmin Earthmate app and compatible devices. Optional inReach weather forecast service provides detailed updates directly to your inReach Mini 2 or paired device; basic and premium weather packages available. Send and receive inReach messages through compatible Garmin devices, including connected wearables and handhelds. Internal, rechargeable lithium battery provides up to 50 hours of battery life in 10-minute tracking mode.

Flame Red.................................P/N 11-19184 .............$399.99
Black......................................P/N 11-19183 .............$399.99

QREF GUIDES FOR GPS UNITS

Now you’ve got a choice. The quick reference books feature easy-to-use tabbed pages for concise procedures and navigation help in a compact size, prefect for someone who wants complete information or is new to a system. The cards provide all the essential info all-in-one in a 5” x 8” full-color, hard plastic card for those who are already familiar with their system. Either way, Qref keeps you in the know, quickly and easily.

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<td>KLN GX Series</td>
<td>13-06369</td>
<td>$17.25</td>
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<td>Avidyne Entegra version 3-5</td>
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<td>13-06358</td>
<td>$48.95</td>
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<tr>
<td>Avidyne Entegra version 6-7</td>
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<td>---</td>
<td>13-06359</td>
<td>$48.95</td>
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</tbody>
</table>

VISIT OUR WEBSITE FOR A COMPLETE LIST OF QREF GPS GUIDES.

GARMIN AERA 560 MANUAL

Pilot-friendly manuals are available for most receivers. Our task-oriented manuals are simplified directions that lead you step-by-step through all the GPS operations. Includes descriptions of all pages.

P/N 11-10829 ..................................................$34.95

GARMIN GPSMAP 696 / 695 QUICK REFERENCE GUIDE

This reference guide is compatible with the GARMIN GPSMAP 696/695......P/N 11-07351 ...........

GARMIN 2-WAY SPLITTER - 500 OHM - BNC

Garmin 500 OHM 2-Way BNC Splitter. Ideal for use in installations of Garmin devices, the 013-00112-00 is a coaxial power splitter and/or combiner, ideal for usage in VHF and UHF applications, instrumentation, and communication systems...P/N 11-17819 .........$144.00

GARMIN HIGH SPEED MULTI CHARGER

Add 2 high-speed USB ports to your vehicle’s 12 V outlet without losing the ability to power your compatible device. Use each USB port to charge a phone, tablet or any other device that needs power on the go.

P/N 11-12113 .............$42.50

Prices Subject to Change Without Notice - Valid as of June 1, 2023.
**DYNON D3 POCKET PANEL PORTABLE EFIS**

D3 lets pilots supplement their unreliable legacy instrumentation with an affordable, portable electronic attitude indicator that works. The D3 features the same reliable, proven AHRS engine from Dynon’s best-selling panel-mounted products for experimental, light sport, and type certificated aircraft. The D3 comes with a complete set of accessories, including home and airplane chargers, an optional external GPS antenna, and two unique mounting options. Both the included cockpit cup mount and any other mount included is fail-safed to the pilot headset. The D3 can be easily mounted in an empty existing instrument panel hole without any fasteners. P/N 10-06727 $900.00

**DYNON SKYVIEW SV-GPS-2020 GPS / ADS-B RECEIVER**

The SV-GPS-2020 GPS Receiver/ Antenna from Dynon Avionics allows existing and SkyView and Advanced AP-5000 series customers to add a 2020-compliant GPS position for ADS-B Out. As a drop-in replacement for the existing SVGPS-250 receiver, existing customers do not need to run any additional wires, coax, or install any new boxes in their aircraft. When combined with Dynon’s SV-XPNDR-261 Mode-S transponder, SkyView and Advanced Flight Systems customers meet all the transponder and ADS-B Out requirements. Pilots can also add the SVADS8-470 Traffic and Weather Receiver for the best possible situational awareness in their aircraft. P/N 10-05909 $860.00

**DYNON SKYVIEW VHF COM RADIO SV-COM-X83**

By integrating deeply with your Dynon SkyView system, the SkyView COM Radio tunes frequencies by airport and station type - rather than by spinning in a number - at the touch of a button. You can also send frequencies over from the SkyView map airport info pages. For when you’re feeling nostalgic (or are following ATC instructions), a dual concentric knob lets you spin in frequencies “the old fashioned way.” SkyView will identify the airport and station type as you tune to help ensure you’re talking to the right radio station. The SV-COM-X83 adds 8.33 kHz channel spacing. Experimental Only. Vertical Mount. P/N 10-05771 $2,130.00

**DYNON AVIONICS SKYVIEW ENGINE MONITOR MODULE FOR ROTAX 912IS**

Dynon Avionics announces SkyView support for the Rotax 912iS engine. Engine parameters available from the 912iS engine computer include RPM, manifold pressure, oil pressure, oil temperature, coolant temperature, EGT for all four cylinders, EICAS voltage, and engine hours. All the other normal SkyView SV-engine functions are still available using the SV-EMS-221, such as fuel level, trim position, battery voltage, and contacts. A 912iS-specific engine sensor kit that includes the engine harness, a K-Number pressure sensor, and an amps shunt are also available. P/N 10-04941 $760.00

**DYNON FASTTRACK ESSENTIALS FOR SKYVIEW HDX**

FastTrack Essentials provides you with the essential modules every system requires, together with SkyView network cables and a SkyView Network Hub. FastTrack Essentials makes your SkyView system installation easier and faster than ever before. Compatible with SkyView Classic, Touch, or SE. Before you install a new SkyView system or a retrofit, FastTrack Essentials can guide you through the essential modules your system needs. P/N 10-04942 $320.00

**DYNON SV-COM-X83 TRANSCEIVER**

By integrating deeply with your Dynon SkyView system, the SkyView COM Radio tunes frequencies by airport and station type - rather than by spinning in a number - at the touch of a button. You can also send frequencies over from the SkyView map airport info pages. For when you’re feeling nostalgic (or are following ATC instructions), a dual concentric knob lets you spin in frequencies “the old fashioned way.” SkyView will identify the airport and station type as you tune to help ensure you’re talking to the right radio station. The SV-COM-X83 adds 8.33 kHz channel spacing. P/N 10-07446 $1,905.00

**DYNON SV INTERCOMS**

For ALL experimental and light sport aircraft. Ampile inputs for EFIS systems, stereo music, and all the other technology in your panel. High-Fidelity Audio Circuitry, Dual Radio Support, Fail-safe between the pilot headset, horizontal and vertical faceplates are both included; headset jack kits also included. Selectable Auto Mute, and Independent intercom Voice Activation. P/N 10-05254 $285.00

**DYNON EMS TO ADAHRS/ARINC MODULE STACKING KIT**

The EMS to ADAHRS/ARINC Module Stacking Kit can be used to attach the SV-ADAHRS-200 or the SV-ARINC-429 module directly to the SV-EMS-220 module, simplifying the installers challenge of finding room for, as well as designing and fabricating mounting brackets for the SkyView electronic modules. By fastening the Module Stacking Plate to the top surface of the SV-EMS-220 module, the ARINC or ADAHRS module may then be attached, stacking the two modules together. This kit provides the Module Stacking Plate, and all of the hardware needed to stack and install the modules. P/N 10-07385 $40.00

**DYNON COM/XPNDR MODULE MOUNTING KIT**

The COM and Transponder Module Mounting Tray Kit simplifies the retrofit of the Dynon remote mounted COM and Transponder transceivers by mounting these modules in the radio rack where previous rack mounted COM and Transponder transceivers were located. This allows the installer to use existing wiring and antenna cabling. While intended to fasten to an existing radio rack, the Module Mounting Tray can also be adapted to mount these modules anywhere in your airplane. P/N 10-07390 $100.00

**DYNON AVIONICS SKYVIEW ENGINE MONITOR MODULE FOR ROTAX 912IS**

Dynon Avionics announces SkyView support for the Rotax 912iS engine. Engine parameters available from the 912iS engine computer include RPM, manifold pressure, oil pressure, oil temperature, coolant temperature, EGT for all four cylinders, EICAS voltage, and engine hours. All the other normal SkyView SV-engine functions are still available using the SV-EMS-221, such as fuel level, trim position, battery voltage, and contacts. A 912iS-specific engine sensor kit that includes the engine harness, a K-Number pressure sensor, and an amps shunt are also available. P/N 10-04941 $760.00

**DYNON ENGINE MONITOR MODULE**

P/N 10-04942 $320.00

**POWER USAGE: 0.1A at 14V Vertical Mount.**

4.18” (106.17mm) • Weight: 7.2 oz (204g) • Input Voltage: 10-30V DC • Dimensions: 3.5” (89.71mm) x 1.80” (45.72mm) x 0.70” (17.78mm) • Stereo/mono selectable auto mute, and independent intercom voice activation. Both the included cockpit cup mount and any other mount included is fail-safed to the pilot headset. The D3 can be easily mounted in an empty existing instrument panel hole without any fasteners. P/N 10-06727 $900.00

**SPECIFICATIONS**

- Muting Inputs: 1x stereo, differential, noise-rejecting EFIS input, with panel-mounted music jack override. 1x mono input for additional muting source
- Non-muting Inputs: 1x stereo, differential, noise-rejecting music input, with panel-mounted music jack override

**ADVANCED FLIGHT SYSTEMS**

For ALL experimental and light sport aircraft. Ampile inputs for EFIS systems, stereo music, and all the other technology in your panel. High-Fidelity Audio Circuitry, Dual Radio Support, Fail-safe between the pilot headset, horizontal and vertical faceplates are both included; headset jack kits also included. Selectable Auto Mute, and Independent intercom Voice Activation.

**SPECIAL FEATURES**

- Muting Inputs: 1x stereo, differential, noise-rejecting EFIS input, with panel-mounted music jack override. 1x mono input for additional muting source
- Non-muting Inputs: 1x stereo, differential, noise-rejecting music input, with panel-mounted music jack override

**DIMENSIONS**

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- Weight: 7.2 oz (204g)
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- Stereo/mono selectable auto mute, and independent intercom voice activation.

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- Weight: 7.2 oz (204g)
- Input Voltage: 10-30V DC
- Stereo/mono selectable auto mute, and independent intercom voice activation.
SkyView is the latest glass-panel solution from Dynon Avionics, featuring a full PFD with synthetic vision, moving map with terrain and obstacles, engine monitor, and autopilot. Very bright, high-resolution screens with full dimming control provide excellent visibility in all conditions, while two multi-position control knobs allow easy user input. The full-color PFD features a full set of flight instruments over a highly-detailed 3D synthetic vision display, while your aircraft’s position is shown on a moving map with terrain, obstacles, and airport/airspace information. In addition, the SkyView will accommodate full engine monitor display and a dual-axis autopilot through the addition of optional Dynon hardware. SkyView systems come standard with Dynon’s three-year factory limited warranty.

**Dimensions:** 10" display: 10.32" W x 7.06" H x 2.14" D; 7" display: 7.64" W x 5.51" H x 2.14" D
DYNON SKYVIEW ADS-B

Dynon’s dual band ADS-B receiver receives weather & traffic on both 978 MHz and 1090 MHz frequencies. The dual band SV-ADS-B-472 receives ADS-B 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-B ground stations. Unlike portable ADS-B receivers, you get FULL ADS-B and radar traffic when you pair this with our Mode-S transponder. The remote mounted receiver utilizes an externally mounted antenna for superior ADS-B reception.................................................. P/N 10-06419 ..................................... $820.00

DYNON SKYVIEW DISPLAY / ENGINE PACKAGES

We have put together these avionics packages using only the latest in Dynon technology. All Dynon bundles are for experimental application. These bundles do include some cost savings versus buying each item individually so take advantage and get your panel set up in one quick order.

Easy Ordering:
Step 1: Select your preferred Dynon display package based on number and size of screens you need.
Step 2: Select your engine probe package based on your engine application.
Step 3: Select optional Unlock Code (Sold separately)

Note: We can create a custom package with any combination of avionics units we carry so please contact our sales department if one of the combinations above is not exactly what you need.

<table>
<thead>
<tr>
<th>Package</th>
<th>Contents</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skyview Lycoming / Continental 4 Cyl Carbureted Engine Pack</td>
<td>Engine Monitor Module Without Probes Kavlico Probe Package - 4 Cyl Lycoming / Continental Carbureted</td>
<td>10-0532</td>
<td>$1,794.00</td>
</tr>
<tr>
<td>Skyview Lycoming / Continental 4 Cyl Fuel Injected Engine Pack</td>
<td>Engine Monitor Module Without Probes Kavlico Probe Package - 4 Cyl Lycoming / Continental Fuel Injected</td>
<td>10-0533</td>
<td>$1,727.00</td>
</tr>
<tr>
<td>Skyview Lycoming / Continental 6 Cyl Carbureted Engine Pack</td>
<td>Engine Monitor Module Without Probes Kavlico Probe Package - 6 Cyl Lycoming / Continental Carbureted</td>
<td>10-0534</td>
<td>$1,946.00</td>
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<tr>
<td>Skyview Lycoming / Continental 6 Cyl Fuel Injected Engine Pack</td>
<td>Engine Monitor Module Without Probes Kavlico Probe Package - 6 Cyl Lycoming / Continental Fuel Injected</td>
<td>10-0535</td>
<td>$1,902.00</td>
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<tr>
<td>Skyview Rotax 912 Engine Pack</td>
<td>Engine Monitor Module Without Probes Kavlico Probe Package - Rotax 912</td>
<td>10-0536</td>
<td>$1,238.00</td>
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<tr>
<td>Skyview Jabiru 4 Cyl Engine Pack</td>
<td>Engine Monitor Module Without Probes Kavlico Probe Package - 4 Lycoming Jabiru 2200</td>
<td>10-0537</td>
<td>$1,549.00</td>
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<tr>
<td>Skyview Jabiru 6 Cyl Engine Pack</td>
<td>Engine Monitor Module Without Probes Kavlico Probe Package - 6 Lycoming Jabiru 3300</td>
<td>10-0538</td>
<td>$1,707.00</td>
</tr>
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</table>

DYNON SKYVIEW HDX SYSTEMS

SkyView HDX features improved displays, beautiful design, unrivaled control ergonomics, and an upgraded touch interface. SkyView HDX displays are compatible with all existing SkyView components and feature identical mounting profiles and electrical connections.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>10&quot; SkyView HDX Display only, (no harness) (Includes SV-SYNVIS-280 Synthetic Vision, SV-MAP-270 Navigation Mapping)</td>
<td>10-06236</td>
<td>$4,350.00</td>
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<tr>
<td>7&quot; SkyView HDX Display only, (no harness) (Includes SV-SYNVIS-280 Synthetic Vision, SV-MAP-270 Navigation Mapping)</td>
<td>10-06237</td>
<td>$3,090.00</td>
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</table>

DYNON AUTOPILOT SERVO + MOUNTING KIT PACKAGES

Dynon Avionics servos are dimensionally identical to other leading servos for drop-in upgradability. Behind the scenes, though, the SV line of servos are all-new. A lightweight aluminum case houses a stainless steel gear train to optimize weight while not sacrificing strength. The servo control arm is captured by a castellated nut and secured by a cotter pin, just like other critical interfaces in your aircraft. Each servo is managed by its own microprocessor, making the servo an active, smart extension of the autopilot. This simplifies the control-surface-to-servo calibration, and prevents the servo from driving itself endlessly like other servos can. As an ultimate mechanical failsafe, a simple and effective shear pin is employed to let you break the servo free of the aircraft control surface in an emergency.

<table>
<thead>
<tr>
<th>Description</th>
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<th>Price</th>
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<tbody>
<tr>
<td>RV-6 Roll Servo + Mounting Kit (Includes Servo mounting kit RV-6 roll (fuselage):101020-001, pkg SV32L (long output arm):100854-001)</td>
<td>10-03555</td>
<td>$915.00</td>
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<tr>
<td>RV-7/8/10 Roll Servo + Mounting Kit (Includes Servo Mounting kit RV-7/8/10 roll (R wing):101020-003, pkg SV32 ( std. output arm):100854-000)</td>
<td>10-03556</td>
<td>$915.00</td>
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<tr>
<td>RV-9 Roll Servo + Mounting Kit (Includes Servo Mounting kit RV-9 roll (R Wing):101020-004, pkg SV32 ( std. output arm):100854-000)</td>
<td>10-03557</td>
<td>$915.00</td>
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<tr>
<td>RV-6/7/9 Pitch Servo + Mounting Kit (Includes Servo Mounting Kit- RV-6/7/9 Pitch: 101020-005, pkg SV32 ( std. output arm):100854-000)</td>
<td>10-03559</td>
<td>$915.00</td>
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<tr>
<td>RV-4/8 Pitch Servo + Mounting Kit (Includes Servo Mounting Kit- RV-4/8 Pitch : 101020-002, pkg SV32 ( std. output arm):100854-000)</td>
<td>10-03560</td>
<td>$915.00</td>
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<tr>
<td>RV-10 Pitch Servo + Mounting Kit (Includes Servo Mounting kit RV-10 pitch (fuselage):101020-006, pkg SV42 (std output arm):101058-000)</td>
<td>10-03893</td>
<td>$915.00</td>
</tr>
</tbody>
</table>

DYNON SKYVIEW TRIM MOTOR ADAPTER

For Experimental Aircraft Only
The Trim Motor Adapter, combined with the autopilot control panel, allows applicable electric trim systems to connect to the SkyView system to provide the SkyView Trim Controller and the SkyView Auto-Trim functions.

P/N 10-07396 ............ $390.00

DYNON SV-BUTTON-IDENT TRANSPONDER IDENT BUTTON

Dynon SV-Button-Ident Transponder Ident Button ...................... P/N 10-07403 ............. $69.00

WWW.AIRCRAFTSPRUCE.COM
Prizes Subject to Change Without Notice - Valid as of June 1, 2023.

702
GARMIN GTX 35R ADS-B KIT
Advanced ADS-B “Out” Solution for Experimental Aircraft. Integrates with G3XTM series flight displays for fingertip control and squawk code entry. Satisfies NextGen requirement for ADS-B “Out” when paired with a GPS position source. Provides 1090 MHz ES (Extended Squitter) output for operations at any altitude, in airspace around the world. Simplifies installation with remote-mount design that saves panel space. Offers low power consumption and enhanced reliability.

Specifications:
- Physical dimensions (unit, rack, connectors): for panel mounts, depth is measured from face of instrument panel: 1.65” x 6.30” x 9.9” (42 x 160 x 224 mm)
- Display type: N/A
- Weight (unit, rack, connectors): 2.5/2.6 lbs (1.13/1.18 kg)
- Voltage range: 14/28 VDC (15/17 W Max)
- Transmit power: 200 W minimum
- Temperature: -45°C to +70°C
- Operating altitude: To 5,000 ft (1,600 m)
- Cooling input: Not required ...

P/N 11-14575 ....... $2,525.00

GARMIN GTX 45R KIT
Complete ADS-B Solution for Experimental Aircraft. Integrates with G3XTM series flight displays for fingertip control and squawk code entry. Satisfies NextGen requirement for ADS-B “Out” when paired with a compatible GPS position source. Provides 1090 MHz ES (Extended Squitter) output for operations at any altitude, in airspace around the world. Supports dual-link ADS-B “In,” which provides the most complete traffic picture, plus subscription-free weather on select avionics, mobile devices and portables. Streams weather, traffic, and radar information to Garmin Pilot™ and ForeFlight Mobile apps as well as aera™ 795/796 and aera 660 portables.

Specifications:
- Physical Dimensions (unit, rack, connectors): 1.65” x 6.30” x 9.9” (42 x 160 x 224 mm)
- Weight (unit, rack, connectors): 2.8/2.9 lbs (1.27/1.32 kg)
- Voltage range: 14/28 VDC (18/20 W Max)
- Transmit power: 200 W minimum
- Temperature: -45°C to +70°C
- Operating altitude: To 5,000 ft (1,600 m)
- Cooling input: Not required ...

P/N 11-14574 ....... $3,849.00

TRIG TN70 ADS-B SYSTEM
If you already own a suitable Trig transponder then your TN70 kit is the easiest way to meet the mandate. The TN70 includes a certified WAAS GPS and companion WAAS GPS antenna, designed to enhance your aircraft via a simple install that will deliver excellent ADS-B Out performance. If you need a Trig transponder to complete your TN70 ADS-B solution, then simply add one of our class leading products certified to FAA TSO C166b, the latest ADS-B standard. A Trig transponder is the hub of an ADS-B Out system, using ‘extended squitter’ to communicate with ground stations and suitably equipped aircraft. It’s worth remembering; if you intend to use ADS-B In to access ADS-B ground services (TIS-B and FIS-B) then a compliant ADS-B Out must be installed. A Trig transponder is an ideal way to ensure your ADS-B Out is compliant.

P/N 11-13051 ....... $2,490.00

TRIG 2020 ADS-B BUNDLE
Many pilots are equipping with ADS-B and Trig provides solutions for both certified and uncertified aircraft owners. Trig’s 2020 ADS-B Bundle, for light-sport, experimental and home builders. Trig’s ADS-B kit includes all the certified components needed to allow flight in 2020 with a 1090 MHz ES (Extended Squitter) output. The Trig ADS-B Bundle features: Trig’s highly popular TT22 compact transponder, the latest TN72 X GPS Position Source (certified to TSO-C199) and the matching T70A GPS antenna. This provides a fully compatible ADS-B Out solution that meets the requirements of FAR 91.227 for light-sport and experimental aircraft. Customers will save by purchasing the bundle over the regular price.

P/N 11-16299 ....... $3,485.00

KING KGX 150R ADS-B UAT RECEIVER
ADS-B Receiver with optional WiFi, best optimized for those who fly above and below 18,000 feet or want to replace their existing transponder with the KT 74 1090 extended squitter transponder. Also includes an integrated ADS-B OUT Compliant WAAS GPS. The KGX 15OR provides the ADS-B traffic and weather services to non-certified wireless tablet or certified compatible panel display. No external controller is needed.

Specifications:
- Size 5”W x 5.75”D x 1.7”H
- Less than 1 pound
- Mode A/C and Mode S transponder interface
- 2 ARINC 429: 1 RS 485 and 4 discrete inputs
- 1 Arinc 429; 4 RS 232/422 and 2 discrete outputs
- 10-40 VDC input voltage
- 0/2 A @ 12 VDC Input Current
- 6.5 VDC Output Voltage

P/N 11-15381 ....... $3,121.00
P/N 11-15380 ....... $8,926.00

ACR BIVY STICK TWO WAY SATELLITE COMMUNICATOR
Use the Bivy Stick to turn your cell phone into a satellite communication device. With global satellite coverage via the Iridium satellite network, anywhere you have a view of the sky, you can communicate through the Bivy Stick. While conveniently compact, the Bivy Stick still offers a comprehensive feature set including two-way text messaging, SOS, location sharing, one-touch Check-in, and detailed weather reports sent straight to your cell phone via satellite. Additionally, offering a feature not provided with many other satellite communicators, the Bivy Stick provides users with a dedicated phone number and email. This important feature allows unsolicited incoming messages, meaning that those that are most important to you can reach you at any time, without the need for you to initiate contact.

P/N 11-18802 ....... $299.95

ZOLEO 2-WAY SATELLITE G PS MESSENGER WITH BLUETOOTH
Meet ZOLEO, the affordable accessory that extends your smartphone messaging coverage to everywhere on Earth and provides a safety system you can count on. When you’re beyond cell coverage your ZOLEO device connects with our free app on your smartphone so you can send/receive messages anywhere on the planet via the Iridium satellite network. When you’re within cell coverage, the ZOLEO app seamlessly delivers messages over cellular and Wi-Fi. You’ll always get the message, even if your ZOLEO satellite communicator device is turned off!

Ruggedly designed, location-aware and Iridium-based, the ZOLEO satellite communicator device is turned off!

P/N 11-18871 ....... $213.95

AITHRE METIS IN-FLIGHT WEATHER BEACON
Metis extends Aithre’s oxygen monitoring technology to in-flight atmospheric conditions. Using a single under the wing elegant probe, the Metis provides real-time temperature, humidity, and dewpoint readings, enabling you to monitor for icing and cloud levels relative to your aircraft.

Analog outputs are provided for temperature, dewpoint, and humidity, allowing universal input to your EFIS, such as Dynon and the G3x, or any other engine monitoring type avionics system. Moreover, the Metis is enabled for wireless communication to the Aithre Connect iOS app to put the same data on your Apple device. When using the Aithre Connect app, the Metis provides real-time estimations of relative cloud bases and freezing levels based on standard lapse rates relative to the airplane.

P/N 11-19047 ....... $354.00

Prices Subject to Change Without Notice - Valid as of June 1, 2023.

WWW.AIRCRAFTSPRUCE.COM

703
UAVIONIX SKYBEACON NAV STROBE LIGHT / ADS-B OUT - TSO

skyBeacon is a 2020 compliant, near zero-install, Class B1S ADS-B UAT transmitter and WAAS GPS integrated into a wing tip position light. The power transcoder decodes replies from legacy Mode C and Mode S transponders. Available for Certified and Experimental aircraft.

Specifications:
- Input Voltage: 11-31V DC
- Operating Power: 3 Watts
- 92x43x73mm
- 70 grams
- SDA/SIL - 2/3
- -45 to 80°C
- P/N 11-17424

$2,099.00

UAVIONIX TAILBEACONX MODE S ADS-B TRANSPONDER

The next era of global ADS-B. Compatible with space and ground-based ADS-B surveillance systems, tailBeaconX is a Mode S Extended Squitter ADS-B transponder and WAAS GPS integrated into an LED rear position light. With global compliance, tailBeaconX is the key to limitless destinations.

Specifications:
- Physical Specifications:
  - Width: 42.53mm
  - Height: 110.38mm
  - Depth: 112.75mm
  - Weight: 3.5 oz (100 grams)
  - Operating Temperature Range: -45°C to +70°C
  - Maximum Pressure Altitude: 60,000ft
  - Input Voltage Range: 9 to 33 VDC
  - 14V Current: 0.5A Max
  - 28V Current: 0.25A Max
  - Mode S Transponder Specifications:
    - Transmit Frequency: 1090 MHz
    - Transmit Power: 54dBm (250W)
    - Receive Frequency: 1030 MHz
    - ATCRBS Sensitivity: -74 dBm
    - Mode S Sensitivity: -74 dBm
  - Position Light Specifications:
    - Color: Aviation White
    - Intensity: 20 candelas

Unit Only ...................................................... P/N 11-17911 $2,499.00
Unit with AV-20 Control Head ......................... P/N 11-17912 $3,294.00
Unit with AV-30 EFIS .................................... P/N 11-17913 $4,193.00

CERTIFIED
Unit Only ...................................................... P/N 11-18363 $2,499.00
Unit with AV-30-C EFIS ................................ P/N 11-18367 $4,588.00

APPAREO STRATUS EXTERNAL ADS-B ANTENNA

Stratus External ADS-B Antenna Kit - 5’ Includes Stratus 978MHz/1090MHz External Antenna, 5’ cable and suction cups for mounting the antenna on your aircraft’s windows. Works with all Stratus portables.

P/N 11-14672 $600.00

VISIT OUR WEBSITE FOR AIRCRAFT AVAILABILITY.
UAVIONIX AV-30 PRIMARY FLIGHT DISPLAY

“Retro-Fit” Your Cockpit with a Digital Upgrade
Upgrade your legacy vacuum-driven instrument to digital precision attitude and directional gyro customizable display. uAvionix offers a downloadable simulator that allows you to directly explore the AV-30 functionality. Windows only.

Features: • 12-in-1 Functionality: • Primary Attitude • Primary Slip • Primary Direction Indication • Probeless Angle of Attack (AOA) • Indicated Airspeed (KTS / M) • Altitude / Vertical Trend • Alarm Alert & Peaks) • Attitude (Roll / Pitch) • Slip / Skid Indication (NEW!) • Temperature • Airtime • Density Altitude • Bus Voltage • MEMS Baro Altimeter • +8 / -8 G-Meter • OAT / TAS / Density Altitude • Bus Voltage • 12-In-1 Functionality: • 12-In-1 Functionality: • Current navigation overlays: • Atomic Clock (GMT / Local) • Outside Air Temperature (C / F) • Bus Voltage

Certified .......................................................P/N 11-17556 ........$2,299.00

UAVIONIX AV-LINK FOR AV-30 EXPERIMENTAL
AV-Link is the Wi-Fi module companion to the AV-30 panel display. AV-30 packs a generous feature-set in a surprisingly small form-factor, but with our background, we never settle for anything less than nearly impossible. AV-Link expands AV-30’s feature-bursting heritage and adds Wi-Fi connectivity to support live traffic from a supported ADS-B receiver, wireless firmware updates, and more with future features already in development. P/N 11-18793 ........$299.00

UAVIONIX AV-MAG STC EXTERNAL MAGNETOMETER FOR AV-30
AV-Mag external magnetometer is a 3-axis electronic compass. AV-Mag precisely measures the earth’s magnetic field and aids the AV-30 directional heading measurement, improving long-term accuracy and consistency. One AV-Mag can support multiple AV-30 displays. Certified P/N 11-19517 ................$299.00
Experimental P/N 11-19214 ................$249.00

UAVIONIX AV-20S MULTI-FUNCTION DISPLAY - CERTIFIED
Complement Your Panel with a Certified (NORSEE) 12-In-1 Display that adds a suite of in-flight information to nearly any panel. Designed to seamlessly fit in a standard 2 1/4 inch round instrument opening, the AV-20S offers a stand-by altitude indicator, angle of attack, bus voltage, slip/skid indication, outside air temperature, density altitude, G meter, and more—all protected with a 30-minute internal battery backup for uninterrupted function in the event of power loss. Now also approved by the FAA as an advanced time-keeping device equivalent and hence approved for installation in Class I and II IFR aircraft per advisory circular AC 20-94A. AV-20S is FAA Approved.

Features: • Display (Voice Alerting & Peaks) • G-Meter Display (Voice Alerting & Peaks) • Attitude (Roll / Pitch) • Slip / Skid Indication (NEW!) • Clock (GMT / Local) • Outside Air Temperature (C / F) • Bus Voltage • Dual User Timers (Count Up / Down) • Engine Run Timer • Flight Timer • Density Altitude Display • True Airspeed Display (Kts / Mph) • Audio Alerts (AoA, G, Roll Limits) ...

UAVIONIX PINGSTATION 3 WEATHERPROOF 978/1090 NETWORKABLE ADS-B RECEIVER
A dual-band receiver powered by the groundbreaking uAvionix ping™ firmware defined radio. pingStation receives ADS-B equipped aircraft over 200 miles away on both 978MHz (UAT) and 1090ES. As an added benefit the dedicated ping™ ADS-B radio features extremely low power consumption, more dynamic range and much less heat generation when compared with SDR solutions...

P/N 11-19343 ................$2,250.00

UAVIONIX ECHOUAT ADS-B OUT TRANSCIEVER
Traffic | Weather | 2020 Compliant ADS-B Out. ecoUAT is a remotely mounted ADS-B transceiver that provides 2020 compliance, traffic and weather to your EFIS and iPad for the same cost as ADS-B receive-only solutions. For use in Light Sport and Experimental Aircraft. While other companies are looking to cash in on the ADS-B mandate by selling you a new transponder and WAAS GPS, uAvionix is taking a different approach. ecoUAT works with your existing avionics, allowing you to put your savings in the fuel tank and fly more. Keep your Mode C transponder. (Already have a KT76A, Narco, Garmin Mode C, Apollo, Banner, Funkwerk, Microair or Terra? With the ecoUAT wireless transponder monitor, there is no need to replace your existing transponder.) Use your existing WAAS GPS Traffic and Weather to your existing supported EFIS Support for popular iPad and Android Apps.

P/N 11-15206 ................$687.00

UAVIONIX BUNDLE ECHOUAT WITH SKYFYX-EXT ALL-IN-ONE RECEIVER AND ANTENNA
The ecoUAT is a Class B1S ADS-B UAT transmitter coupled with a dual-link 1090MHZ / UAT receiver. An integrated Wi-Fi system transmits traffic and weather to popular Electronic Flight-Bag (EFB) applications on iOS and Android, including ForeFlight Mobile. Direct interface support for common EFIS systems such as Dynon SkyView, GRT and MGL. A zero-install, internal wireless monitor decodes replies from legacy Mode C transponders for maximum retro-fit capability. Extensive position source compatibility, including the uAvionix SKYFYX GPS. The ecoUAT meets the performance requirements of 14 CFR 91.227. SkyFYX combines a high precision WAAS GNSS sensor with an integrated RAIM processor. Resilient against jamming, spoofing and GPS range errors—SkyFYX provides reliable navigation in challenging environments. SkyFYX is the most affordable ADS-B rule-compliant position source companion for the ecoUAT ADS-B transceiver. All in One P/N 11-15210 ........$1,549.00
Remote Mount P/N 11-15209 ........$1,549.00

UAVIONIX SKYFYX-EXT GPS ALL-IN-ONE RECEIVER AND ANTENNA
SkyFYX combines a high precision WAAS GNSS sensor with an integrated RAIM processor. Resilient against jamming, spoofing and GPS range errors—SkyFYX provides reliable navigation in challenging environments. SkyFYX is the most affordable ADS-B rule-compliant position source companion for the ecoUAT ADS-B transceiver. The SkyFYX meets the performance requirements of 14 CFR 91.227. For use in Experimental and LSA aircraft.

P/N 11-15215 ........$550.00

UAVIONIX SKYFYX GPS SOURCE REMOTE MOUNT RECEIVER
SkyFYX combines a high precision WAAS GNSS sensor with an integrated RAIM processor. Resilient against jamming, spoofing and GPS range errors—SkyFYX provides reliable navigation in challenging environments. SkyFYX is the most affordable ADS-B rule-compliant position source companion for the ecoUAT ADS-B transceiver. SkyFYX meets the performance requirements of 14 CFR 91.227. For use in Experimental and LSA aircraft...

P/N 11-15206 ................$887.00

WWW.AIRCRAFTSPRUCE.COM
705

Prices Subject to Change Without Notice - Valid as of June 1, 2023.
APPAREO – STRATUS

STRATUS 3 PORTABLE ADS-B IN / GPS / AHRS RECEIVER

Stratus 3 is the simple-to-use, portable wireless receiver that provides subscription-free weather, GPS information, backup attitude and ADS-B traffic — integrated with ForeFlight Mobile for your iPad, and now including GDL 90 protocol to work with other flight apps.

Features:
- Free in-flight Weather
- Automatic flight data recorder
- Dual band ADS-B traffic
- WAAS GPS unlocks track up and terrain
- 6-hour battery
- Designed, tested and built in the USA

P/N 11-14468 $749.00

APPAREO STRATUS ESGI TRANSCEIVER AND STRATUS 3I ADS-B RECEIVER - EXPERIMENTAL AIRCRAFT

Stratus ESGi is a kit that contains two products: a certified Stratus ESG transponder, and a non-certified ADS-B receiver.

Features:
- 1090ES (Mode S extended squitter)
- Built-in WAAS GPS
- Meets global mandates for ADS-B Out
- Push-button operation
- Easy-to-use interface
- Pressure altitude monitor

Unit with 4ft Harness: P/N 11-15482 $4,393.00
Unit with Custom Harness: P/N 11-15484 $4,456.00

Note: Unit can only be sold for experimental aircraft.

Stratus ES is a 1090 MHz extended squitter (ES) transponder. Designed with the common 1.65" tall form factor, it’s an easy replacement for your existing transponder. Stratus ES is a solid state transmitter that provides 310 watts nominal power output. Its modern keypad makes entering a squawk code easy. The convenient VFR button minimizes pilot keystrokes. Note: The Stratus A&P bundle includes a wiring harness and can be purchased over the counter for installation by an A&P.

APPAREO STRATUS ESG 1090 ES DIGITAL TRANSPONDER - EXPERIMENTAL AIRCRAFT

Stratus ESG is a 1090 MHz extended squitter (ES) transponder with built-in WAAS GPS. Designed with the common 1.65" tall form factor, it’s an easy replacement for your existing transponder. Stratus ESG provides 310 watts nominal power output. The convenient VFR button minimizes pilot keystrokes.

Features:
- 1090ES (Mode S extended squitter)
- Built-in WAAS GPS
- Meets global mandates for ADS-B Out
- Push-button operation
- Easy-to-use interface
- Pressure altitude monitor

APPAREO A&P BUNDLE - WITH STRATUS ESG

The Stratus ESG was designed as a simplified “all-in-one box” solution for 2020 compliance, with non-glass panel aircraft in mind. ADS-B Out Transponder • Built-in WAAS GPS • GPS antenna included

Stratus ESG is a 1090 MHz extended squitter (ES) transponder with built-in WAAS GPS. Designed with the common 1.65" tall form factor, it’s an easy replacement for your existing transponder. Stratus ESG is a solid state transmitter that provides 310 watts nominal power output. Its modern keypad makes entering a squawk code easy. The convenient VFR button minimizes pilot keystrokes. Note: The Stratus A&P bundle includes a wiring harness and can be purchased over the counter for installation by an A&P.

APPAREO A&P BUNDLE - WITH STRATUS ES

Stratus ES is a 1090 MHz extended squitter (ES) transponder. Designed with the common 1.65" tall form factor, it’s an easy replacement for your existing transponder. Stratus ES is a solid state transmitter that provides 310 watts nominal power output. Its modern keypad makes entering a squawk code easy. The convenient VFR button minimizes pilot keystrokes.

Website: WWW.AIRCRAFTSPRUCE.COM

Prices Subject to Change Without Notice - Valid as of June 1, 2023.
GPS PROTECTORS

navigation screen protectors

The pre-cut navigation screen protectors provide excellent protection from scratches. The anti-glare layer reduces unwanted reflections, increasing contrast, clarity, and viewing comfort even with the use of polarized lenses. This film is thick enough to protect the screen, yet thin enough to have no effect on touch screen sensitivity. Light tack adhesion provides for residue-free removal. Does not require special cleaners. Available for: ADR, Anywhere Map, Avidyne, Apollo, Chelton, Eclipse Avio, Garmin, King, Vista Nav, and more.

features:
- removable - removes easily with no residue
- easy to clean - fingerprints wipe away easily
- durable - helps protect screen from scratches
- anti-reflective - helps reduce glare

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<thead>
<tr>
<th>description</th>
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<tbody>
<tr>
<td>1 pc AV8OR</td>
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<tr>
<td>Garmin 796/795</td>
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<tr>
<td>AV8OR Ace</td>
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ezcLEAR instrument cleaning kit

This product meets Garmin G1000 Pilot Guide specs for cleaning and is safe to use on glass panels. EzcLEAR Instrument Cleaning provides a safe, effective way to remove fingerprints and dust from glass panels, instruments and more. The kit contains three EzcLEAR Cleaning Packs and one Polishing Cloth; these items have been specifically paired together to ensure safe and effective screen cleaning. Per the instructions, the user wipes the surface with the Cleaning Pack and then dries the area with the Polishing Cloth. The Cleaning Packs are ammonia-free, aviation-grade and will not remove or damage any anti-reflective coating. The Polishing Cloth is washable. This kit will last between 3-4 months depending upon frequency of use. ...

<table>
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<td>Polishing Cloth</td>
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appareo suction cup

mount - stratus 3

This suction cup makes it easy to mount Stratus out of the way on a side window. This location enhances the GPS and ADS-B reception of Stratus, and reduces the chance of overheating. Ideal for jets and other airplanes with heated windshields, or for airplanes that frequently park outside. External power and ADS-B cables can still be used in the mount. Suction cup attaches to Stratus cradle with included screws (replacement cradle sold separately).

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<tr>
<td>Cigarette Adapter</td>
<td>11-02696</td>
<td>$24.95</td>
</tr>
<tr>
<td>Carrying Case</td>
<td>11-07939</td>
<td>$50.99</td>
</tr>
</tbody>
</table>

avionics wire harness shop

We have added an in-house harness assembly shop providing avionics wire harnesses for the experimental market ranging from single avionics units to custom coax cable assemblies to complete panel wiring systems. Our harnesses are all professionally assembled and neatly labeled allowing for easy installation by the customer. Although many of the harnesses are standard and stocked on the shelves for same day shipping, we also offer our customers custom-made harnesses to specific lengths for each wire you will need during installation. When you start working on your avionics panel, rely on our shop's expertise and support for all your harness needs. Contact our Avionics department at 800-826-3160 or visit our website for any questions or requests for quote on our growing list of avionics units we can provide the harness solutions for.

garmin mini suction cup mount

Access your compatible device while navigating in your vehicle with this portable mini suction cup mount. Simply suction the mount to the windshield for easy viewing.

gpsmap 696 & 695 accessories

carrying case

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GPSMAP ACCESSORIES
AIRGIZMOS GARMIN 695, 696, 795, 796, AERA XM ANTENNA DOCK
Here is the perfect companion to your new Garmin 695, 696, 795, 796, or aera 560 and the AirGizmos Panel Dock. Designed to mobilize your costly XM antenna. It helps to maintain the clean look of a permanent installation by organizing the antenna cable. Freely move ONE XM antenna from location to location, avoiding high costs of additional equipment and service subscriptions. Kit includes: 2 cradles, 1 base, 2 cables. P/N 11-09118 $74.50

AIRGIZMOS GARMIN 396/496 ANTENNA DOCK PREMIUM SET
Designed to mobilize your costly 396 or 496 XM antenna. It helps to maintain the clean look of a permanent installation by organizing the antenna cable. Freely move ONE XM antenna from location to location, avoiding high costs of additional equipment and service subscriptions. Kit includes: 2 cradles, 1 base, 2 cables. P/N 11-09121 $99.75

AIRGIZMOS GARMIN 396/496 PREMIUM BEAN BAG SET
Designed to mobilize your costly 396 or 496 XM antenna. It helps to maintain the clean look of a permanent installation by organizing the antenna cable. Freely move ONE XM antenna from location to location, avoiding high costs of additional equipment and service subscriptions. Kit includes: 1 cradle, 1 base, 1 bean bag, 2 cables. P/N 11-09122 $129.95

AIRGIZMOS GARMIN 396/496 PREMIUM BEAN BAG SET
Designed to mobilize your costly 396 or 496 XM antenna. It helps to maintain the clean look of a permanent installation by organizing the antenna cable. Freely move ONE XM antenna from location to location, avoiding high costs of additional equipment and service subscriptions. Kit includes: 1 cradle, 1 base, 1 bean bag, 2 cables. P/N 11-09122 $133.80

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Prices Subject to Change Without Notice - Valid as of June 1, 2023.

**AIRGIZMOS PANEL DOCKS**

**AIRGIZMOS AERA 660 PANEL DOCK**
When you snap your aera 660 GPS into the Panel Dock, you will immediately appreciate the glove-like fit. The Panel Dock conforms to every curve of the new aera 660. The Panel Dock also matches the look and feel of the rest of your avionics stack, giving you a pleasant, professional looking panel.

P/N 11-14552 $134.75

**AIRGIZMOS GARMIN AERA 760 PANEL DOCK**
Note: Panel dock only. Garmin GOS connector not included. Install the new AirGizmos aera 760 Panel Dock to integrate the aera 760 GPS into your aircraft panel. The Panel Dock matches the look and feel of the rest of your avionics stack, giving you a professional looking panel. Your one XM antenna stack, so if you already have a Panel Dock, you can attach this adapter without having to configure your Instrument panel. Requires P/N 11-03509.

P/N 11-05029 $24.95

**AIRGIZMOS GARMIN HORIZONTAL PANEL DOCK ANGLE ADAPTER**
The Vertical Tilt Adapter angles the viewing angle of the GPS so it is more readable when the GPS is mounted at the bottom of a full instrument panel. This adapter fits the same opening as the Panel Dock itself, so adding the vertical tilt should be very easy for existing installations. Requires P/N 11-03509.

P/N 11-03509 $24.75

**AIRGIZMOS GARMIN HORIZONTAL TILT ADAPTER FOR GARMIN UNITS**
AirGizmos Horizontal Tilt Bracket angles the GPS at a fixed angle of 15 degrees, providing a much more comfortable viewing angle. This adapter fits the same panel cutout as the Panel Dock, so if you already have a Panel Dock you can attach this adapter without having to modify your panel. Requires P/N 11-03509.

P/N 11-04671 $24.75

**AIRGIZMOS 396 XM ANTENNA DOCK**
Now you can move the XM antenna from plane to plane, or from vehicle to vehicle. It is designed to mobilize your existing XM antenna. A simple twist & lock mechanism (no tools required) will lock your antenna into the preinstalled cradle, and your 396 XM antenna is ready to go!

P/N 11-04694 $74.95

**AIRGIZMOS PREMIUM BEANBAG XM 396 & 496 ANTENNA MOUNT**
Designed to mobilize your existing 396 XM antenna. It helps to maintain the clean look of a permanent installation by using the antenna cable. Package includes: base, cradle, beanbag assembly, and two cables. Requires P/N 11-07007.

P/N 11-07007 $117.50

**AIRGIZMOS 396 & 496 XM CRADLE & CABLE**
This product will allow you to use the AirGizmos XM Antenna Dock in a second vehicle or aircraft. Use of this product requires that you first purchase the AirGizmos XM Antenna Dock.

P/N 11-04781 $38.95

**AIRGIZMOS XM ANTENNA CABLE**
XM Antenna Cable. Straight, 2 meter extension for Garmin XM Weather Antenna. Requires P/N 11-04780.

P/N 11-04780 $13.95

**AIRGIZMOS PANEL DOCK FOR GARMIN 196/296/396/496**
Designed to securely hold your Garmin 196, 296, 396, or 496 portable GPS. Fits nicely in a standard 6.25" avionics stack. Allows you to easily remove your portable GPS from the plane for upgrades, flight planning, or for use in your car or boat. The Panel Dock is shipped with a set of mounting hardware necessary for attaching it to your avionics stack.

P/N 11-03509 $107.95

**AIRGIZMOS IPAD AIR/IPAD PRO 9.7 PANEL DOCK**
The iPad Panel Dock is designed to quickly and securely mount your 9.7” iPad Air or iPad Pro on the surface of your panel, while allowing the iPad to be easily removed when necessary. It requires only four screws and you are all set to go.

P/N 11-16223 $89.95

**AIRGIZMOS IPAD MINI PANEL DOCK**
Mount your iPad mini securely in the instrument panel while still allowing it to be easily removed when not flying. The iPad Mini Panel Dock is designed to work with the existing Angle Adapter. Radio stack compatible at 8.0” x 6.25” x 1.32” D x 4” L x 4”. Fits the iPad Mini 2/3/4.

P/N 11-11460 $124.95

**AIRGIZMOS IFLY 700 / 720 PANEL DOCK**
Mount your iFly 700/720 GPS in your instrument panel. Using our Panel Dock you can enjoy your portable GPS in a more stable and safe installation. We have added a space inside of the Panel Dock to hold the iFly 700 external battery. Designed to make the iFly panel a professional, finished look.

P/N 11-04371 $112.95

**AIRGIZMOS PANEL DOCK FOR AVMAP EKP-IV**
Now you can mount the beautiful, detailed display of the AvMap EKP-IV directly in your instrument panel using the AirGizmos EKP-IV Panel Dock. The AirGizmos EKP-IV Panel Dock is designed to hold the AvMap securely yet it allows you to easily remove your portable from your plane when ever the need arises. The AirGizmos EKP-IV Panel Dock offers easy installation, quick release, hassle-free management of cables, and elegance of design.

P/N 11-04372 $124.95

**AIRGIZMOS PANEL DOCK FOR AIRMAP 1000/2000C**
The cables supplied by Lowrance fit through keyhole slots on the back of the unit. The release latch at the top of the Panel Dock is designed to allow quick removal from the back panel using the AirGizmos EKP-IV Panel Dock. The AvMap EKP-IV Panel Dock is designed to hold the AvMap securely.

P/N 11-10848 $124.95

**AIRGIZMOS PANEL DOCK COVER FOR GARMIN 196/296/396/496**
This panel is for Garmin panel dock for models 196/296/396/496. Protects unit from UV rays and hides unit in the aircraft so that theft is less likely to happen. Can be used even if Garmin unit has not been installed yet.

P/N 11-04775 $13.90

**AIRGIZMOS LOWRANCE 600 PANEL DOCK**
Panel Dock will allow the AirMap 600c to be nicely mounted in your panel while still allowing it to be easily removed and used as a handheld. Made from durable, high quality plastic similar in appearance to the GPS itself. Gives your instrument panel a professional, finished look.

P/N 11-05616 $62.95

**AIRGIZMOS AERO COVER**
Fits all of the major brands of GPS and XM weather antennas. It will protect your antenna from the elements. It is streamlined and attractive. Best of all, it gets your antenna out of your way.

P/N 11-04777 $64.95

**AIRGIZMOS AERO DOCK**
Gives you the option of mounting the antenna on the outside. Designed to mobilize your existing 396 XM antenna. It helps to maintain the clean look of a permanent installation by using the antenna cable. Freely move ONE XM antenna from location to location, avoiding high costs of additional equipment and service subscription. Kit includes: 1 cradle, 1 base, 1 cable, mounting hardware.

P/N 11-04778 $74.75
DUALAV XHUD1000 HEAD UP DISPLAY
The XHUD1000 Heads Up display enhances situational awareness for General Aviation.

3 Selectable Modes:
- AHRS: Displays altitude, airspeed, attitude, bank angle, and compass heading on a classic HUD graphic for monitoring flights.
- Traffic: Displays ADS-B traffic on a radar style graphic with selectable range, using TCAS symbology.
- Tablet Graphics: Displays graphics from separate apps running on tablet or smartphone (e.g. AHRS, synthetic vision, maps)

Features:
- Enables pilots to view key flight data with their head up and eyes forward
- /Image Invert feature allows use of HUD in ceiling mount position
- Wireless connectivity with portable receivers, panel avionics, tablets, & smartphones
- Compact & portable with flexible mounting to fit with most planes / Folding screen with adjustable distance & angle
- Compatible with Dual XGPS190 & Stratus 3 for AHRS & Traffic modes, & XGPS170/170D for Traffic mode
- Any brand of portable receiver will support Tablet Graphics mode / Non-slip anti-vibration holder & mounting bracket, for easy installation on most aircraft.

XHUD1000 Unit Only........................................P/N 11-18428 ...........$549.99

SANDIA STX 360 SENTINEL PANEL MOUNT
ADS-B TRANSPONDER
The STX 360 Sentinel is a 978 MHz UAT ADS-B unit with a built-in Mode A/C transponder. The STX 360 can easily be installed in the same space as an existing transponder, simplifying the installation.

The STX 360 has an internal diplexer that allows both the transponder and the UAT to share a single antenna. Because it is a combination unit, there is a single point of entry for the squawk code which eliminates the possibility of reporting two different codes. The STX 360 provides a traffic display, METARs and status on its sunlight readable OLED display. With its wireless output capability, the STX 360 can also display weather and traffic on portable devices, such as an iPad or tablet.

The SANDIA STX 360 accepts position data from WAAS GPS position source such as the FREELIGHT WAAS/GPS 1201, the GARMIN 430W, 530W, SANDIA STX 360 will accept a WAAS position source that has RS 232 or RS 422 interface. We also accept WAAS GPS information from the MGL and GRT Product lines.

Features:
- UAT ADS-B In and Out
- Pilot Selectable Anonymous Mode
- Built-in Mode C Transponder
- Built-in Diplexer – Single UAT/Transponder Antenna
- Enhanced Visual Acquisition Traffic Display
- Display of METARs
- Single Entry for Squawk Code
- Wireless iPad Weather, Traffic, and FIS-B
- Fits Existing Transponder Panel Dimensions
- Remote Options

.........................................................P/N 11-14705 ...........$3,054.00

SANDIA SI-11X ELECTRONIC COURSE DEVIATION INDICATOR
The SI-11X Electronic Course Deviation Indicator is a panel-mounted device that displays lateral and vertical needles from a typical navigation receiver or GPS navigator. The non-certified SI-11X CDI is intended for the experimental aircraft market.

All information is displayed on a color 3.5 inch diagonal LCD display in traditional aerospace symbology. The SI-11X displays Left/Right course deviation for VOR, ILS GPS and Vertical deviation for ILS or GPS. The SI-11X also displays four Annunciations, NAV or VLOC, GPS and BC (Back Course).

The SI-11X will interface with virtually all VOR and GPS navigation units. The SI-11X mounts in a 3 1/8 inch standard instrument hole and is the ideal replacement for mechanical instruments.

Specifications:
- Weight: 0.58 lb
- Dimensions: 3.52 x 3.22 x 1.84 in.
- Viewing angle: 60 • Left/Right, 45 • Up/Down
- Operating temperature: -20 •C to +55 •C
- Power input: 10-32 VDC
- Current: 1 amp max
- Power: 5 watts at max display brightness

.........................................................P/N 11-17529 ...........$1,980.00

G-FORCE MOUNTS
The powerful G-Force vacuum base can withstand 23g of shear force, making a sturdy, lasting bond wherever you have a smooth, non-porous surface. That includes glass, plastic, even gelcoat. Creates a stable, reachable platform for your portable GPS that makes programming a breeze. Take it from airplane to auto. It even works in the boat. All G-Force Mounts include appropriate mounting hardware and an easy-to-follow User Guide.

MOUNT FOR GARMIN AERA 700 SERIES
The G-Force GF220 Mount is all you need to turn your portable, large-format GPS into a heads-up display that will confirm your skill to think past the yoke........................................P/N 11-10740 ..........$69.75

MOUNT FOR APPLE IPOD
The G-Force GF260 iPad Mount comes complete: with a custom-designed cradle, tailored to your iPad-1 or iPad-2, secured to the remarkable G-Force GF2 Twin base ........................................P/N 11-10741 ..........$66.75

MOUNT FOR MINI-TABLET PC’S
If you want to turn your mini-tablet PC into a heads-up display, you want the G-Force GF163 Mount. The G-Force GF163 mount connects to your mini-tablet with the legendary Air Base ........P/N 11-12115 ..........$57.85

MOUNT FOR EARLY GARMIN
The G-Force Mount docks directly to the OEM cradle supplied by Garmin International with its GPS/MAP models 195 through 496. Other Garmin models and units from other manufacturers may require an interface cradle at additional cost. Cradles are not included with purchase.

P/N 11-80807 ..........$42.75

MOUNT FOR GARMIN 695/696
This G-Force GF22 Mount is all you need to turn your portable, large-format GPS into a heads-up display that will confirm your skill to think past the yoke. In the time it takes to unravel your headset, your portable, large-format GPS will look like a fixed addition to your panel instrument array ........................................P/N 11-80899 ...........$73.85

GF1.2 AERA MOUNT
The G-Force GPS Mount manages your cockpit Resources, Restores your priorities, Returns valuable seconds to your command.

P/N 11-80773 ...........$42.75

GF7 CAMERA MOUNT
Now, High-Speed Photography is a One-handed No-Brainer. Attach your lightweight camera or video to this G-Force GF1 Mount, fitted with an industry standard 1/4-20 camera stud........P/N 11-80103 ..........$42.50

GF27 CAMERA MOUNT
Twice the holding power means double security. Dock your heavier camera to the G-Force GF2 Mount, fitted with an industry standard 1/4-20 camera stud........P/N 11-80104 ..........$79.50

FAT GECKO TABLET AND IPAD BRACKET
Now, High-Speed Photography is a One-handed No-Brainer. Attach your lightweight camera or video to this G-Force GF1 Mount, fitted with an industry standard 1/4-20 camera stud........P/N 11-80103 ..........$42.50

FAT GECKO TABLET AND IPAD MINI MOUNT
Designed to securely hold any tablet or iPad between 7 and 10.5 inches, the Delkin Devices Fat Gecko Tablet & iPad Bracket allows you to mount your device in places you normally would not be able to. Attach it to a countertop while cooking, your desk at work, even the window of your car; the possibilities are endless! This innovative accessory easily compliments your equipment in any situation, including photography, videography, aviation, gaming and various other activities.

P/N 11-14718 ......................$44.95

GARMIN PORTABLE FRICTION MOUNT
Keep your device in easy sight with this portable friction mount, and then remove it from your vehicle when you arrive at your destination. Let you use your device in more than one vehicle. For aera 500 series.

P/N 11-13670 ......................$33.55

PRICES SUBJECT TO CHANGE WITHOUT NOTICE - VAC as of June 1, 2023.
ASPIRIN – AVMAP

ASPIRIN AVIONICS EVOLUTION E5 DUAL ELECTRONIC FLIGHT INSTRUMENT

Versatile Performance – presents attitude information with altitude, airspeed, true airspeed plus DODCI course deviation indicator into a single display with a backup battery. Includes Global Positioning System (GPSS) Steering, and altitude heading reference system (ADHRS). Reliable - With redesigned electronics and new glass, the Evolution E5 has a bolder and brighter display and offers higher reliability, more capability and improved processing speed all while retaining Aspen’s unique form factor design that keeps installation costs down. • Affordable – real glass • Compatible – interfaces with your plane’s existing avionics • Autopilot – interfaces to the new TruTrak Vision • Autopilot and is compatible with most legacy autopilots. • Simple Installation – the unique form-fit feature design slides into existing panel – one install makes it all, no additional HSI wiring • Highly configurable • ADS-B, Angle of Attack, Synthetic Vision and Hazard Awareness with an easy upgrade path that leverages your Evolution E5 investment without unit replacement • Smart Investment – increases aircraft value, situational awareness.

With ACU Top .......................................................... P/N 11-16468 $6,395.00
Without ACU Top .................................................... P/N 11-16466 $4,995.00
Without ACU Bottom .............................................. P/N 11-16467 $5,395.00

DEKLIN EA100 INTERFACE UNIT SERIES

The DEKLIN Technologies, Inc. has developed the TR2/TR2R series 160 hours). Download the free Engibox mobile App to get

AVMAP EKPV GVP

Fully Portable: A brilliant 7” display, with built-in battery and GPS, only 0.8” thick. EKPV V7 gives you daylight, yet very powerful: with built-in u-blox 5 GPS receiver, built-in battery and speakers. 

Offering full Connectivity: Thanks to your special Docking Station, you can connect EKPV V to several on-board devices at the same time (autopilot, XM WX, CAS, EIS, EFIS etc.) so that the large 7” LCD becomes multifunctional and capable to display different flight info.

Fully Customizable: Easily change the layout according to your needs, copy where to display: maps, airs, weather, vertical profile on map, nav data, HSI, EFIS. Set different PROFILES for different aircrafts with different settings for tags, selective display and even different hard keys configurations. 

P/N 11-16204 ...... $1,199.00

AVMAP EKPV WITH DOCKING STATION

An Ultra EFIS combo

The AvMap avionic system consists of:

• AvMap EKP V: GPS navigator, EFBD, PFD
• AvMap Cockpit Docking Station
• AvMap 2A ADHARS module
• AvMap GPS receiver

P/N 11-16409 ...... $3,026.00

AVMAP ULTRA - EFIS

AvMap Ultra is a stand alone EFIS with a 3.5” bright high brightness display. The unit is compact (353.0 mm /2.49” of installing depth) and ultra light: only 230 g (8.1 Oz)! Designed for light-sport, ultralight and experimental aircraft.

Ultra compact: only 2.49” of installing depth, and only 2.34” of installed height. Ultra bright: 3.5” bright high brightness display with 500 cd/m2 brightness. Ultra powerful, packed with everything you need: • 3.5” ultra bright LCD • GPS • Solid state 3-axis gyro • 3-axis accelerometer • 3-axis magnetic field sensor • Pilot and Static air data sensors • UAV motion processor and sensor fusion software • Preloaded with Jeppesen database (APT, VOR, NDB)  The AvMap Ultra can display on the 3.5” LCD two different pages: PFD and HSI. Change software • Preloaded with Jeppesen database of preloaded Jeppesen Database an Airport, a VOR station or NDB transmitter as you navigate back-up. The AvMap Ultra also provides navigation back-up: in the HSI screen you can select from the preloaded Jeppesen Database an Airport, a VOR station or NDB transmitter as your navigation point. The Ultra EFIS contains an internal world magnetic model that allows it to calculate the local magnetic deviation and dip. The Ultra EFIS can calculate current position and ground speed even in the absence of GPS.

P/N 11-16538 $29.00
P/N 11-16539 $95.00
P/N 11-16540 $12.00
P/N 11-16541 $18.00
P/N 11-16542 $104.75
P/N 11-16543 $17.50

Visit www.aviationspurs.com for complete AVMAP packages.

AVMAP ENGBOX FOR ROTAX

With an update rate of five times per second, EngBox measures and displays the engine parameters to warn you instantly if any measurement exceeds the engine limits. Data are recorded and stored in the internal memory (up to 160 hours). Download the free Engbox mobile App to get Instant Support Service*.

EngBOX is a light and compact engine monitor displaying
• Exhaust Gas Temperature (EGT) • Revolutions per minute (RPM) • Manifold Pressure (MAP) • Oil Pressure • Oil Temperature / Air Temperature • Cylinder Head Temperature (CHT) / Coolant Temperature (CT)

P/N 11-16544 $88.75
P/N 11-16545 $299.00
P/N 11-16546 $32.95

www.AIRCRAFTSPRUCE.COM

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Prices Subject to Change Without Notice - Valid as of June 1, 2023.
BENDIX-KING

CROWN KX 125 DIGITAL NAV/COM

The KX-125 is an ideal as a replacement radio, a primary system for homebuilts or a very affordable back-up. COMM section provides 760 frequencies, flip-flop frequency selection, a built-in audio amplifier with sidetone and audio leveling, direct tuning, microphone alert, and an remote transfer of both COMM and NAV frequencies. Its separate NAV section offers 200 frequencies, including localizer. Includes unit, install kit, & KX125 Unit Only.

KI 203 NAV Indicator

KI 204GS Indicator

KI 209A GS Indicator

KI 208A 14/28V with install

KI 209 GS Indicator

KI 206 GS Indicator

CROWN KI SERIES INDICATORS

The KI203, KI208, KI204, & KI209 indicators feature an internal VOR/LOC converter and are compatible with the KX125 transceiver. The KI203 & KI204 have reticilinear movement, while the KI208 & KI209 feature pivot needle action. The KI206 has reticilinear movement and works with the KX165 & KNS80. The KI209 includes GPS interface capability.

KI 203 NAV Indicator

KI 204GS Indicator

KI 209A GS Indicator

KI 208A 14/28V with install

KI 209 GS Indicator

KI 206 GS Indicator

SILVER CROWN KX-165A NAV/COM SYSTEM

The KX-165's useful side, the KX165 system gives you 10W minimum transmitter power for (10W Com with 16W option) • XM WX interface. • 10W COM with 16W option • EPIC/APEX FMS Core. • Simple to use • Affordable pricing • Enhanced ground proximity warning system (option) • NAV/Com (10W Com with 16W option)

Prices Subject to Change Without Notice - Valid as of June 1, 2023.
**BENDIX-KING – GPS**

**CROWN KR 22 AUDIO PANEL**

The Bendix/King KR 22 Marker Beacon Receiver is a fully independent, panel-mounted unit with its own audio output and self-test feature. The receiver is all-solid-state, and its compact size makes it an easy fit in virtually any panel. A crystal-controlled superheterodyne receiver and 3-light presentation ensures that the KR 22 will give precise visual and aural indications of marker beacon passage. Excellent receiver selectivity eliminates interference. Headphone audio is provided, or if speaker output is desired, the KR 22 may be interfaced with the KA 134 or other audio control panel.

P/N 11-03843 ....... $1,399.00

**BENDIX KING KMA 30 AUDIO PANEL**

The KMA 30 is a convenient “slide-in” replacement for select older audio panels. Saves the expense of re-wiring the entire avionics suite. Music and phone Bluetooth® capability provides unsurpassed audio flexibility throughout the aircraft. Can even turn music on or off for the pilot while in isolate mode. Delivers full, duplex telephone capability.

P/N 11-11263 ........ $1,395.00

**BAD ELF GPS PRO**

Connects up to 5 devices at a time via Bluetooth. The real-time GPS data from a single GPS Pro can be used by up to 5 devices simultaneously – any combination of supported iPad, iPhone, or iPod touch devices. This is great for: Jet pilots: the entire crew can share the data from a single GPS Pro sitting on the glareshield or in the side window. Or share your GPS data with passengers in the cabin so they can follow the flight on their own iPads. General aviation pilots: use your iPhone or iPod touch as a backup for charts on your iPad, switching instantly if needed without re-pairing or connecting.

P/N 13-12274 ....... $249.99

**BAD ELF BLUETOOTH GPS PRO+**

PX4 certified, rugged, and splash-proof. Don’t be afraid to take your GPS Pro along on your next adventure. Compact, rugged, and splash-proof, the GPS Pro will survive the journey and then let you share with your friends your amazing trip. Works with all location-based apps. Bad Elf GPS Pro in the cockpit Apps galore. The Bad Elf GPS Pro meets all requirements under Apple’s MFi program, and works great with any location-based app in the App Store. To simplify your search for great apps, we’ve categorized many apps that we know work well with the Bad Elf GPS Pro by your favorite activities.

We’ve tested the GPS Pro with all the major flight planning and aviation chart apps as well as many marine, fitness, car navigation, and golf apps.

P/N 13-10933 ........ $349.99

**DUAL SKYPRO GPS RECEIVER XGPS160 FOR IPAD & ANDROID**

GPS Receiver with fast signal acquisition and 10Hz positioning updates, making it an ideal GPS for pilots, race car drivers and other fast moving applications. The WAAS receiver is compatible with both GPS (USA) and GLONASS (Russia) systems and it connects via Bluetooth to up to 5 Apple or Android devices. This GPS Receiver also comes with a useful GPS Status Tool app. (Available free on the iTunes App Store). The SkyPro GPS Receiver also includes a non-slip pad for use in a cockpit, car or a boat.

P/N 11-11996 ....... $179.99

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**Model** | **Part No.** | **Description** | **Price**
---|---|---|---
KMA 20 | 11-00897 | Installation Kit | $528.00
KMA 24 | 11-00898 | Installation Kit | $207.95
| 11-00909 | Mounting Tray | $269.95
KMA 24H-52 | 11-00899 | Installation Kit | $189.95
| 11-00909 | Mounting Tray | $269.95
KMA 24H-70/71 | 11-00902 | Installation Kit | $275.00
KA 51B | 11-00904 | Installation Kit | $278.95
KN 53 | 11-00905 | Installation Kit | $218.95
| 11-00906 | Mounting Tray | $334.00
KN 62A/64 | 11-00908 | Installation Kit | $287.95
| 11-00925 | Mounting Tray | $386.00
KN 63 | 11-00929 | Installation Kit | $49.95
KN 72 | 11-00930 | Installation Kit | $189.95
KT 76A | 11-00912 | Installation Kit | $250.95
| 11-00913 | 28 Volt Kit | $221.95
KT 76A / 76C | 11-00935 | Installation Kit | $279.85
KNS 80 | 11-00937 | Mounting Tray | $327.00
KR 87 | 11-00942 | Installation Kit | $624.00
| 11-00943 | Mounting Tray | $166.75
KLN 90B | 11-00944 | Installation Kit | $389.00

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**Model** | **Part No.** | **Description** | **Price**
---|---|---|---
KY 96A / 97A | 11-00915 | Mounting Tray | $325.00
| 11-00947 | Installation Kit | $875.00
| 11-00946 | Installation Kit | $215.95
KLX 135 | 11-00053 | Installation Kit | $194.50
| 11-00950 | Mounting Tray | $242.95
| 11-00951 | Installation Kit | $598.00
| 11-00952 | Mounting Tray | $90.75
| 11-00919 | Installation Kit | $621.00
| 11-00955 | Mounting Tray | $340.00
| 11-00957 | Mounting Tray | $598.00
| 11-00915 | Mounting Tray | $325.00
| 11-00958 | Installation Kit | $216.95
| 11-00922 | Installation Kit | $285.95
| 11-02342 | Installation Kit | $205.00
| 11-00959 | Installation Kit | $279.95
| 11-00962 | Mounting Plate | $43.50
| 11-15384 | Installation Kit | $249.99
| 11-15383 | Installation Kit | $250.95
| 11-15382 | Installation Kit | $324.00
| 11-15381 | Installation Kit | $29.75
| 11-15384 | Installation Kit | $26.60

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**KING INSTALLATION KITS**

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**WWW.AIRCRAFTSPRUCE.COM**
AEROCRUZE / XCRUZE AUTOPILOTS

BENDIXKING 100 DIGITAL AUTOPILOT SYSTEMS

The complete system is offered at a low cost, with the choice of three form-factor variations:

- **2” round, 3” round, Flat pack**

**Powerful and Flexible**

Emergency autopilot level button helps to bring the aircraft to a wings-level position. Connects to either hand-held GPS or IFR panel mount GPS systems. When connected to hand-held GPS, follows programmed flight plans. When connected to panel mount GPS, autopilot follows roll steering commands to fly complex flight plans Similar to lane assist in automobiles, the AEP stand-by mode monitors aircraft bank angle. Autopilot corrects the bank angles greater than 45 degrees by automatic roll command.

**BENDIXKING AEROCRUZE 100 DIGITAL AUTOPILOT SYSTEM FOR CESSNA**

The AeroCruze 100 is an affordable and flexible digital autopilot system for Cessna 172, 175, 177, 180, 182, and 185 aircraft. The AeroCruze100 provides a seamless integration with the AeroVue Touch EFIS as well as a variety of other manufacturers.

### Aircraft Specifications

<table>
<thead>
<tr>
<th>Aircraft</th>
<th>Size</th>
<th>Voltage</th>
<th>Part No.</th>
<th>Price</th>
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BENDIXKING AEROCRUZE 100 DIGITAL AUTOPILOT SYSTEM FOR PIPER

The AeroCruze 100 is an affordable and flexible digital autopilot system for Piper PA-28 and PA-32 aircraft. The AeroCruze100 provides a seamless integration with the AeroVue Touch EFIS as well as a variety of other manufacturers.

### Aircraft Specifications

<table>
<thead>
<tr>
<th>Aircraft</th>
<th>Size</th>
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BENDIXKING XCRUZE 100 DIGITAL AUTOPILOT SYSTEM FOR VANS

The xCruze 100 is an affordable and flexible digital autopilot system for Vans RV-4, RV-6, RV-7, RV-8, RV-9, and RV-10 aircraft. The xCruze 100 provides a seamless integration with the AeroVue Touch EFIS as well as a variety of other manufacturers.

### Aircraft Specifications

<table>
<thead>
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<th>Aircraft</th>
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<td></td>
<td>Flat Pack</td>
<td>11-18061</td>
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<td>RV-8</td>
<td>2 Inch Round Display</td>
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<td>3 Inch Round Display</td>
<td>11-18066</td>
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<td>Flat Pack</td>
<td>11-18067</td>
<td>$3,036.00</td>
</tr>
</tbody>
</table>

BENDIXKING XCRUZE 100 DIGITAL AUTOPILOT SYSTEM FOR GENERIC EXPERIMENTAL AIRCRAFT

The xCruze 100 is an affordable and flexible digital autopilot system that can fit many experimental airframes. The xCruze 100 provides a seamless integration with the AeroVue Touch EFIS as well as a variety of other manufacturers.

### Aircraft Specifications

2 Inch Round Display .......................... P/N 11-18885 ... $3,082.00
3 Inch Round Display .......................... P/N 11-18886 ... $3,058.00
Flat Pack .................................... P/N 11-18887 ... $2,917.00

BENDIXKING XCRUZE 110 DIGITAL AUTOPILOT CONTROL HEAD

The main display of the xCruze 110 autopilot contains a PFD flight instrument. This consists of an attitude indicator, airspeed indicator, altimeter, VSI, slip/skid indicator, bank angle indicator, turn rate indicator, and a track slaved DG.

**Note:** This is the control head only. Must be used in conjunction with a complete xCruze autopilot system ................. P/N 11-17915 .......... $2,216.44

BENDIXKING XCRUZE 100 AUTO TRIM MODULE

Failsafe automatic pitch trim option to be added to xCruze autopilot system.

**Note:** This is compatible only with the xCruze experimental autopilot system. Not for usage with the Aerocruze system.

P/N 11-17914 .......... $317.00

Please visit our website for additional products.

www.aircraftspruce.com

Prices Subject to Change Without Notice - Valid as of June 1, 2023.
ICOM A220 TRANSCIEVER

Easy channel selection - It is fast and easy to select any of the memory channels in the IC-A220. The "flip-flop" arrow button switches between main and stand-by channels. The dual watch function allows you to monitor two channels simultaneously. Additionally, the improved auto stack memory stores the last 20 channels used and allows you to recall those channels easily.

GPS memory function - When connected to an external GPS receiver, equipped with an air port frequency database, the frequency data for nearby airports can be transferred and made available. Ask your dealer for available GPS receiver details.

12V24V DC power source - The built-in DC-DC converter accepts a 12/24V (11.5–27.5V) DC power source. The IC-A220 is easily installed in most airplanes or vehicles.

Description | Part No. | Price
--- | --- | ---
A220 Unit Only | 11-13688 | $1,299.95
A220 Unit + 2 place, 3ft Harness | 11-13234 | $1,542.00
A220 Unit with Custom Harness | 11-13235 | $1,553.00
A220 with PS-80 Base Station | 11-13689 | $1,999.95
A220 with MB-53 for Mobil Mount | 11-13690 | $1,699.95
A220 MBA-3 Rear Panel Adapter | 11-14470 | $89.95
4ft Pigtail Only (2 place) for Experimental Only | 11-16670 | $243.95

ICOM A120 MOBILE COM RADIO

Icom’s A120 air band mobile introduces two new features: Active Noise Cancelling (ANC) and Bluetooth® capabilities. The newly added built-in ANC reduces background noise and is effective in extremely noisy airport environments. The automatic noise limiter (ANL) reduces pulse-type noise such as engine ignition. Insert the optional UT-133 Bluetooth® unit and connect a third-party wireless Bluetooth® headset. This unit is great for any mobile application and it’s available in a base station. Both are built to mil spec for superb reliability!

ON-hook scan and dualwatch functions

The ON-Hook scan function automatically starts scanning when the hand microphone is hooked on the microphone hanger. When you take the microphone OFF hook, the scanning stops at the priority channel or displayed channel. The Dualwatch function checks the priority and operating channels alternatively.

Side tone function

When using a third-party headset with the optional OPC-871A headset adapter, the side tone function allows you to monitor your own transmitted voice via the connected headset. Even when using a hand microphone, your voice can be monitored from the headset.

Features:
- Compatible with both 12V and 24V systems
- Dualwatch and priority scan functions
- Power on password protection
- CI-V commands for external control
- Connect with other radio devices with the VE-PG3 RoIP gateway

Standard ......................................................P/N 11-14122 $999.95
With 120V Power Supply ..................................P/N 11-14123 $1,299.95

ACCESSORIES

<table>
<thead>
<tr>
<th>Description</th>
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<tbody>
<tr>
<td>Icom SP-30 20W Large External Speaker</td>
<td>11-14125</td>
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<tr>
<td>Icom VS3 Bluetooth Pendant Earpiece Mic with PTT</td>
<td>11-14126</td>
<td>$146.75</td>
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<tr>
<td>Icom HM216 Standard Mic for A120</td>
<td>11-14127</td>
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<tr>
<td>Icom HM-217 Mic with Speaker and Programmable Buttons</td>
<td>11-14128</td>
<td>$87.75</td>
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<tr>
<td>Icom SM-26 Desktop Mic with Monitor Switch</td>
<td>11-14129</td>
<td>$78.75</td>
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<tr>
<td>Icom OP-C2275 5M Connection Cable</td>
<td>11-14130</td>
<td>$125.75</td>
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<tr>
<td>Icom OPC-1122U PC to Mobile Radio Programming USB Cable</td>
<td>11-14132</td>
<td>$82.90</td>
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<tr>
<td>Icom OPC-2344 Modular Connector Programming Cable</td>
<td>11-14133</td>
<td>$112.75</td>
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<tr>
<td>Icom ICDIO1 120V Power Supply and Cabinet</td>
<td>11-16502</td>
<td>$189.85</td>
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<tr>
<td>Icom ICDIO1 1220V Power Supply and Cabinet</td>
<td>11-16503</td>
<td>$186.75</td>
</tr>
<tr>
<td>Icom OPC344 A110/A120 Power Cable</td>
<td>11-16501</td>
<td>$13.65</td>
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</table>

ICOM PS-80 BASE STATION

The PS-80 offers quick, easy installation of the IC-A220 in one compact desktop unit that combines a power supply, speaker, microphone, headphone and antenna connectors. Power Supply is user selectable for 110 or 220/240 V AC operation and supports a full 7 Watt transmitter output. Large internal speaker booms out 5 watts of audio. Microphone, headphone and antenna connectors are standard in the PS-80 so no wiring is necessary. Just plug in your selected hand or desktop microphone or headphone and connect a third-party microphone and you are ready to go.

Specifications:
- Input voltage: 117 V AC +/- 10%, 220 V AC +/- 10%, or 240 V AC +/- 10% (selectable) • Output voltage: 13.8 V DC +/- 5% (negative ground) • Output current: 6 A • Duty rate: 1 hour for maximum current • Ripple voltage: Less than 20 mV rms • Useable Temperature Range: -10°C to +40°C, +14°F to +104°F • Dimensions (projections not included): 200(W) x 200(H) x 300(D) mm • Weight: 6.0 kg; 13.2 lb.

Icom PS-80 Base Station P/N 11-14303 $945.00
Icom A210B PS-80 Microphone P/N 11-18581 $379.00
Base Station Antenna for Mounting Model B Antenna on top Buildings P/N 11-18581 $379.00

ICOM PANEL MOUNT TRANSCEIVERS

ICOM PANEL MOUNT TRANSCEIVERS

ICOM A110-05B VHF AIR BAND TRANSCEIVER

The IC-A110-05B is rugged and reliable for serious ground crew communications. The IC-A110-05B can plug right into an AC wall (110V) receptacle. Great for FBOs. The unit features a front mounted speaker, free from any obstacle blocking and puts out 10W of power for the external speaker. Covers the 118-136.975 frequency range.

Features:
- Equipped EEPROM system provides maintenance free memory backup capability, without the use of a separate backup battery • Various scan functions, such as VFO and priority scans are available • Limited number of keys for simple manipulation, but providing advanced multi-functional • A total of 20 memory channels are available • 36 W (pep) of powerful output, 9W (Carrier) output • Excellent durability to cope with even the toughest workplace

Specifications:
- Dimensions: 150(W) x 50(H) x 180(D) mm • Weight: 1.5kg; 3lb. 5 oz. • Warranty 2 years • Power supply requirement: 13.75V DC ± 10% • Power consumption: 6.5 Watts maximum • Frequency stability: IC-A110 (-30° C to +60° C); IC-A110EURO (-20° C to +55° C) • Frequency accuracy: DC ± 3ppm

Icom’s A120 air band mobile introduces two new features: Active Noise Cancelling (ANC) and Bluetooth® capabilities. The newly added built-in ANC reduces background noise and is effective in extremely noisy airport environments. The automatic noise limiter (ANL) reduces pulse-type noise such as engine ignition. Insert the optional UT-133 Bluetooth® unit and connect a third-party wireless Bluetooth® headset. This unit is great for any mobile application and it’s available in a base station. Both are built to mil spec for superb reliability!

ON-hook scan and dualwatch functions

The ON-Hook scan function automatically starts scanning when the hand microphone is hooked on the microphone hanger. When you take the microphone OFF hook, the scanning stops at the priority channel or displayed channel. The Dualwatch function checks the priority and operating channels alternatively.

Side tone function

When using a third-party headset with the optional OPC-871A headset adapter, the side tone function allows you to monitor your own transmitted voice via the connected headset. Even when using a hand microphone, your voice can be monitored from the headset.

Features:
- Compatible with both 12V and 24V systems
- Dualwatch and priority scan functions
- Power on password protection
- CI-V commands for external control
- Connect with other radio devices with the VE-PG3 RoIP gateway

Standard ......................................................P/N 11-14122 $999.95
With 120V Power Supply ..................................P/N 11-14123 $1,299.95
### ACCESSORIES FOR A16

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<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
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<tbody>
<tr>
<td>BC213</td>
<td>Rapid Battery Charger</td>
<td>11-17240</td>
<td>$49.75</td>
</tr>
<tr>
<td>BP280</td>
<td>7.2V Battery</td>
<td>11-17230</td>
<td>$78.95</td>
</tr>
<tr>
<td>AD130</td>
<td>Adapter Cup for BC214</td>
<td>11-17239</td>
<td>$18.50</td>
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<tr>
<td>BC213NAC</td>
<td>Rapid Charger Cup for BP279 Battery</td>
<td>11-17241</td>
<td>$29.95</td>
</tr>
<tr>
<td>BC214E</td>
<td>Six Unit Charger for BP279/BP280 Radios</td>
<td>11-17243</td>
<td>$392.00</td>
</tr>
<tr>
<td>BC214</td>
<td>Six Unit Charger for BP279/BP280 Radios</td>
<td>11-17242</td>
<td>$392.00</td>
</tr>
<tr>
<td>HM240</td>
<td>Waterproof Aviation Speaker Microphone</td>
<td>11-17245</td>
<td>$94.75</td>
</tr>
<tr>
<td>OPC-2401</td>
<td>Headset Adapter</td>
<td>11-17397</td>
<td>$89.50</td>
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### ACCESSORIES FOR IC-24, A6, A14/S

<table>
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<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>CP20L</td>
<td>Cigarette Lighter Converter</td>
<td>11-03604</td>
<td>$57.75</td>
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<td>OPC-478</td>
<td>Programming Cable</td>
<td>11-18563</td>
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<td>BP-210N</td>
<td>Icom Battery</td>
<td>11-04385</td>
<td>$79.90</td>
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<tr>
<td>LC-159</td>
<td>Protective Case for A4 or A6</td>
<td>11-05003</td>
<td>$33.65</td>
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<td>OPC-656</td>
<td>OPC-656 DC Power Cable. For use with the BC-121N with a DC power supply. (12–20 V DC required). Not an aircraft power cable for radios.</td>
<td>11-05022</td>
<td>$10.50</td>
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<td>BC-167SA</td>
<td>80AD Wall Charger 117V</td>
<td>11-09311</td>
<td>$29.65</td>
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<tr>
<td>MB-87</td>
<td>Swivel Belt Clip for IC-A24 &amp; IC-A6</td>
<td>11-05002</td>
<td>$11.65</td>
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<td>MB-103</td>
<td>Icom Belt Clip</td>
<td>11-03494</td>
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<td>PTT-SW</td>
<td>Icom Headset PTT Switch for IC-A6, IC-A3, IC-A4, IC-A5, IC-A22, IC-A23, IC-A24</td>
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<td>BC-167SD</td>
<td>Wall Charger 220V</td>
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<td>SP-35</td>
<td>External Speaker</td>
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<td>OPC-871A</td>
<td>OPC-871A Headset Adapter - For connecting a standard aviation headset to the IC-A120/IC-A110.</td>
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<td>BP288</td>
<td>Li-ion 7.4V 2350mAh (typical) for A25 Series handhelds.</td>
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<td>HM-231</td>
<td>Waterproof Speaker Microphone for A25</td>
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<td>BC123SA-51</td>
<td>AC Adapter For Rapid Charger US Plug</td>
<td>11-15467</td>
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<td>BC-224</td>
<td>Rapid Charger With BC123SA</td>
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<td>MB06N</td>
<td>Swivel Belt Hanger Use with Standard Belt Clip</td>
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<td>MB133</td>
<td>Alligator Type Belt Clip</td>
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<td>CSA25</td>
<td>A25 Programming Software</td>
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<td>OPC478UC</td>
<td>PC to Handheld Programming Cable with USB</td>
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<td>AC Adapter For Rapid Charger</td>
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<td>CBE-232</td>
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<td>$23.95</td>
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<tr>
<td>HM-234</td>
<td>Speaker Microphone</td>
<td>11-15225</td>
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### IC-210N BATTERY ELIMINATOR

The Icom IC-210N is a DC battery eliminator for Icom handheld radios such as the IC-V8, F3GT, F4GT, and F21GM. One end plugs into a 12-13.8VDC lighter socket. The coiled cord links the lighter plug to the battery housing, which clips onto the back of the radio. The IC-210N includes Voltage & Current-limiting circuitry; noise filtering circuitry is also built into the housing. 5A fuse is located in the Clip Plug. P/N 11-06252 $23.95

### CBE-210N BATTERY ELIMINATOR

The CBE-210N is a battery eliminator for Icom handheld radios such as the IC-V8, F3GT, F4GT, & F21GM. One end plugs into a 12-13.8VDC lighter socket. The coiled cord links the lighter plug to the battery housing, which clips onto the back of the radio. The CBE-210 includes Voltage & Current-limiting circuitry; noise filtering circuitry is also built into the housing. 5A fuse is located in the Clip Plug. P/N 11-06252 $23.95

### ICOM HANDHELD TRANSCEIVERS

#### ICOM A16 VHF COM AIR BAND TRANSCEIVER

The A16 is built tough and rugged like all Icom radios. It is the smallest radio with the lowest audio on the market, featuring 1500 mW of powerful clear audio. Packed with 6 watts of power for longer range, the A16 is also waterproof to IP67 standards. The A16 is the ideal flight companion for the student pilot, for ground crew with one hand operation on the flight line, or as a back up in your ditch bag. Its 2400mAh Li-ion battery lasts over 17 hours, and the radio includes a sit-in rapid charger.

Standard P/N 11-17236 $269.95

With Bluetooth P/N 11-17237 $319.95

**ACCESSORIES FOR A16**

<table>
<thead>
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<td>AD130</td>
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<td>11-17245</td>
<td>$94.75</td>
</tr>
<tr>
<td>OPC-2401</td>
<td>Headset Adapter</td>
<td>11-17397</td>
<td>$89.50</td>
</tr>
</tbody>
</table>

#### ICOM A25C VHF AIR BAND COM RADIO

The A25C is a powerful air band handheld with 6 watts of power and an IP57 waterproof rating; weather cannot stop these radios. The handheld includes a large 2350mAh Li-ion battery, providing a long operating time. The easy-to-use interface and large 2.3-inch LCD display combine to provide stress-free programming and inflight operation. Frequencies: TX (COM); 118.00-136.975MHz. TX (COM); 108.00-136.975MHz. (Weather); 161.650-163.275MHz Channel spacing: 8.33/25kHz. Channels: 201 (20CH x 10 banks). Battery life: 2350mAh Li-ion battery, up to 10.5 hours. Typical operation with Tx/Rx: Stand-by duty ratio = 5:5:90. Power save ON. Version: Communications only.

**Features:**
- IP57 dust-protection and waterproof construction • “Flip-flop” channel recall • Smart battery with detailed battery status • .121.5MHz emergency key • Weather channels • Priority watch 
- VFO scan, memory-channels scan, priority scan • ANL (Auto Noise Limiter) for noise reduction • Side tone function • Internal VOX capability

### CBE-210N BATTERY ELIMINATOR

The CBE-210N is a battery eliminator for Icom handheld radios such as the IC-V8, F3GT, F4GT, & F21GM. One end plugs into a 12-13.8VDC lighter socket. The coiled cord links the lighter plug to the battery housing, which clips onto the back of the radio. The CBE-210 includes Voltage & Current-limiting circuitry; noise filtering circuitry is also built into the housing. 5A fuse is located in the Clip Plug. P/N 11-06252 $23.95

### ACCESSORIES FOR A14

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<td>Headset Adapter</td>
<td>PAOPC498</td>
<td>11-18537</td>
<td>$57.75</td>
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<td>Alkaline Battery Case (6 - AA Batt. Rec.)</td>
<td>BP261</td>
<td>11-06210</td>
<td>$60.95</td>
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<tr>
<td>AC Adapter 230V - Used with the BP-160, it charges the BP-232 in approx. 3 hours</td>
<td>BC-1455E</td>
<td>11-08671</td>
<td>$21.85</td>
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<td>OPC-2144 Right Angle Adapter</td>
<td>11-16395</td>
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<td>OPC2379 Headset Adapter for A25</td>
<td>11-17252</td>
<td>$62.50</td>
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</table>

Prices Subject to Change Without Notice - Valid as of June 1, 2023.
ICOM – YAESU – HANDHELD TRANSCEIVERS

ICOM IC-R6 HANDHELD RECEIVER

The Yaesu IC-R6 is a valuable addition to the ICOM lineup. This hand-held receiver is compact and lightweight, making it easy to carry and operate. It features a large, bright, fully lit, sunlight viewable backlight, which ensures clear visibility in any lighting condition. The IC-R6 offers superior sensitivity and receiver characteristics, providing insusceptible to interference, superior AM, FM, short wave broadcasts, TV audio, and a variety of utility communications. It can be received and listened to AM, FM, Short Wave broadcasts, TV audio, and various utility communications.

Specifications:
- Frequency Range: 800 kHz - 2200 MHz
- Power Output: 1W
- Sensitivity: 0.5 µV
- Noise Figure: 3 dB
- Dynamic Range: 70 dB
- Selectivity: 2 kHz

Features:
- Easy to operate menu system
- Auto program channel memory bank
- PC programmable
- 256-channel capacity memory bank

The IC-R6 is perfect for anyone looking for a reliable, high-performance hand-held receiver. With its intuitive menu system, the IC-R6 is easy to use, making it suitable for both amateur and professional use. Whether you need to monitor communications, receive TV audio, or listen to utility communications, the IC-R6 delivers excellent performance.

Yaesu FTA-250L VHF HANDHELD RADIO

YAESU FTA 250L VHF HANDHELD RADIO

YAESU FTA 450L VHF HANDHELD RADIO

YAESU FTA-850L VHF HANDHELD RADIO

Introducing the Yaesu FTA-850L portable airband transceiver, precisely engineered to meet the requirements of top aviators. Boasting top tier features like a 2.4” full-color TFT display, enhanced navigation features using ILS, VOR, or GPS, and a 400 channel memory bank, forget the wires featuring 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 advanced, high-durable Polycarbonate Housing, the FTA-850L meets the IPX-5 water proof rating, and the stringent MIL-STD-810H standards. Packaged with a high capacity 2200mAh Lithium-Ion battery, Headset adapter, 100-240VAC, 50-60Hz 12VDC charger/Power cable, drop in charging cradle, Alkaline Battery Tray, and Heavy duty belt clip. All backed by an industry leading 3 year waterproof warranty.

Yaesu FTA-550L Airband Transceiver

The Yaesu FTA-550L is an affordable, compact (COMM ONLY) Airband Transceiver. Featuring an extremely rugged Polycarbonate housing with an IPX5 Waterproof rating, it's ideal for use in harsh environments with rain, splash, and spray. Loud 700mW audio output guarantees that radio calls will not be missed even in noisy environments. 8.33kHz Narrow Band capability, with a huge programmable 250 channel capacity memory bank. The FTA-550L comes programmed with Yaesu’s exclusive E2O Fueling feature and includes a 66 channel WAAS GPS receiver. The FTA-550L now includes a 66 channel GPS receiver, allowing for full communication on the Aircraft communications Band and ILS navigation features on the “NAV” band, and waypoint navigation with the built in GPS receiver. The FTA-550L includes NOAA weather band monitoring and the capability of programming up to 200 memory channels with a quick and easy channel recall feature.

Specifications:
- Frequency Range: 118.000 - 136.975 MHz
- Power Output: 5 Watts
- Sensitivity: 0.5 µV
- Noise Figure: 3 dB
- Dynamic Range: 70 dB
- Selectivity: 2 kHz

Features:
- Easy to operate menu system
- Easy to program channel memory bank
- 200 memory channels
- PC programmable
- Backlit Keypad and display
- Easy to operate menu system
- 200 memory channels

The Yaesu FTA-550L can easily be reprogrammed in minutes using the optional PC Programming software and the supplied USB programming cable. It's the perfect combination of features and performance, making it a great choice for pilots looking for a reliable and affordable Airband Transceiver.

Yaesu FTA-750L VHF Handheld/ GPS COMBO

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 over-size full dot matrix LCD display, the FTA-750L Airband Transceiver / GPS provides full communication on the Aircraft communications Band 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 brand new easy to program 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.

Specifications:
- Frequency Range: 118.000 - 136.975 MHz
- Power Output: 5 Watts
- Sensitivity: 0.5 µV
- Noise Figure: 3 dB
- Dynamic Range: 70 dB
- Selectivity: 2 kHz

Features:
- Easy to operate menu system
- Easy to program channel memory bank
- 200 memory channels
- PC programmable
- Backlit Keypad and display
- Easy to operate menu system
- 200 memory channels

The Yaesu FTA-750L is an affordable, compact Airband Transceiver. Featuring an oversize full dot matrix LCD display, the FTA-750L Airband Transceiver / GPS provides full communication on the Aircraft communications Band 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 brand new easy to program 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.

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- Power Output: 5 Watts
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- Selectivity: 2 kHz

Features:
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- Easy to program channel memory bank
- 200 memory channels
- PC programmable
- Backlit Keypad and display
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- 200 memory channels

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HANDHELD RECEIVERS – SCANNERS

**YAESU FTA-310 TRANSCEIVER ACCESSORIES**

Based on the same design as the extremely popular VXA-300, now with improved BNC antenna connection, and a unique 12VDC charging sleeve. Features a more powerful audio amplifier than any other handheld airband transceiver and comes supplied with a 1400 mAh nickel metal hydride battery pack that provide almost double the battery capacity of icom’s IC-A23 or IC-A5! Includes: FTA-310 5W Portable VHF Transceiver with VOR, ATV-10: Helical Antenna (Q3000194), CN-3: SMA to BNC adapter, FA-25A: Alkaline Battery Tray, FNB-83: 1400 mAh Ni-MH battery, CD-28: Charging cradle, E-DC-5B: DC cable with 12v cigarette lighter plug, PA-48B: 110VAC Overnight charger, CT-96: Headset Adapter Cable. Note: The 220v model comes with the PA-48C: 220 VAC Overnight charger.

<table>
<thead>
<tr>
<th>Description Part No. Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>YAESU/VERTEX CIGARETTE CHARGER 11-12177 $23.95</td>
</tr>
<tr>
<td>ATV-10 - RUBBER DUCK ANTENNA (INCLUDED) 11-04343 $12.95</td>
</tr>
<tr>
<td>CT-96 - HEADSET ADAPTER FOR VXA-300, VXA-700, VXA-710 11-02562 $17.75</td>
</tr>
<tr>
<td>YAESU VOLTAGE 220v WALL CHARGER FOR VXA-220, VXA-300, VXA-710 11-09915 $26.95</td>
</tr>
<tr>
<td>FNB-83 - 7.2v 1400mah Ni-MH BATTERY (INCLUDED) 11-04347 $32.95</td>
</tr>
<tr>
<td>CLIP-14 - SWIVEL BELT CLIP (INCLUDED) 11-04340 $6.95</td>
</tr>
</tbody>
</table>

**VXA-300 PILOT III ACCESSORIES (INCLUDED)**

<table>
<thead>
<tr>
<th>Description Part No. Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CT-96 - HEADSET ADAPTER FOR VXA-300, VXA-700, VXA-710 11-16957 $9.50</td>
</tr>
<tr>
<td>YAESU VOLTAGE 220v WALL CHARGER FOR VXA-220, VXA-300, VXA-710 11-02381 $57.95</td>
</tr>
<tr>
<td>RUBBER DUCK ANTENNA FOR VXA-100/150/210 11-00827 $14.95</td>
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**VXA-300 PILOT III ACCESSORIES (OPTIONAL)**

<table>
<thead>
<tr>
<th>Description Part No. Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>BNC ANTENNA FOR FTA 230/310 11-11274 $13.95</td>
</tr>
<tr>
<td>VA 370C 220v RAPID CHARGER FOR FTA 230/310 11-11277 $67.75</td>
</tr>
</tbody>
</table>

**YAESU SBR-26LII HIGH CAPACITY BATTERY**

Yaesu SBR-26LII High Capacity 7.4V 2,500mAh Li-Ion Battery for use with the Yaesu FT-25R and FT-65R Handheld Radios........P/N 11-16534 ........$39.95

**YAESU STANDARD DC CABLE PLUG & WIRE ONLY**

Yaesu Standard E-DC-6 DC cable; plug and wire only........P/N 11-08490 ...........$8.50

**YAESU STANDARD ALKALINE BATTERY TRAY**

Yaesu Standard FBA-25A Alkaline Battery Tray............P/N 11-08492 ...........$17.95

**CRS AM/FM CLOCK RADIO BASE SCANNER**

The BC345CRS is a multi-featured conventional channel scanner. Easily enter and store frequencies for police, fire/emergency, marine, air and more into 500 channels over ten banks. The scanner also features AM/FM clock radio with snooze and NOAA weather broadcasts.

P/N 11-11412 .................$134.95

**AIRLITE DIGITAL AIRCRAFT RADIO RECEIVER**

The AirLite Digital Radio Receiver allows anyone to monitor aircraft communication, to work with embedded VOR performance based on extensive field testing. It is portable and ideal for those who can’t use an ANT-3B. Simply attaches one’s own flexible antenna to inside of windshield with BNC, coax, suction cup adapter. Works with any handheld radio using BNC connections........P/N 11-18603 ...........$28.95

**GLOBALSTAR AVIATION KITS**

The GSP-1700 Package is ideal for the “pilot on the go” who wants and needs the convenience of portable satellite communications. Small and lightweight, the GSP-1700 allows you to go from cockpit, to beach, hangar or wherever your final destination without being tethered to your aircraft. The GSP-1700 is the ultimate handheld portable satellite phone so you can stay connected beyond cellular. Antenna easily mounts to the outside of an aircraft. With the Globalstar 9600 you have Wi-Fi enabled devices (smartphones, tablets) to send and receive email using the fastest data speeds in the MSS industry. Spot Trace Satellite technology that tracks beyond the reach of traditional cellular coverage. Includes Phone, 14V..................P/N 11-14324 .....$1,600.00

**AVIONICS PIN TEST KIT**

Technicians can work with a higher degree of safety when using the PIN-3S KIT. This kit contains the correctly sized tools for successful connector pin-testing without the need for improvised testing methods with uninsulated electrical contacts or the wrong size of pins that can result in electric shock to the user or lost/damaged pins. This kit has all of the essentials including insulated test leads, a ground lead, and two sets of four screw-in pins.

P/N 11-13538 ...........$285.00

**PEREGRINE AIRSPEED SWITCH KIT**

Airspeed switch kit for Trig TT31 & King KT74 transponders. Includes: Airspeed differential pressure switch, qty 1 (PA-111114-821) • Clear Poly-Flo tubing, qty 3 (PA-111114-825) • Nylon union tee, qty 2 (PA-111114-831) • Nylon insertion stabilizer, qty 6 (PA-111114-833).

P/N 10-05913 .............$125.00

**WINDSHIELD ANTENNA KIT FOR HANDHELD RADIOS**

This antenna kit attaches to the inside of the windshield & dramatically improves portable nav/com’s transmit, receive, and VOR performance based on extensive field testing. It is portable and ideal for those who can’t use an ANT-3B. Simply attaches one’s own flexible antenna to inside of windshield with BNC, coax, suction cup adapter. Works with any handheld radio using BNC connections........P/N 11-18603 ...........$28.95

Prices Subject to Change Without Notice - Valid as of June 1, 2023.
## GARRECHT TRANSPONDERS

**VT01 UltraCompact**

The Garrecht Transponder VT-01 is a flexible and modular system concept, in a compact size (57mm) with a very low current and integral alticoder. Available as Class-1 (125 Watt) or Class-2 (71 Watt) System.

**Specifications:**
- Frequency Range: 118.0 MHz – 136.975 MHz
- Output Power: 9.44 watts
- Channel Spacing: 25kHz
- Mode: 6K00A3E
- Number of Memory Channels: 99
- Antenna Connection: SO-239
- Power Supply Requirement: 13.9V – 26.4V
- Operating Temperature Range: -22°F to 140°F
- Frequency Stability: ±5 ppm

**Features:**
- Convenient Base Station Enclosure
- Easy to read alpha/numeric display
- Scanning
- Usable in the 760 Channel VFO mode
- Simple to program
- Compatible with a standard Push-to-Talk Switch and Air Band Headset
- Priority scanning
- Multiple speakers, antennas, cables and programming options
- Front panel control of external speaker. Hand Mic is included.

**Price:**
- P/N 11-09190 $896.00

## SANDIA STX 165 MODE AIRCRAFT XPDR

**The STX 165** Sports a professional 1/2 3ATI Bezel that compliments any aircraft panel. Its bright OLED display is readable in virtually all lighting conditions and automatically dims for night time operations. Check out just a few of the STX 165 features.

- Built-in Encoder: Simplifies installations and lowers cost.
- Three Timer Functions: Elapsed Flight Time, Up Timer, Down Timer
- Pressure Altitude Display: See what altitude your transponder is reporting to Center
- Optional OAT Probe Input: Displays Outside Air Temp.
- Density Altitude: Icon Alert
- Small and Light Weight: 7.4" behind the panel depth
- 1.3 lbs.
- Electrical Input Voltage: 11-33 Vdc
- Current Requirements: 500mA@28Vdc
- Power Output: 200 Watts
- Nominal Dimensions: 1.78" x 3.5"W x 7.34"L
- Weight: 1.30Lbs
- Alt. Encoder: Built-in 35K’ Encoder
- External RS-232: Temperature: -20 degrees to +55 degrees C
- Sandia STX 165 Panel Mount
- Sandia STX 165R Remote
- Sandia STX 165 with 5 Foot Harness
- Sandia STX 165 with Custom Harness
- Sandia STX 165 Remote

**Prices:**
- P/N 11-09250 $2,089.00
- P/N 11-09251 $2,157.00
- P/N 11-09252 $2,184.00
- P/N 11-09253 $393.00
- P/N 11-11962 $2,157.00
- P/N 11-14021 $2,184.00
- P/N 11-09252 $1,989.00

## FLIGHTLINE FL-M1000A AIR BAND RADIO

**FL-M1000A** Air Band Land Radio installed in an Astron Base Station. The FL-M1000A is an Air Band Land Mobile Radio designed for land vehicles, or base station use, not for Aircraft. The radio can be operated with Hand Microphone or Headset. You can choose audio output from External Speaker and/or Headphone. The radio has various built-in Scan functions.

**Features:**
- Installs in any vehicle, Easy to read alpha/numeric display, Scanning, Usable in the 760 Channel VFO mode, Simple to program, Compatible with a standard Push-to-Talk Switch and Air Band Headset
- Priority scanning, Multiple speakers, antennas, cables and programming options, Front panel control of external speaker. Hand Mic is included.

**Specifications:**
- Power Consumption (Operation): 250mA @ 13.8V DC
- Power Consumption (Standby): 10mA @ 13.8V DC
- Power Consumption (On Ground): 90mA @ 13.8V DC
- Supply Requirement: 13.8V – 26.4V
- Antenna Connection: SO-239
- Frequency Range: 118.0 MHz – 136.975 MHz
- Mode: 6K00A3E
- Channel Spacing: 25kHz
- Number of Memory Channels: 99
- External Speaker and/or Headphone. The radio has various built-in Scanning, Usable in the 760 Channel VFO mode, Simple to program, Compatible with a standard Push-to-Talk Switch and Air Band Headset
- Priority scanning, Multiple speakers, antennas, cables and programming options, Front panel control of external speaker. Hand Mic is included.

**Price:**
- P/N 11-09189 $2,089.00

## ORDER ONLINE!

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- 100,000 Parts!
- 24 Hour Access!
- Fast, Easy Navigation!
All “With Glidescope” units are Glidescope ready.
AERO SAFETY SYSTEMS AH500 CENTRAL WARNING PANEL (4X4)
The AH500 combines flight, engine and aircraft configuration data to generate voice and visual alerts. The unit is programmed to warn off against switched, analog and EFIS data inputs based on the switched state, value threshold or combinations of inputs to generate envelope envelopes, gear not down and oxygen alerts. Data is gathered from directly connected switches and analog inputs as well as being able to take flight and engine data from Electronic Flight Information Systems (EFIS) and Engine Monitors when available via serial buses. Alerts are mapped to custom voice and/or sunlight readable and auto dimming captions with integration to a remote Master Caution, Master Warning, and alert acknowledgment switch. P/N 11-15372 $1,145.00

AERO SAFETY SYSTEMS AH501 MASTER CAUTION / MASTER WARNING SWITCH
The AH501 is combined Master Warning and Master Caution annunciator and combined with a high quality snap action alert acknowledgment switch. The AH501 allows the pilot to quickly recognize, acknowledge and mute new alerts and is ideally positioned directly in front of the pilot, just below the coaming for bringing alerts to your attention while keeping your head up. The unit can be wired as a remote Master Caution and Master Warning Annunciator for common EFIS systems such as the Garmin G3X and Dynon. When combined with the Aero Safety Systems AH500 or AH502SD Central Warning Panel annunciators, it functions as a consolidating Master Caution/Master Warning indicator and alert acknowledgment/mute switch as well as providing automatic dimming for night operation.

12/14V ......................................................... P/N 11-15373 $249.95
24/28V ......................................................... P/N 11-16753 $209.95

AERO SAFETY SYSTEMS AH502SD CENTRAL WARNING PANEL
The AH502sd combines flight, engine and aircraft configuration data to generate voice and visual alerts. The unit is programmed to warn off against switched, analog and EFIS data inputs based on the switched state, value threshold or combinations of inputs to generate envelope alarms. Alerts are mapped to custom voice and/or sunlight readable and auto dimming captions with integration to a remote Master Caution, Master Warning and alert acknowledgment switch. The front mounted SD card allows for easy adjustment of programming and voice files.

P/N 11-15374 $945.00

SANDIA SRU MODULE ENCLOSURES
The SRU 1 is a single card enclosure which accepts any MARC70 interface module. The SRU 5 is ideally suited for installations where only one MARC70 card is required or where there is limited real estate for mounting the larger enclosures. The SRU 1 can be mounted in any axis and either inside or outside the pressure vessel.

SRU 1 ........................................................P/N 11-11325 $248.95
SRU 5 ........................................................P/N 11-11326 $331.00
SRU 10 ....................................................... P/N 11-11327 $331.00

The SRU 10 is a multi-card enclosure that accepts up to five MARC70 interface modules. The SRU 5 can be mounted either inside or outside the pressure vessel. When less than five interface modules are used with the SRU 5, cover plates are placed over the unused card slots. If additional cards are required at a later date, the cover plates can be removed and the appropriate interface card installed. When installed, the SRU 5 ample room should be allowed for both connector clearance and for inserting and removing the interface modules. The SRU 5 as well as the interface modules can be mounted in any axis.

SRU 5 .......................................................... P/N 11-11327 $331.00

SANDIA SA 3 REGULATOR INCANDESCENT DIMMING MODULE
Regulator/Dimming Board. Provides .5 amps of annunciator drive for lighting display annunciator. Will provide 1 amp short term for test purposes. Switchable between bright and dim with both modes field adjustable.............. P/N 11-11314 $725.00

SANDIA SA 3L REGULATOR LED DIMMING MODULE
Regulator/Dimming Board. Provides 0.5 amps of annunciator drive for lighting LED annunciators. Will provide 1 amp short term for test purposes. Switchable between bright and dim with both modes field adjustable.............. P/N 11-11315 $729.00

SANDIA SA 15 SIGNAL INVERTER MODULE
Inverter Board converts a High to a Low or a Low to a High to provide common annunciator power. 14 inverter outputs........... P/N 11-11317 $665.00

SANDIA SA 24 DIODE ISOLATION MODULE
Diode Isolation Module. Provides 23 lines of diode ground in - ground out isolation. Internal FET allows simultaneous test of all lines to ground. Requires 28 Vdc for test............. P/N 11-11318 $586.00

SANDIA SR 633 6 DUPLEX POLE RELAY MODULE
Two, six pole nitrogen filled relays. Can be activated simultaneously or individually.

P/N 11-11319 $3,705.00

SANDIA SR 623 6 2 POLE RELAY MODULE
This SR 623 has a total of six, two pole relays in nitrogen filled metal cases.

P/N 11-11321 $1,862.00

SANDIA SR 34-1 12 POLE SWITCHING MODULE
The SR34 uses three, four-pole sealed relays to provide a total of 12 lines of signal level switching.

P/N 11-11322 $500.00

SANDIA SR 54-1 20 POLE RELAY SWITCHING UNIT
The SR54 switching is ideally suited for GPS and other Long Range Navigation Systems that share an HSI/CDI with a VOR/LOC receiver. The twenty poles of switching allow all resolving and steering lines to be switched simultaneously. And the built-in reversionary switching circuitry to ensure VOR/LOC steering is always displayed on the indicator should power be lost or if an ILS frequency is selected in the NAV receiver.

P/N 11-11323 $749.00

SANDIA SR 64-1 24 POLE RELAY SWITCHING UNIT
The SR64 has six, four-pole relays to provide a total of 24 lines of switching. This multi-purpose switching unit has its relays arranged in a group of four (16 poles) and two single relays (4 poles each).

P/N 11-11324 $750.00

SANDIA AIS RELAY SWITCHING UNITS
A general purpose Avionics units. Operates on 28Vdc, PMA’d NSN 5999-01-544-0513

24 Pole......................... P/N 11-11313 $796.00
20 Pole........................ P/N 11-11302 $646.00

SANDIA ST 26 TACH GENERATOR ADAPTER
The ST 26 is a Tach Generator Adapter that converts sinusoidal, 26vac – 400hz output of the Turbine Engine Tach Generators to a digital signal. This TSO approved adapter can be used for aircraft instrument displays or for other control – data collection systems. The ST 26 is approved to work with the most common aircraft tachometers models.

P/N 11-11331 $890.00

WWW.AIRCRAFTSPRUCE.COM
GUARDIAN AVIONICS – AVIDYNE

ADVENTURE PILOT

IFLY 740B TOUCHSCREEN

The 7-inch touch screen aviation GPS has been reborn! The next evolution is still big and bright enough to read easily in flight and affordable! An included suction mount with multiple articulation points. The touch screen interface is incredibly simple to use. No installation or setup required. Just turn it on and you’re ready to fly!

The iFly 740B is loaded with digital copies of FAA sectional data, IFR Low Enroute charts, airport diagrams, approach plates, and more. In fact, everything from planning to flying is designed around image enhanced maps from the FAA. Swipe your finger across the screen to scroll through the map, quick-tap to switch to another sectional, drag a route line to avoid a TFR, tap an airport to get detailed information, etc, etc. It’s easy, intuitive, and fast.

Features

- Intuitive Interface
- User Interface is designed the way you think, very easy to figure out
- Buttons fade away when not in use, maximizing map visibility
- Plug & fly (just plug in the unit and it will go straight to the map, ready to begin your flight)
- Big buttons throughout, making it easy to use even in the bumpy flights
- Zoom levels from 2 to 100 NM per inch
- Clear warnings if any sectionals are expired
- Touch-n-drag scrolling
- Single-touch to zoom in/out
- Single-touch to re-center & track current location
- Single-touch to switch which sectional is being displayed

iFly 740B .................................................P/N 11-15662 ...........$749.99

GUARDIAN SMARTLINK 851 FLIGHT DATA RECORDER CO DETECTOR

The smartLink 851 is a Flight Data Recorder, CO Detector, USB Power Supply (dual 2.7 amp) and AHRS that works with the Guardian Avionics smartPlane system. This unit is remote mounted behind the panel or on a smartPlane iPad mount to save space in smaller cabinets. The smartLink 851 communicates with the smartMDU iOS app via a USB connection or Bluetooth connection.

NORSEE Approved Remote Mounted Flight Data Recorder, CO Detector, USB Power Supply, and AHRS with Bluetooth and USB Connection.

Specifications:

- 2 USB Smart Chargers 5.1 VDC @ 2 Amps
- 3 Bluetooth connections
- 2 RS232 serial outputs
- 5 RS232 serial inputs
- 5 Amp circuit breaker
- Built-in CO detector
- 26-pin high-density connector (for image see Images section above)
- Temperature range: -20 degrees Celsius to 70 degrees Celsius
- Humidity range: 5% to 95% RH (non-condensating)
- Input power 14/28 VDC
- Built-in pressure sensor provides cabin altitude warnings at 10K, 12.5K, and 14K feet
- Built-in temperature sensor
- Audible tone to headset
- Dimensions (approximate - inches): 5.75"L x 1.3"H x 4.25"W
- Weight: 8 oz. .............................................P/N 13-20703 ......$1,713.00

FREEFLIGHT RANGR ADS-B SYSTEM

The FreeFlight Systems RANGR 978 Transceiver Lite comes an all-inclusive package - a rule-compliant ADS-B Out solution for those operating at FL180 and below with the added benefit of ADS-B In weather and traffic data. It automatically synchronizes with legacy transponders without the need for additional pilot interaction. The XVRL is a low cost, lightweight, installed system for rule compliance - without sacrificing performance. The necessary components for installation are included, no fine print. STC approved in accordance with AC 20-165A, AC 20-172A ADS-B out only .............................................P/N 11-13892 ......$2,735.00

GUARDIAN SMARTLINK 852 FLIGHT DATA RECORDER CO DETECTOR

Avidyne’s IFD Series of navigators feature the most intuitive Flight Management System in an easy-to-use, yet powerful design. The IFD540 is everything a pilot could want in an FMS/GPS/COM Navigator. It’s award-winning Page & Tab user interface eliminates nested menus, allowing you to go to any page in two clicks or less. Its innovative Hybrid Touch allows pilots to perform virtually all functions using its knobs and buttons, or via the versatile touch screen interface—giving you the choice based on your preference. The IFD540 has FMS Preview that lets you easily create, upload and review your flight plans visually with changes shown on the screen before selection plus in-flight changes are a snap because of our patented GeoFill™ predicts your next entry based on your location, not the sequence in the database.

The IFD540 amps up your situational awareness with exocentric Synthetic Vision which provides you with an enhanced “VFR-Like” view of what’s in front of your aircraft displaying 3D terrain with hazard alerting, obstacles, and nearby traffic. Everything you need to see on a bright, easy-to-view 5.7” touchscreen.

New Install Unit with Tray .....................................P/N 11-19632 .....$17,595.00
New Install Unit with Tray .....................................P/N 11-19634 .....$18,049.00

AVIDYNE SKYTRAX 200 DUAL-BAND ADS-B RECEIVER

SkyTrax200 includes dual-band (1090 MHz and 978 MHz) ADS-B and is also capable of receiving the traffic output from active traffic systems such as the Avidyne SkyTrax600, TAS600 series, Ryan 9000EX, or a legacy SkywatchTM system and combines it with other incoming data presenting you with an integrated view of dual-band ADS-B, TAS, and ATC radar traffic. The Avidyne SkyTrax200’s weather and dual-band traffic can be displayed on Avidyne’s IFD Series GPS/NAV/COMs, Multi-Function displays (MFD) or Entegra R9 integrated flight deck systems and supports standard Capstone and Arinc 429/735 interfaces.

P/N 11-19587 ......$2,435.00

AVIDYNE SKYTRAX AXP322 REMOTE MOUNT ADS-B TRANSPONDER

When you equip your IFD-equipped aircraft with Avidyne’s AXP322 Remote-Mount Mode S Transponder, you’ll be flying with the knowledge that all ADS-B equipped aircraft will be aware of your ground track, ground speed and altitude. The remote-mounted Avidyne AXP322 meets FAA requirements for the latest Version 2 1090 MHz Automatic Dependent Surveillance Broadcast (ADS-B) Extended Squitter when coupled to any Avidyne IFD.

P/N 11-19592 ......$2,985.00

PLEASE VISIT OUR WEBSITE FOR COMPLETE SELECTION OF AVIDYNE PRODUCTS.
**MID-CENTINENT 2 INCH CDI**

This indicator will fit the need of aircraft owners of LSA all the way up to business aircraft. The CDI allows for precise and accurate readings. Nav, GPS and VLOC annunciation are built-in and backed-up by LED lighting, providing enhanced nighttime and sunlight readability. The CDI has TSO approval from the FAA and will interface with most nav and GPS receivers.

**Specifications:**
- Power Input: Accepts 11 to 32 Volts DC.
- Lighting: Internal white LED. Lighting control voltage is selectable for 5, 14, or 28 VDC or 28 VDC
- Weight: 0.6 lbs.
- Length: 3.5 inches

Mid-Continent Instruments and Avionics - CDI MD222-406

- (This unit has the NAV/GPS & VLOC annunciations for the Garmin units)
- P/N 11-05106
  - Price: $3,088.00

Mid-Continent Instruments and Avionics - CDI MD222-506

- (This unit has the NAV/GPS & BC for all other applications)
- P/N 11-05107
  - Price: $3,088.00

**MD200-706 CDI GS Indicator**

- P/N 10-06014
  - Price: $995.00

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**GARMIN WAAS ACU - GNC 420W, GNS 430W/530W**

**Model No.**

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Part No.</th>
<th>Price</th>
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<tbody>
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<td>10-04768</td>
<td>$875.00</td>
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<tr>
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<td>10-04769</td>
<td>$875.00</td>
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<tr>
<td>Horizontal, 14V (head only)</td>
<td>10-02665</td>
<td>$1,822.00</td>
</tr>
<tr>
<td>Horizontal, 28V (head only)</td>
<td>10-02663</td>
<td>$1,190.00</td>
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<tr>
<td>Horizontal, 14V WAAS</td>
<td>10-02657</td>
<td>$735.00</td>
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<tr>
<td>Horizontal, 28V WAAS</td>
<td>10-02659</td>
<td>$779.00</td>
</tr>
<tr>
<td>Vertical, 14V WAAS</td>
<td>10-02660</td>
<td>$735.00</td>
</tr>
<tr>
<td>Vertical, 28V WAAS</td>
<td>10-02661</td>
<td>$735.00</td>
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</table>

**GPS 400/500, GNC 420/520, GNS 430/530**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MD41-1418A Vertical, 28V (head only)</td>
<td>10-02672</td>
<td>$1,432.00</td>
</tr>
</tbody>
</table>

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**REMOTE SWITCHING RELAY UNITS**

Remote mounted 24-pole unit features eight Nitrogen-filled relays (3 poles per relay) with Gold-plated contacts. Ideal for GPS/VOR transfer and audio switching applications. Relays are activated individually by voltage or ground keying or as a group by ground keying. Versatile Mounting - Horizontal, Vertical, or flat mount configurations. Fail-safe fault monitoring through interlocking of all internal relays. Adjustable dimmer output for external annunciations. Quality MIL-SPEC connector kit included. Specifications:

- Width: 2.96" Height: 1.52" Depth: 2.6" Weight: .75 lbs
- Remote Relay Unit 14V TSO
  - P/N 10-06793
  - Price: $1,225.00
- Remote Relay Unit 28V TSO
  - P/N 10-06016
  - Price: $1,278.00

---

**MID-CENTINENT 3” CDI**

The MD200 Series sets the standard for navigation instruments that are significantly more reliable, longer lasting and easier to read. Thousands have been sold by Garmin with the popular GNS 430/530 systems and the GTN Series touchscreen navigators.

**Features:**
- Fits standard 3 1/8” panel cutout
- All-metal construction with stainless steel ball bearings in critical areas
- Deviation bars/pointers hide from view when invalid
- LED annunciations for NAV, GPS, VLOC and To/From indication
- True OBS course resolver out
- Compatible with WAAS GPS receivers
- Pin-for-pin replacement for previous MD200 models
- High-quality d-sub connectors included with gold-plated pins
- FAA TSO and ETSO certified for use with all GPS and VOR systems
- Designed and built in Wichita, Kansas, USA
- One-year limited warranty put.

**Specifications:**
- Voltage input: 14 VDC or 28 VDC
- Current input: 0.3 amps max
- Standard cutout (3 1/8-inch round)
- Weight: 1.4 lbs.
- Altitude: 0 to 55,000 ft.
- Rear mount panel mounting

---

**ANNUNCIATOR CONTROL UNIT HORIZONTAL FOR GPS 155XL/GNC 300XL**

With fingertip annunciation and flight information in the pilot’s primary view, annunciation control units (ACUs) offer important features in an efficient design. As an interface with popular NAV and GPS systems, the ACU provides vital safety information, including waypoint, approach status and integrity alerting. 2-button, Horizontal, 26V

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MD41-1208</td>
<td>Vertical, 28V WAAS</td>
</tr>
</tbody>
</table>

- P/N 10-06788
  - Price: $1,169.00

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**ANNUNCIATOR CONTROL UNITS FOR GARMIN TAWS**

Designed to place annunciation and mode selection for the Terrain Awareness Warning System (TAWS) within the pilot’s direct field of view, these annunciators provide tactile feedback to the pilot through internally lighted push buttons. Featuring automatic photocell dimming and manual and remote test capability, units have excellent daylight readability.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MD41-1028</td>
<td>1-button, Horizontal, 28V, LED lighting</td>
</tr>
</tbody>
</table>

- P/N 10-06782
  - Price: $1,144.00

| MD41-1048 | 3-button, HTAWS, Horizontal, 28V, LED lighting |

- P/N 10-06786
  - Price: $1,691.00

| MD41-1058 | 3-button, HTAWS, Vertical |

- P/N 10-06787
  - Price: $1,691.00

---
### TABLE MOUNTING SYSTEM
For iPad, iPad2, iPad 3rd Generation, iPad Mini and other Tablet PCs by simply changing the mounting claws. Sturdy, durable high quality frame construction. Touch points securely hold your tablet in place without any damage. Universal metal tube clamp securely mounts to microphone stands and keyboard stands with tube diameters of up to 28mm. Multi-angle adjustment allows universal positioning of the tablet. The adapter allows for mounting the plate directly to a microphone stand. Quick-set-up and easy removal. Weight Packed: 2.36" x 2.87" x 1.44" • Weight: .25 lb. • Certification: PMA, DO160D • With adhesive mount pad and suction-cup mount base secure to any surface...P/N 11-06345 $239.95

### ANGEROLE INSTRUMENT PANEL MOUNT
The photo illustrates the Model 241 040 fitted to a blank instrument panel. An adapter plate (included with the mount) fits any standard 2-1/4" instrument panel hole so, generally, it can be fitted without any modifications to your airplane. If your application needs it, we can supply this mount with a 3-1/8" panel adaptor plate. If you don’t have an unused panel hole, a viable alternative is to drill two holes and simply bolt the mount directly to your panel. The “footprint” area is only 2" x 0.5" so there’s probably going to be somewhere you can make it fit. Naturally, you need to be certain this is appropriate, sensible and safe for your instrument panel drilling holes in your airplane...P/N 11-07238 $225.00

### SCOSCHE EXTENDO WINDOW / DASH PHONE MOUNT
• Telescoping arm adjusts from a range of 5.34" to 8.87", with 220° of angle adjustment • Adjustable arms securely hold devices up to 3.5" wide • 360° Adjustable head lets you view your device in portrait, landscape, or any position in between • StickGrip™ adhesive mount pad and suction-cup mount base securely to any surface...P/N 11-19147 $23.95

### GUARDIAN INSTRUMENT PANEL FLUSH MOUNT FOR IPHONE 6 / 7
The IFDR Panel Mount series is a flush mounting system to easily dock and seamlessly integrate your Apple iPhone 6 or iPhone 7 into your aircraft instrument panel -- giving it a clean, professional appearance in an easy to view position! Once installed, the IFDR Panel Mount allows your iPhone to be docked in seconds, fully connected to power and audio with built-in cable ports. Removal is just as easy -- just slide, push, and remove! Add the convenience of all your favorite iOS aviation apps and communication on your iPhone 6 or 7 in easy reach and integrated in your new or existing panel with the IFDR Panel Mount for iPhone 6 / 7...P/N 13-18917 $99.00 P/N 13-18918 $148.00

### GUARDIAN SMARTPANEL MOUNT FOR APPLE iPAD MINI 6
The smartPanel Mount for Apple iPad Mini is a new flush mounting system to easily dock and seamlessly integrate your Apple iPad Mini into your aircraft instrument panel -- giving it a clean, professional appearance in an easy to view position! Once installed, the smartPanel Mount allows your iPad to be docked in seconds, fully connected to power and audio with built-in cable ports. Removal is just as easy -- just slide, push, and remove! Compatible with all models of iPad Mini through Mini 6, the smartPanel Mount allows you to transform your new or existing panel and use the most popular iPad apps for aviation in the cockpit, fully integrated with your installation. Your charts and approach plates are in easy sight for reference and you can even use your iPad Mini as a small multi-function display with the many popular iOS aviation apps available...P/N 13-24288 $169.00

### CO GUARDIAN SMARTPANEL MOUNT FOR APPLE IPHONE 11 PRO
A flush mounting system to dock and fully integrate your Apple iPhone 11 into your aircraft instrument panel with included Fan. Now Approved for Installation in Certified Aircraft and Rotorcraft! Quick set-up and easy removal! Add the convenience of all your favorite iOS aviation apps and communication on your iPhone 11 in easy reach and integrated in your new or existing panel with the smartPanel Mount for iPhone 11...P/N 13-23897 $336.17

### CYCLONE 600 - 6 PORT AVIONICS COOLING FAN
The Cyclone-600 is a light weight, highly reliable brushless DC avionics blower that delivers 45-50 CFM of forced air to onboard aircraft electronics. The universal mounting system mounts vertically, horizontally and at 45 degrees for straightforward installations for all aircraft make and models.

**Specifications:**
- **Volatages:** 12-14 VDC 600mA; 24-48 VDC 500mA
- **CFM:** 45/50 CFM at 6000 RPM
- **Dimensions:** 4.5in (H) x 3.0in (W) x 2.5in (L)

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyclone 600 6 Port Fan 12-14V</td>
<td>11-06221</td>
<td>$425.00</td>
</tr>
<tr>
<td>Cyclone 600 6 Port Fan 24/28V</td>
<td>11-06222</td>
<td>$400.00</td>
</tr>
</tbody>
</table>

### CYCLONE 100 VDC BLOWERKIT
This New blower’s universal mounting bracket makes it easy to set-up and install on a variety of aircraft. Install immediately on experimental, sport and soon on general aviation, business, rotor-craft, commercial class aircraft as well as Land-Mobile, Marine and Military Vehicles.

**Specifications:**
- **Light Weight:** 52 grams, 0.115 lbs • **Enclosure:** Aluminum, (powder coated) • **Vdc, amperage:** 12 = 10.2-15.8Vdc, 0.390mA Vdc, amperage: 24 = 18.2-28.6Vdc, 0.900mA, 1 port = 58 inch x 1.0 • **Max Static pressure:** H2O = 0.64 • **Max Air Flow:** 6.7 CFM • **Universal Mounting Bracket:** (4) (mt) • **Operating Temp:** -55°C to +70°C • **FAA-PMA:** (pending), 6-30-08 • **Ultra-Small Size:** 2.0h x 1.00w x 2.0L • **Easy installation:** (4 x 6-32) • **1 year Limited Warranty**

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyclone 100 12 VDC Blower Kit LS03-02040</td>
<td>11-06384</td>
<td>$169.95</td>
</tr>
<tr>
<td>Cyclone 100 24 VDC Blower Kit LS03-02041</td>
<td>11-06385</td>
<td>$169.95</td>
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<tr>
<td>Cyclone 21 3 Port Cooling Fan 12V FAA/PMA</td>
<td>11-05221</td>
<td>$169.95</td>
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<tr>
<td>Cyclone 21 3 Port Cooling Fan 24V FAA/PMA</td>
<td>11-05222</td>
<td>$169.95</td>
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<tr>
<td>Cyclone 600 6 Port Cooling Fan 12V FAA/PMA</td>
<td>11-05223</td>
<td>$169.95</td>
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<tr>
<td>Cyclone 600 6 Port Cooling Fan 24V FAA/PMA</td>
<td>11-05224</td>
<td>$169.95</td>
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</tbody>
</table>

### SANDIA SAFE 328 - 3 PORT COOLING FAN
The SAFE 328 is a three port blower that can effectively cool a complete avionics suite. Providing a nominal 20 CFM of cooling air (no load), the SAFE 328 provides an alert output should the blower RPM drop below a preset level.

**Specifications:**
- **Operating Voltage:** 28Vdc • **Current Draw:** 400 MA Nominal (550MA stratup) • **Size:** 5.58" x 4.75" x 1.25" • **Weight:** 1.18 lbs. Certification: FAA-PMA $615.00

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAFE 328 (3 PORT)</td>
<td>11-06345</td>
<td>$386.00</td>
</tr>
<tr>
<td>AFC 328 (28V)</td>
<td>11-06330</td>
<td>$399.00</td>
</tr>
</tbody>
</table>

### SANDIA ACF 314 (3 PORT FAN)
The ACF 314 and ACF 328 simultaneously cool up to three avionics units operating on 14Vdc and 28 Vdc respectively the ACF 314 and ACF 328 supply up to 20 cubic feet of cooling air per minute, helping maintain your avionics at a proper operating temperature. FAA PMA’s and have been approved for experimental and commerical aircraft covering a range of years of reliable service. **Specifications:**
- **Operating Voltage:** 14Vdc • **Current Draw:** 960mA (1.7A at startup) • **Size:** 5.18" x 5.18" x 2.1" • **Weight:** 1.10 lbs. Certification: FAA-PMA $169.95

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACF 314 (14V)</td>
<td>11-06334</td>
<td>$386.00</td>
</tr>
<tr>
<td>ACF 328 (28V)</td>
<td>11-06330</td>
<td>$399.00</td>
</tr>
</tbody>
</table>

### SANDIA ACF 528 5 PORT FAN
The ACF528 is a FAA-PMA’d five port cooling fan that produces cooling air for one to five avionics units. Supplying up to 20 cubic feet of air per minute at 28 Vdc, the ACF528 can easily cool an entire stack of avionics. The ACF528 uses a brushless blower motor to provide years of reliable RunQuiet™ operation. **Specifications:**
- **Operating Voltage:** 28Vdc • **Current Draw:** 480mA (850mA startup) • **Size:** 5.13" x 6.77" x 2.1" • **Weight:** 1.18 lbs • Certification: FAA-PMA $435.00

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACF 528 (5 PORT)</td>
<td>11-08020</td>
<td>$435.00</td>
</tr>
</tbody>
</table>

### SANDIA SAFE 128 AXIAL FAN
The SAFE 128 is an axial fan that is designed to attach directly to an avionics unit’s cooling port. Providing a nominal 20 CFM (no load) of cooling air. The SAFE 128 provides an alert output whenever the fan RPM drops below a preset level. **Specifications:**
- **Voltage:** 28 Vdc • **Current Draw:** 100mA nominal <250mA Startup • **Size:** 2.36" x 2.87" x 1.44" • **Weight:** .25 lbs. Certification: FAA-PMA $285.95

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAFE 128 (AXIAL)</td>
<td>11-08019</td>
<td>$285.95</td>
</tr>
</tbody>
</table>

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**Prices Subject to Change Without Notice - Valid as of June 1, 2023.**
TRIG AVIONICS

TRIG TY91/TY92 DUAL CONTROL TRANSCIEVERS

The TY91/TY92 is an innovative two-part radio with a remote mounted radio and a panel mounted controller. A crisp clear display and simple user interface. The Dual Watch feature allows the monitoring of two frequencies at the same time. There are 9 pre-set channel memories which are all easily selectable. The radio can integrate with popular GPS units, this allows for easy en-route navigation. The TY92 is a certified, designed for high performance aircraft with a 28 volt power supply. With enhanced performance the TY97 ensures successful reception and transmission over long distance or from high altitudes. TY97 ..................................................P/N 11-14888 $3,447.00
TY97A 25 kHz ..............................................P/N 11-15377 $3,044.00
Installation Kit .............................................P/N 11-15378 $250.00

TRIG TY97 SLIMLINE VHF

Trig’s TY97 aviation radio sets a new standard in high power design. Combining great quality and performance each radio is housed within a super cleanly engineered unit, slim-line and light. At only 33mm high (1.3”) the radio saves valuable stack space, but retains innovative and practical features. The TY97 is a certified, designed for high performance aircraft with a 28 volt power supply. With enhanced performance the TY97 ensures successful reception and transmission over long distance or from high altitudes.

TRIG TY91 VHF RADIO SYSTEM

The majority of GA users including light sport, ultra-light, glider and balloon pilots will fit the TY91 to the TY91 radio, this lower powered 6 watt model is ideal for many applications. Features: • Can be set at 25 kHz and 8.33 kHz Receiver - Class C 4, Class 6 • 6 Watt power output • Compact and light weight • Take up minimal space and weight • Dual watch and two place intercom • Operation is simple, rapid frequency selection • Nine programmable memories • Can be battery operated • Full certified • Compliments Trig’s TT21 and TT22 Mode S Transponders • Features installation options due to 2 piece design • Can be mounted in a standard 2/1/4” hole or even smaller compact mounting • Once fitted, the radio control head is less than 1/2” deep • Crisp display, visible in all lighting conditions • TY91 is a lower powered model, ideal for light sport, ultra light, glider and balloon pilots and majority of GA users.

TRIG TY96 SLIMLINE VHF RADIO

The TY96 aviation radio is designed to provide fast switching between 8.33 kHz and 25 kHz. Its slimline and lightweight design—only 33mm in height—saves valuable stack space while retaining innovative and practical features. The TY96 is a certified 10 watt radio designed for general aviation and light sport applications and is ideally suited to the needs of experienced and novice pilots alike.

TRIG TT22 MODE S TRANSPONDER

Trig makes the world’s smallest and lightest Mode S certified GA transponders. The TT22 Trig compact transponder can fit into the tightest panel space. This allows general aviation, light sport and glider pilots to fit other instrumentation or displays that otherwise might not have been possible. The TT22 is a class 2 transponder and our most popular compact transponder model. Compact size - takes minimal panel space, fits in standard instrument hole. Integrated altitude encoder. Certified for IFR / VFR flight. Certified 1090ES ADS-B Out capable. Lightweight, EASA EN954 certified for 130 watts nominal output. Low weight - 440g (0.9 lbs). Features: • Low Weight • Minimal Panel Space • Low Power Consumption • 130 Watts Nominal Output • Integrated Altitude Encoder • Simple Installation • Easy to Use • Robust ADS-B Output

TRIG TT21 MODE S TRANSPONDER

Trig makes the world’s smallest and lightest Mode S certified GA transponders. The TT21 Trig compact transponder can fit into the tightest panel space. This allows general aviation, light sport and glider pilots to fit other instrumentation or displays that otherwise might not have been possible. The TT21 is a class 2 transponder and our most popular compact transponder model. Compact size - takes minimal panel space, fits in standard instrument hole. Integrated altitude encoder. Certified for IFR / VFR flight. Certified 1090ES ADS-B Out capable. Lightweight, EASA EN954 certified for 130 watts nominal output. Low weight - 440g (0.9 lbs). Features: • Low Weight • Minimal Panel Space • Low Power Consumption • 130 Watts Nominal Output • Integrated Altitude Encoder • Simple Installation • Easy to Use • Robust ADS-B Output

TRIG TMA44 STANDARD AUDIO PANEL

The TMA44 suits aircraft owners looking for a fully compliant ADS-B Out solution, (usually in mandated airspace) then the TMA44 is the ideal partner for a Trig transponder. Both GPS Position Sources are simple to use and provide a great way to add a certified FAA TSO-C145 WAAS GPS receiver to complete your ADS-B Out installation. The TMA44 comes with the TA70 certified WAAS antenna designed to complement the TMA44. The TMA44 enables simple control of all your navigation, communication and entertainment choices – benefiting from Trig’s ‘Better by Design’ philosophy. The result, a logical and high quality interface that’s easier to use, with features pilots will really appreciate.

TRIG TMA45 STANDARD AUDIO PANEL

The TMA45 is our fully featured panel for aircraft owners who don’t want to compromise. If you are looking for great quality audio, stereo music and mobile phone support via Bluetooth then this panel provides it all. With its navigation, communication and entertainment will be simplified as the TMA45 benefits from Trig’s ‘Better by Design’ philosophy. The result – a logical and high quality interface that’s easier to use, with features pilots and passengers will really appreciate.
TRIG TX56 / TX56A COMPLETE NAV/COM FAA TSO

Trig’s TX56 Nav/Com units provide the ideal platform to update legacy avionics or equip your new aircraft. Slimline and highly efficient both Nav/Com models are housed within a superbly engineered case. At only 33mm high each unit saves valuable space yet contains an impressive selection of practical features for any pilot. The TX56 is available with 8.33 kHz channel spacing or conventional 25 kHz spacing, with 10 Watt transmit power. The TX56A and TX57A are 760 channel radio versions (non 8.33 kHz for use outside Europe).

Features:
- Slimline – only 33mm high
- Bright, clear display / simple user interface
- Unique ‘Push Step’ for faster tuning
- Dual Watch – monitor two com or two nav frequencies at the same time
- ETSO and TSO approval (pending)
- Stereo music / two place intercom
- ‘Say Again’ feature – allows playback of last transmission
- USB port on facia – upload over 200 com and nav frequency database (CSV file)
- VOR/ILS receiver – monitor a 2nd VOR
- Built in VOR/LOC converter
- Built in digital CDI
- Built in 40 channel glide slope receiver
- Highly efficient – no cooling fans or external cooling required
- Ideal retro-fit for legacy radios – unit is same height as an SL30
- Unbeatable quality – designed and manufactured in the U.K.

Two year worldwide warranty

Specifications
Type: Certified
Certification: ETSO 2C128, 2C169a, 2C34f, ETSO 2C36f, 2C40c; TSO-C128a TSO-C169a, C34e, TSO-C36e, C40c
Supply Voltage (DC): 11 – 33 V
Typical Current Consumption (at 14v): (at 28V) receive: 140 mA transmit: 2A
Nominal Transmitter Power: 10 Watt
Operating Temperature: -20°C to +55°C
Cooling Requirement: No fan required
Weight: .1 kg / 2.42 lbs
Dimensions (mm) controller: H 44 x W 63 x L 54 mm; transponder in tray: H 48 x W 68 x L 160 mm
Dimensions (inches) 33 x W 159 x L 270 mm
Installed Depth in Tray (inches): 9.05” long
Supply Voltage (DC): 22 – 33 V
Typical Current Consumption (at 14v): (at 28V) receive: 140 mA transmit: 2.5A
Nominal Transmitter Power: 16 Watt
Operating Temperature: -20°C to +55°C
Cooling Requirement: No fan required
Weight: .1 kg / 2.42 lbs
Dimensions (mm) controller: H 44 x W 63 x L 54 mm; transponder in tray: H 48 x W 68 x L 160 mm
Dimensions (inches) 33 x W 159 x L 270 mm
Installed Depth in Tray (inches): 9.05” long
TX57 (8.33 kHz channel spacing) …………..P/N 11-16840 …………..$5,383.00
TX57A (25 kHz channel spacing) …………..P/N 11-16842 …………..$5,220.00

TRIG TN72 GPS RECEIVER

Flying in busy skies, or in remote areas means that many pilots want to exploit the visibility and safety that ADS-B provides. ADS-B In traffic receivers, used in general aviation today, allow a pilot to view ADS-B Out equipped aircraft on a cockpit display. The TN72 meets the position requirements of FAR 91.227 and can be used by Light Sport and Experimental aircraft in the U.S. to meet the 2020 ADS-B mandate. The TN72 is a highly affordable solution when used in combination with a Trig transponder. A TN72 will be visible across all ADS-B In traffic platforms. By installing a TN72 with your Trig transponder you will have a certified collision avoidance safety benefit – that’s easy to install and proven to work with Trig transponders.

P/N 11-1184-55 …………..$465.00

TRIG TA70 GPS ANTENNA

The TA70 can be paired with either the TN70 or TN72 GPS receivers. Each antenna comes with a simple installation guide and fixing kit. The antenna is light, easy to install and comes with a superior gasket feature – this provides coverage of existing antenna holes, giving a secure and weather tight seal. The TA70 antenna is included as standard in a TN70 GPS kit. This simplifies compliance as both the GPS and antenna meet the FAA 2020 mandate for ADS-B. For certified aircraft owners in North America, Trig offers a free FAA STC for the TA70 – this makes it straightforward to use in numerous popular airplane types…………P/N 11-15241 …………..$398.00

TRIG TX57 / TX57A NAV/COM

Trig’s TX57 Nav/Com units provide the ideal platform to update legacy avionics or equip your new aircraft. Slimline and highly efficient both Nav/Com models are housed within a superbly engineered case. At only 33mm high each unit saves valuable space yet contains an impressive selection of practical features for any pilot. The TX57 is available with 8.33 kHz channel spacing or conventional 25 kHz spacing, with 16 Watt transmit power.

Features:
- Slimline – only 33mm high
- Bright, clear display / simple user interface
- Unique ‘Push Step’ for faster tuning
- Dual Watch – monitor two com or two nav frequencies at the same time
- ETSO and TSO approval (pending)
- Stereo music / two place intercom
- ‘Say Again’ feature – allows playback of last transmission
- USB port on facia – upload over 200 com and nav frequency database (CSV file)
- VOR/ILS receiver – monitor a 2nd VOR
- Built in VOR/LOC converter
- Built in digital CDI
- Built in 40 channel glide slope receiver
- Highly efficient – no cooling fans or external cooling required
- Ideal retro-fit for legacy radios – unit is same height as an SL30
- Unbeatable quality – designed and manufactured in the U.K.
- Two year worldwide warranty

Specifications
Type: Certified
Certification: ETSO 2C128, 2C169a, 2C34f, ETSO 2C36f, 2C40c; TSO-C128a TSO-C169a, C34e, TSO-C36e, C40c
Supply Voltage (DC): 22 – 33 V
Typical Current Consumption (at 14v): (at 28V) receive: 140 mA transmit: 2A
Nominal Transmitter Power: 16 Watt
Operating Temperature: -20°C to +55°C
Cooling Requirement: No fan required
Weight: .1 kg / 2.42 lbs
Dimensions (mm) controller: H 44 x W 63 x L 54 mm; transponder in tray: H 48 x W 68 x L 160 mm
Dimensions (inches) 33 x W 159 x L 270 mm
Installed Depth in Tray (inches): 9.05” long
TX57 (8.33 kHz channel spacing) …………..P/N 11-16840 …………..$5,383.00
TX57A (25 kHz channel spacing) …………..P/N 11-16842 …………..$5,220.00

TRIG TC90 RADIO CONTROL HEAD

This innovative use of a control head and separate radio hardware unit (sold separately) provides more installation options, especially when space is at a premium. The control head can be conveniently mounted in a full 57mm (2 ¼”) round hole or even smaller compact mount. Fitting is straightforward, and once installed the depth of the radio control head is only 74mm (3”). In practice this means that the Trig compact control head can be located in an aircraft instrument panel where a ‘single box’ radio will simply not fit. The compact radio is the perfect communications partner to our compact transponder Mode S (1090 ES ADS-B Out transponders)…………………..P/N 11-16851 …………..$439.00
Installation Kit……………………………..P/N 11-16857 …………..$115.75

TRIG T106 CDI COMPLETE FAA-TSO

Trig’s T106 is a 3” Course Deviation Indicator, ideally matched for the TX66 and TX57. Using the latest generation of indicator technology, solid state actuators provide smooth and dependable navigational indications. Use of LED technology for both flags and backlighting provides a superior display compared to older legacy indicators. The T106 will support most existing Nav/Com equipment, making it a suitable replacement CDI across general aviation. Features: FAA TSO-C34e certified CDI • Solid state technology • Superior LED lighting • Optimized for use with Trig Nav/Comm units • Lightweight and simple to install • Ideal as a retrofit CDI option • Certification: ETSO C34e, C36e, 2C40c, TSO-C34e, C36e, C40c………………………………………..P/N 11-16843 …………..$2,678.00

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Prices Subject to Change Without Notice - Valid as of June 1, 2023.
ACK A30.9 (MOD 9) ENCODER
The ACK A30.9 (Mod 9) encoder is ideal for use with most GSS and TAWS systems, and works well with most of today’s Mode S transponders. Feature Gray code in 1000 increments and +32768 in 10 or 100 feet increments. Furnished with a 4 ft. harness, pre-wired jack, quick release mounting tray, fittings, static line, and installation manual. Reports altitude to 42,000 ft. One Year Warranty. P/N 11-02375 ......... $265.00

SANDIA SAC 7-35 AIRDATA COMPUTER
The SAC 7-35 is FAA TSO Approved as an altitude encoder. It provides standard Gillham Grey code or RS-232 data for the new generations of transponders. Altitude Alerting. The SAC 7-35 has SANDIA Aerospaces exclusive AIM (Altitude Inflight Monitoring) that alerts the pilot anytime he deviates more than 100 feet from his selected altitude. Fuel Flow. The addition of a fuel flow transducer (two for a twin) and your SAC 7-35 provides all the fuel flow data your navigation systems needs to monitor your fuel situation. Airdata Computer. The SAC 7-35 is an full TSO’d Airdata Computer offering all of the functions and capabilities of systems costing thousands of dollars more. The SAC 7-35 has multiple interface formats that allow it to provide data to a wide variety of avionics systems. Designed and manufactured to most exacting standards, you can be sure SANDIA Aerospaces products to provide years of reliable service. And every product is backed by a three year warranty and personal service support. P/N 11-07938 ......... $3,149.00

SANDIA SAC 7-35-01 AIRDATA COMPUTER
The SANDIA SAC 7-35 is a versatile data computer and data transponder that interfaces the Garmin 400W/500W navigators Downlinked Aircraft Parameters in ARINC 429/473 format to the Collins TDR 94D for ADS-B out capabilities. Note: Interfaces with Garmin 400W/500W navigators. Functions: Altitude Encoder. The SANDIA SAC 7-35 is FAA TSO Approved as an altitude encoder. It provides standard Gillham Grey code for legacy transponders and RS-232 data for the new generations of transponders. Altitude Alerting. The SANDIA SAC 7-35 has SANDIA Aerospaces exclusive AIM (Altitude Inflight Monitoring) that alerts the pilot anytime he deviates more than 100 feet from his selected altitude. • Fuel Flow. The addition of a fuel flow transducer (two for a twin) and your SAC 7-35 provides all the fuel flow data your navigation systems needs to monitor your fuel situation. • Airdata Computer. The SAC 7-35 is a full TSO’d Airdata Computer offering all of the functions and capabilities of systems costing thousands of dollars more. The SAC 7-35 has multiple interface formats that allow it to provide data to a wide variety of avionics systems. P/N 11-09321 ......... $5,350.00

TRANS-CAL ALTITUDE ENCODER MODEL SSD120-30N
The smallest, lightest, and lowest power consumption Altitude Digitizer on the market. The SSD120-30N, along with the RS-232 encoder, is a solid-state Altitude Encoder that is designed to provide a rugged and reliable altitude digitizer for applications where size, weight and economy are critical. Incorporating one ICAO gray code port, as well as the binary ICAO altitude code. Audible alerts are generated at 1000' or 100' altitude code transition points. Front panel switches control power, altitude hold, ascent/descent rate, audible signals and vertical rate displays. Requires virtually no warm up time and uses very little power. In-Flight Monitoring (AIM) mode alerts the pilot when he strays off his selected altitude. Requires virtually no warm up time and uses very little power. Fully TSO’d and backed by factory 3 year warranty. P/N 11-09688 ......... $3,100.00

SANDIA SAES-35 ALTITUDE ENCODER
The SAES-35 altitude encoder from SANDIA is small (1” high), lightweight (12 oz.) and utilizes Gillham Grey code in 100’ resolution for optimum performance and accuracy. Features two RS232 outputs in 10 foot resolution for easy installations. All connectors are on the same side for easy mounting, and digital calibration eliminates analog drift. Altitude In-Flight Monitoring (AIM) mode alerts the pilot when he strays off altitude. Requires virtually no warm up time and uses very little power. Fully TSO’d and backed by factory 3 year warranty. P/N 11-01561 ......... $490.00

MICRAIR EC2002 ALTITUDE ENCODER
EC2002 will accurately report the aircraft’s altitude from -10000 to +35,000ft. The altitude output will be via the 10 line Gillham “Gray” code. According to NTSB, 41% of 40-53 aircraft have malfunctioned as a result of drift over 35,000 feet. Lowest power requirements of any altitude encoder today. Typical current consumption of 10 – 90mA, this makes it the logical choice for any battery powered aircraft. Small size and light weight make installation very simple. The chassis is flanged, and is predrilled with mounting holes for easy attachment. The connections consist of the well know DB-15 electrical connector with pin assignments that will make this encoder perfect for any existing encoder, and a 1/8” NPT fitting which is an industry standard for aircraft equipment. These connections make it compatible with all ATC transponders currently available. P/N 11-05105 ......... $365.00
MICROAIR 760 COM REVISION P

Designed and manufactured in Australia, the Micro Air 760 VHF transceiver is ideal for aircraft requiring compact size and low power consumption. It has many of the features not found in radios costing much more and includes features not available in any other units. It’s compatible with a variety of speaker & microphone combinations including all general aviation microphones. Standard model mounts in a standard 2-1/4” panel hole and weighs only 19.4 oz. It has been proven in high noise environments such as Rotax 2-stroke engines and is excellent for gliders, Ultralights, a general aviation aircraft. A unique LED multifunction annunciator located at the top right of the unit provides several alerts, and an external memory toggle switch allows remote control of the memory frequencies. Transmit output: 4W, Size: 2.56” x 2.44” x 7.779’d, 14V. Standard 2-1/4” model.................................P/N 11-18700 ..........................$1,795.00

MICRO AIR T2000ADSB TRANSPONDER

A special version of the T2000 Transponder, designed for operation in unmanned aircraft. This product is NOT TSO’d due to the OEM nature of the management interface, but can help you to open ATC controlled airspace for your product, by making the UAV visible to ATC controllers. The UAV operator will be able to enter an ID code given by ATC, into the T2000UAV-L, to make the UAV uniquely identifiable. Transponder capability will make your UAV visible to TCAS operators, which affords great safety for commercial aircraft operators. The transponder will reply to all mode A and mode C interrogations, and will accept barometric altitude Gray scale (Gillham Code) data. It was designed for very low power consumption, which permits prolonged operation on battery. Can however still pulse out a 200W signal. Light at only 454g (16oz), and easy to install. Available with either a standard BNC connector or standard TNC connector loaded on the rear face of the chassis.

T2000UAV-L TNC Connector.................................P/N 11-07934 ..........................$3,517.00
T2000UAV-L BNC Connector.................................P/N 11-07935 ..........................$3,597.00

MICROAIR T2000UAV-L TRANSPONDERS

MICROAIR ANTENNA AIRKIT FOR M760

Microavionics recommends the Airkit GI ground plane independent, for use with the M760 radio, in situations where the aircraft structure does not offer a suitable ground plane. The Airkit is a completely ground independent antenna designed to be used with various applications, such as kit-build and composite aircraft. This products is not approved as a primary com antenna. Termination is provided to the industry standard BNC female and supplied with 10m of RG58CU coax cable. The Airkit antenna is one of the easiest antenna to install and has a maximum bandwidth of over 3MHz under 1.6 to 1 SWR.

4 Ft. Cable .....................................................P/N 10-06022 ..........................$180.75
10 Ft. Cable .....................................................P/N 10-06022 ..........................$180.75

MICROAIR ANTEA A HUB – BLUE SKY

HAWKEYE 7200A SATCOM TRACKER

Blue Sky Network’s HE7200A and SkyRouter, the industry leading cloud-based web portal, meets or exceeds the International Civil Aviation Organization (ICAO) Global Aeronautical Distress Safety System (GADSS) required performance criteria for Transport Aircraft. Blue Sky Network can provide Operators with a “best-of-breed” complete ICAO GADSS solution to meet the expected requirements. This flexible platform will allow remote seamless upgrades to onboard hardware as the evolution of performance based criteria changes. The uniquely small form factor was designed to allow the unit to replace the required #2 ELT (a pending ICAO proposal), while still taking advantage of the three installed wires to the cockpit.

Specifications: • Operating Temperature: -30 °C to +70 °C • Operating Humidity: ≤ 75 % Relative Humidity • Storage Temperature: -40 °C to +85 °C • Storage Humidity: ≤ 93 % Relative Humidity • Storage Temperature: -40 °C to +85 °C • Storage Humidity: ≤ 93 % Relative Humidity • Operating Voltage Range: 10 - 32 VDC • Input Power (max): 15W • Dimensions: 5.5” x 5.61” x 1.6” .........................................................P/N 11-15234 ..........................$5,454.00

HAWKEYE 7200G GPS TRACKING DEVICE

The portable HawkEye 7200 (HE7200) is packed with advanced features that make it the perfect Iridium SATCOM solution for on-the-go global asset tracking and communication even from your iPhone or iPad with built-in Bluetooth. Fly with it, take it with you in your vehicle, or jump on-board your ship; the HE7200 is the perfect portable companion for pinpoint tracking, reliable communication and maximum personal security. A true multi-functional GNSS receiver plus Iridium give the HawkEye 7200 (HE7200) a definitive edge in TTF (time to first fix) and global positioning accuracy.

P/N 11-15238 .................................................$1,259.00

HAWKEYE 100A DIALER AND BT INTERFACE FOR HE 7200A

Hawkeye 100A is a companion dialer and Bluetooth Interface for the HE7200A SATCOM Device. The HawkEye 100A adds voice capability, and connection to Blue Sky Network Bluetooth-enabled iOS Apps for messaging and forms...

P/N 11-15235 .................................................$2,718.00

MICROAIR – APPROACH HUB – BLUE SKY

BLUE SKY NETWORK BLUE SKY NETWORK

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Prices Subject to Change Without Notice - Valid as of June 1, 2023.
This 3rd generation PMA450 has two completely independent Bluetooth® devices at the same time. Three different configurations can be selected from the front panel, such as how the music is distributed, the way the intercom functions, and selecting the new Monitor Function. P/ N 11-10773 $1,895.00

PS ENGINEERING AUDIO PANELS

PSA8000C AUDIO PANEL

The front-mounted, 2.5mm multipurpose jack gives pilots unprecedented access to their audio panel. Connect any Bluetooth® enabled phone into the audio panel for unprecedented amount of flexibility, both for phone calls as well as music streaming. It may also be possible to connect two different Bluetooth® devices at the same time. Three different configurations can be selected from the front panel, such as how the music is distributed, the way the intercom functions, and selecting the new Monitor Function. P/ N 11-10773 $1,895.00

PMA450B AUDIO PANEL

The PMA450B is the next step in connectivity, with more Bluetooth® capability than any other audio panel available today. When coupled with PS Engineering’s innovative approach to audio control, this user friendly PMA450B gives pilots more of what the pilot wants from their audio panel, the central nervous system of their avionics suite. This 3rd generation PMA450 has two completely independent Bluetooth® modules, giving unprecedented connectivity capabilities. The PMA450B has the ability to work like no other panel available. Stream to a digital video camera, hear Foreflight® alerts, make a phone call to ATC for your IFR clearance, you might even listen to your favorite tunes once in a while. PMA450B also adds flightmate®. This integrated audio alert system gives the pilot the ability to hear alerts related to aircraft conditions. With Marker Beacon…………………………P/ N 11-16294 $2,595.00 With Marker Beacon…………………………P/ N 11-16296 $2,570.00

PMA 8000B AUDIO PANEL

Front-mounted, 2.5mm multipurpose jack gives pilots unprecedented access to their audio panel, allowing connections to cell phones, portable music devices, or audio announcements directly into the audio panel. 6 user configurations that are front panel selectable. Original Karaoke® Mode™ is now switched by pressing the front panel “KAR” button, allowing the music to be placed in the background while interruptions to the music will be eliminated. Pilot can receive and transmit on the selected VHF COM with ATC as well, for seamless integration in the cockpit. (Cellular telephone use in flight is not permitted, but remains a convenient and safe way to contact air-traffic control or a weather briefer while on the ground.) Six different configurations can be selected from the front panel. Internal Recording System (IRS) is now standard equipment. Backward compatible with the PMA 8000. Note: Like other side radios, this panel jack is restricted to 12 volts DC, 500 watts. Specifications: Height: 1.3 inches, Width: 6.25 inches, Depth: 7.15 inches, Weight: 1.34 pounds, Power Required: 12 to 24 VDC, Warranty: 3 Years, Unit is TSO'D. PMA 8000Vertical Mount/Bluetooth ..........................P/ N 11-13659 $1,895.00

PMA 7000B/7000H/7000M AUDIO PANEL

Note: Plug & Play slide-in replacement for the PMA7000M, the PMA 6000M-S, and the KMA28. Pin-compatible with the KMA 24. Nice for upgrading an existing Bendix/King KMA 24 audio panel. KMA 24 pin connector remains going to the KMA 24. Sub-d connector on the back of the 7000 family. Digitally advanced with the addition of IntelliVox® automatic Voice Operated Relay (VOX) intercom system. Provides 3-com capability with the option to easily convert Com 3 to a full duplex cellular telephone interface. Also has the pioneered “Split Mode” allows the pilot to be on Com 1 while the copilot is on Com 2. Also expandable to accommodate up to 12 places (10 passengers) with the addition of the 11606 IntelliPax. Has four un-switched and un-muted inputs. • Height: 1.3 inches • Width: 6.25 inches • Depth: 6.8 inches • Weight: 1.5 inches • Power Requirements: 12 to 24 VDC • Warranty: 2 Years • Unit is TSO'D. PMA 7000B Bluetooth/Marker Beacon………………P/ N 11-13149 $1,695.00 PMA 7000H Audio Panel…………………………P/ N 11-07001 $2,099.00 PMA 7000M Mono IntelliVox Marker…………….P/ N 11-13425 $1,495.00 PMA 7000H-CVR ........................................P/ N 11-14369 $2,099.00 PMA 7000HBT Hell. Bluetooth……………………..P/ N 11-19713 $2,395.00

Ps Engineering audio panels and intercoms can be sold over the counter, but must be installed by the installer for the warranty on the unit is void. Harnesses can be ordered from Ps Engineering direct or when ordering from Aircraft Spruce.

PAR 200B AUDIO PANEL WITH COM RADIO

The PAR200B is a full-feature audio selector panel with a 4-place stereo IntelliVox® (completely automatic VOX system) intercom and Bluetooth® interconnectivity. The VHF radio is remotely mounted to minimize the amount of panel space required. It also includes a built-in 10 Watt Speaker Amplifier. Another major highlight is the addition of IntelliAudio®. This true dimensional sound system allows the pilot to pay attention to the radio that is important at any instant in time. This makes it much easier for the pilot to copy the weather while being able to identify his tail number. When in contact, he hears ATC, then identifies the call. When not on contact, the pilot can hear the aircraft. PS Engineering has included the highly lauded Bluetooth® technology. The pairing of phones or Bluetooth® enables audio devices is easily achieved for wireless entertainment. Telephone calls can be distributed in three different ways (as determined by the IC/CS switch). The pilot can call, the crew can make a call, or all on board can be in on the conversation. The PAR200B uses the same tray and connector as the GMA240, GMA340, GMA8000 series……………………..P/ N 11-17542 $3,095.00

MB 10 MARKER BEACON RECEIVER

MB 10 is a 3-light 75 MHz Marker Beacon receiver and indicator. This provides the necessary Marker Beacon lights and audio indications necessary for proper operation of the ILS approach. Includes a switch labeled Hi/Low/TST which allows the pilot to select high or low sensitivity as well as test and mute modes • Height: .95 inches • Width: 2.80 inches • Depth: 4.85 inches • Warranty: 1 year • Unit is TSO'D. Standard………………………P/ N 11-05507 $2,195.00

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Prices Subject to Change Without Notice - Valid as of June 1, 2023.
RAM CRADLE FOR SPOT 4

The form-fitting, high-strength composite RAM EZ-Roll'r™ cradle for the SPOT Gen4™ allows the attachment of RAM® components containing the universal AMPS hole pattern making it the ideal GPS mount for SPOT Gen4™. With the device in the cradle, all buttons and the power port remain fully accessible. The RAM® EZ-Roll'r™ cradle for the SPOT Gen 4 is compatible and interchangeable with a wide range of RAM® diamond ball bases. Included is a set of two nuts and bolts.

RAM X-GRIP RUBBER CAP 4-PACK REPLACEMENT

The RAM-UNCAP-4U consists of four black post caps that fit all versions of the RAM X-Grip®. Optional super glue is included to offer extra security for these rubber cap accessories.

RAM EZ ROLLER CRADLE FOR THE IPAD MINI 4 / 5 WITH BALL

The RAM-B-202-AP20U consists of a 2.5" round base adapter, with 1" ball, attached to a high strength composite cradle. The cradle includes a patient roller design allowing for smooth placement and removal of the iPad, while keeping it secure while on the go. Compatible and interchangeable with a wide range of popular RAM Mounting products, this cradle is ready to compliment your iPad and become the most useful accessory in your vehicle. Included is a set of four nuts and bolts to connect to any RAM components or mounts that contain the universal AMPS hole pattern.

RAM UNPKD RAM DOUBLE 1" BALL ADAPTER

The RAM-B-230, double ball joiner, consists of a 1" rubber ball on both ends, that allow the interchangeable use of two 1" socket arms. When measured from ball center to ball center the arm length is 1.75". This mount is ideal if your mount arm is just too short.

RAM AVIONICS NAV 2000 VHF RECEIVER

This professional grade device is a component of the COM 2000 series of dual concentric knob controls, deployed active and standby frequency with push button flipflop, 15 memory locations with user-defined alphanumeric channel identifiers and a manual squelch control. It's 3/8" character display is easy to read from angles and in any lighting condition. This mighty little radio's all metal construction is designed to serve all your communication needs well into the future. • Large 3/8" display character • 8 watt transmitter • 1 inch high and 9 inches long • Dual concentric knob controls • 15 memory locations with user-defined alphanumeric channel identifiers • Non-volatile memory • Manual squelch control • All machined aluminum construction • RS232 interface • Photo cell dimming.
DOUBLE SOCKET MOUNTING SYSTEM
Choose from a selection of holders, socket arms and ball bases to build a custom mount for your specific aircraft. Additional bases may be chosen so that your mount can support multiple devices, or can be transferred to alternate mounting locations.

1. **CHOOSE A HOLDER**

- Form-Fit Cradle for Apple iPhone 12 Pro Max & 13 Pro Max
  P/N 11-18864
  $13.50

- RAM® X-Grip® Universal Phone Holder with Ball
  P/N 11-09777
  $33.50

- RAM® X-Grip® Large Phone Holder with Ball
  P/N 11-12987
  $35.50

- RAM® Quick-Grip™ Universal Phone Holder with Ball
  P/N 11-19215
  $23.50

- RAM® EZ-Roll’r™ Cradle with Ball for Apple iPad mini 6
  P/N 11-19101
  $19.85

2. **CHOOSE AN ARM**

   For holders with a ball

- Short Arm
  P/N 11-03458
  $16.50

- Medium Arm
  P/N 11-01255
  $15.80

- Long Arm
  P/N 11-09323
  $25.75

   For holders without a ball

- Short Arm
  P/N 11-19223
  $20.50

- Medium Arm
  P/N 11-19221
  $21.90

- Long Arm
  P/N 11-19222
  $30.85

3. **CHOOSE A BASE**

- Drill-Down Base
  P/N 11-07069
  $9.80

- RAM® Yoke Clamp Base with Ball
  P/N 11-00484
  $26.50

- RAM® Twist-Lock™ Dual Pivot Suction Cup Base with Ball
  P/N 11-18174
  $57.75

- RAM® Twist-Lock™ Suction Cup Base with Ball
  P/N 11-06449
  $21.50

- RAM® Large Strap Hose Clamp Base for Beechcraft Bonanza Airplanes
  P/N 11-09763
  $19.75

- RAM® Glare Shield Clamp Ball Base
  P/N 11-09852
  $29.50

- RAM® Yoke Clamp Base with Ball for Pilatus PC-12NG
  P/N 11-12937
  $57.95
IPAD MINI 6 SOLUTIONS
The newest and most exciting iPad yet just got the support it needed. RAM® Mounts carries the necessary holders for the new iPad mini 6, including the form-fitting RAM® EZ-Roll'r™ cradle, the RAM® Tab-Tite™ holder, and the RAM® X-Grip® for cased iPad mini 6's.

HOLDERS

- RAM® EZ-Roll'r™ Cradle for Apple iPad mini 6
  P/N 11-19101
  $19.85

- RAM® Tab-Tite™ Spring Loaded Holder for 7" Tablets
  P/N 11-09766
  $26.95

- RAM® Tab-Tite™ Universal Spring Loaded Holder for 8" Tablets w/ Case
  P/N 11-12269
  $24.50

- RAM® X-Grip® Universal Holder for 7"-8" Tablets with Ball
  P/N 11-11248
  $42.50

* Can Charge Apple Pencil While in Holder

YOKE MOUNTS

- RAM® EZ-Roll'r™ Cradle with Yoke Clamp Mount
  P/N 11-19217
  $71.75

SUCTION CUP MOUNTS

- RAM® Twist-Lock™ Suction Cup with EZ-Roll'r™
  P/N 11-19224
  $63.25

KEYBOARD MOUNTS

- RAM® Tab-Tite™ with Kneeboard Mount
  P/N 11-19219
  $49.95

TABLET HOLDERS RAM® EZ-ROLL'R™
These form-fit holders are designed to fit your device perfectly for a low-profile mounting solution. The patented roller design allows for easy docking and removal of the tablet without fumbling around. Modified versions of these holders include combo and key-locking features for theft deterrence as well as a holder for the Apple Pencil.

- RAM® EZ-Roll'r™ Cradle for Apple iPad Pro 11" (1st - 3rd Gen), Air 4 and 5
  P/N 11-17593
  $26.50

- RAM® EZ-Roll'r™ Cradle for Apple iPad 7th, 8th & 9th Gen
  P/N 11-18368
  $22.70

- RAM® EZ-Roll'r™ Cradle for Apple iPad Pro 12.9" 3rd Gen
  P/N 11-18173
  $27.80

- RAM® EZ-Roll'r™ Cradle for Apple iPad 12.9" & iPad Pro 10.5
  P/N 11-18889
  $20.55

- RAM® EZ-Roll'r™ Cradle for Apple iPad mini 4 & 5
  P/N 11-14148
  $17.90

- RAM® EZ-Roll'r™ Cradle for Apple iPad mini 4 & 5
  P/N 11-14148
  $22.75

- RAM® EZ-Roll'r™ Cradle for Apple iPad Pro 12.9
  P/N 11-14777
  $28.75

RAM® X-Grip®
The RAM® X-Grip® for tablets is the most durable universal holder on the market. The spring-loaded arms expand and contract to provide a perfect fit for your tablet with or without a case. Available for tablets of all sizes, the RAM® X-Grip® holder secures your device from all angles while keeping it completely functional and accessible. No matter what mounting base you pair the RAM® X-Grip® with, the RAM® ball and socket technology allows for near-infinite adjustability and extends the life of your tablet with vibration damping capabilities.

- RAM® X-Grip® Universal Holder for 7"-8" Tablets with Ball
  P/N 11-11248
  $42.50

- RAM® X-Grip® Universal Holder for 9"-10" Tablets
  P/N 11-11239
  $82.90

- RAM® X-Grip® Universal Holder for 11"-12" Tablets
  P/N 11-14778
  $79.80

For 11"-12" Tablets
P/N 11-14778
$79.80
PHONE HOLDERS RAM® X-GRIP®
The RAM® X-Grip® is the most durable universal phone holder on the market. The spring-loaded arms expand and contract to provide a perfect fit for your phone with or without a case. Available for cellphones of all sizes, the RAM® X-Grip® cradle secures your device while keeping it completely functional and accessible. No matter what mounting base you pair the RAM® X-Grip® with, the RAM® ball and socket technology allows for near-infinite adjustability and extends the life of your phone with vibration damping capabilities.

FORM-FIT PHONE HOLDERS
These high-strength composite, form-fit cradles were designed specifically for the Apple and Samsung devices. Allowing for one-handed docking and removal, all buttons, cameras, ports, and speakers are left exposed. With the two-hole AMPS pattern on the back of each cradle, attach to a RAM® diamond ball base and additional RAM® components.

Compatible and interchangeable with a wide range of popular RAM® mounting products

Minimum Width: 1.875"  Maximum Width: 3.25"

RAM® X-Grip® Universal Phone Holder with Ball
P/N 11-09777
$33.50

RAM® X-Grip® Large Phone Holder with Ball
P/N 11-12987
$35.50

RAM® Form-Fit Cradle for Apple iPhone 11
P/N 11-19008
$12.50

RAM® Form-Fit Cradle for Apple iPhone 11 Pro
P/N 11-19198
$12.99

RAM® Form-Fit Cradle for Apple iPhone 12 & 12 Pro
P/N 11-18860
$14.50

RAM® Form-Fit Cradle for Apple iPhone 12 & 13 Pro Max with Ball
P/N 11-19216
$16.50

RAM® Form-Fit Cradle for Apple iPhone 12 Pro Max & 13 Pro Max
P/N 11-18864
$13.50

RAM® Form-Fit Cradle for Apple iPhone 11 Pro
P/N 11-19199
$12.50

RAM® Form-Fit Cradle for Apple iPhone 11 Pro Max
P/N 11-19198
$12.99

RAM® Form-Fit Cradle for Apple iPhone 12
P/N 11-18860
$14.50

RAM® Form-Fit Cradle for Apple iPhone 13 Pro Max
P/N 11-19216
$16.50

RAM® Form-Fit Cradle for Apple iPhone 12 & 13 Pro Max
P/N 11-18864
$13.50

RAM® Form-Fit Cradle for Apple iPhone 12 Pro Max & 13 Pro Max
P/N 11-19199
$12.50

RAM® Form-Fit Cradle for Apple iPhone 11 Pro Max
P/N 11-19198
$12.99
RAM INTELLISKIN CHARGERS & DOCKS

RAM INTELLISKIN SNAP-CON™ GDS TO MICRO USB
The Snap-Con™ GDS to Micro USB 2.0 Adaptor is an essential accessory for any IntelliSkin™ or other GDS® compatible device. This accessory enables on the go charging and data connectivity of any GDS® compatible device, including devices wrapped in IntelliSkin™, using an included Micro USB 2.0 cable. P/N 11-15488 $31.75

RAM INTELLISKIN GDS 6 PORT USB CHARGER 60W 110V-240V
The GDS® Intelligent 6-Port USB Charger works with the GDS® 6 Gang Desktop Dock to simultaneously charge six unique devices enclosed in IntelliSkin™ cases. Up to six USB ports connect to the back of the Desktop Dock and plug into the USB Charger. P/N 11-15492 $54.75

RAM INTELLISKIN DESKTOP GDS DOCK ADJUSTABLE BACK
The Adjustable GDS® Desktop Charger is a low profile docking station that is ideal for the office, warehouse, classroom, exam room or other stationary location. This dock integrates a unique adjustment feature to accommodate a wide range of device thicknesses. P/N 11-15495 $92.95

RAM INTELLISKIN GDS LOCK APPLE IPAD MINI 3
The RAM® vehicle dock with GDS Technology™ is a spring loaded, quick release cradle that offers a secure fit with easy access to the mounted tablet. This docking station is compatible with the Apple iPad Mini 3 with IntelliSkin™. P/N 11-15496 $134.99

RAM INTELLISKIN VEHICLE GDS LOCK APPLE IPAD MINI 4
The RAM® vehicle dock with GDS Technology™ is a spring loaded, quick release cradle that offers secure fit with easy access to the mounted tablet. This docking station is compatible with the Apple iPad Mini 4 with IntelliSkin™. P/N 11-15497 $134.75

RAM INTELLISKIN VEHICLE GDS LOCK APPLE IPAD AIR 2
The RAM® vehicle dock with GDS Technology™ is a spring loaded, quick release cradle with a keyed lock that offers a secure fit with easy access to the mounted tablet. This docking station is compatible with the Apple iPad Air 2 and 5th Generation with IntelliSkin™. P/N 11-15499 $135.75

RAM INTELLISKIN GDS TOP CUP VEHICLE DOCK APPLE IPAD MINI 2
The RAM-GDS-DOCKT-AP8U includes the top docking cup and necessary hardware for converting your existing GDS® Vehcile Dock to support the Apple iPad mini 2 & 3 with IntelliSkin™. Without having to purchase a brand new vehicle dock, this top cup allows you to modify your existing dock to work with your new IntelliSkin™ device. P/N 11-15500 $12.65

RAM INTELLISKIN GDS TOP CUP VEHICLE DOCK APPLE IPAD MINI 4
The RAM-GDS-DOCKT-AP7U includes the top docking cup and necessary hardware for converting your existing GDS® Vehcile Dock to support the Apple iPad mini 4 with IntelliSkin™. Without having to purchase a brand new vehicle dock, this top cup allows you to modify your existing dock to work with your new IntelliSkin™ device. P/N 11-15502 $13.50

RAM INTELLISKIN GDS TOP CUP VEHICLE DOCK APPLE IPAD AIR 2
The RAM-GDS-DOCKT-AP8U includes the top docking cup and necessary hardware for converting your existing GDS® Vehcile Dock to support the Apple iPad Air 2 with IntelliSkin™. Without having to purchase a brand new vehicle dock, this top cup allows you to modify your existing dock to work with your new IntelliSkin™ device. P/N 11-15503 $13.50

RAM INTELLISKIN GDS TOP CUP VEHICLE DOCK APPLE IPAD PRO 10.5
The RAM® Vehicle Dock with GDS Technology™ is a spring loaded, quick release cradle that offers a secure fit with easy access to the mounted tablet. This docking station is compatible with the Apple iPad Pro 10.5 with IntelliSkin™. Note: This version of the GDS® vehicle dock is not recommended for light, medium or heavy duty commercial vehicles. P/N 11-15504 $86.75

RAM INTELLISKIN GDS TOP CUP VEHICLE DOCK APPLE IPAD MINI
The RAM® vehicle dock with GDS Technology™ is a spring loaded, quick release cradle that offers a secure fit with easy access to the mounted tablet. This docking station is compatible with the Apple iPad mini 2/3 with IntelliSkin™. Note: This version of the GDS® vehicle dock is not recommended for light, medium or heavy duty commercial vehicles. P/N 11-15505 $84.75

RAM INTELLISKIN GDS TOP CUP VEHICLE DOCK APPLE IPAD MINI
The RAM® vehicle dock with GDS Technology™ is a spring loaded, quick release cradle that offers a secure fit with easy access to the mounted tablet. This docking station is compatible with the Apple iPad mini 4 with IntelliSkin™. Note: This version of the GDS® vehicle dock is not recommended for light, medium or heavy duty commercial vehicles. P/N 11-15506 $85.75

RAM INTELLISKIN GDS TOP CUP VEHICLE DOCK APPLE IPAD PRO 10.5
The RAM® vehicle dock with GDS Technology™ is a spring loaded, quick release cradle that offers a secure fit with easy access to the mounted tablet. This docking station is compatible with the Apple iPad Pro 10.5 with IntelliSkin™. The IntelliSkin™ is a protective sleeve featuring GDS Technology™ for the Apple iPad Pro Generation with IntelliSkin™. Available for the Apple iPad Pro Generation (9.7" screen). The IntelliSkin’s integrated GDS connector is molded directly into the skin, preventing damage to your device’s charging port from repetitive docking. Compatible with a variety of GDS Docks. P/N 11-15510 $68.99

RAM INTELLISKIN GDS TOP CUP VEHICLE DOCK APPLE IPAD MINI
The RAM® vehicle dock with GDS Technology™ is a spring loaded, quick release cradle that offers a secure fit with easy access to the mounted tablet. This docking station is compatible with the Apple iPad Pro 10.5 with IntelliSkin™. The IntelliSkin™ is a protective sleeve featuring GDS Technology™ for the Apple iPad Pro Generation with IntelliSkin™. Available for the Apple iPad Pro Generation (10.5" screen). The IntelliSkin’s integrated GDS connector is molded directly into the skin, preventing damage to your device’s charging port from repetitive docking. Compatible with a variety of GDS Docks. P/N 11-15511 $71.80

RAM INTELLISKIN GDS TOP CUP VEHICLE DOCK APPLE IPAD AIR 2
The RAM® vehicle dock with GDS Technology™ is a spring loaded, quick release cradle that offers a secure fit with easy access to the mounted tablet. This docking station is compatible with the Apple iPad Pro 10.5 with IntelliSkin™. The IntelliSkin™ is a protective sleeve featuring GDS Technology™ for the Apple iPad Pro Generation with IntelliSkin™. Available for the Apple iPad Pro Generation (10.5" screen). The IntelliSkin’s integrated GDS connector is molded directly into the skin, preventing damage to your device’s charging port from repetitive docking. Compatible with a variety of GDS Docks. P/N 11-15512 $59.75

RAM INTELLISKIN GDS TOP CUP VEHICLE DOCK APPLE IPAD MINI
The IntelliSkin™ is a protective sleeve for the Apple iPad Mini featuring GDS Technology™. The IntelliSkin™ will bring drop protection to your device and features an integrated connector which is molded directly into the skin. This prevents damage to the connector on your device from repetitive docking and un-docking. P/N 11-15513 $58.99

RAM INTELLISKIN GDS TOP CUP VEHICLE DOCK APPLE IPAD AIR 2
The IntelliSkin™ is a protective sleeve for the Apple iPad Air 2 featuring GDS Technology™. The IntelliSkin™ will bring drop protection to your device and features an integrated connector which is molded directly into the skin. P/N 11-15514 $71.99

RAM INTELLISKIN GDS TOP CUP VEHICLE DOCK APPLE IPAD PRO 10.5
The RAM® vehicle dock with GDS Technology™ is a spring loaded, quick release cradle that offers a secure fit with easy access to the mounted tablet. This docking station is compatible with the Apple iPad Pro 10.5 with IntelliSkin™. The IntelliSkin™ is a protective sleeve featuring GDS Technology™ for the Apple iPad Pro Generation with IntelliSkin™. Available for the Apple iPad Pro Generation (10.5" screen). The IntelliSkin’s integrated GDS connector is molded directly into the skin, preventing damage to your device’s charging port from repetitive docking. Compatible with a variety of GDS Docks. P/N 11-15511 $71.80

Prices Subject to Change Without Notice - Valid as of June 1, 2023.
GX PRO AUTOPILOT
This pro Pilot autopilot product, the GX PRO, is designed for use with the Garmin G3X EFIS System. It is available in two models:
GX PRO Instrument Mount • It mounts in a standard 3-1/8” instrument cutout. When driven by a G3X EFIS, it has full GPSS and GPSV capability without the need for an ARNIC 429 data interface, thus lowering the cost substantially. Includes 2 servos and servo installation kit. P/N 11-09714 .......$2,995.00

EZ PILOT AUTOPILOT • A single axis, gyro stabilized roll control autopilot. It is a modern navigation system designed to accurately track a GPS flight plan or “Go To” course that is entered into a handheld or panel mount GPS receiver. Track, Course (similar to a heading bug), and Intercept modes are available to the pilot. Pilot Command Steering simplifies course changes. Full data display of all GPS input data. Fits standard 3-1/8” instrument cutout. Length: 3”. Weight – Control Head: 6 ounces/ 169 grams Gold Standard Servo: 27 ounces/ 765 grams ......P/N 11-06547 ......$1,995.00

PRO PILOT AUTOPILOT • A GPS enabled autopilot that provides high-quality 2 axis navigation solutions for Experimental and LSA aircraft. It uses solid-state MEMS gyros for pitch and roll stability. Horizontal and Vertical functions may be individually enabled. Horizontal navigation provides three modes of control – Track, Course and Intercept. Vertical navigation functions offer Altitude Hold, Climb/Descent with Airspeed Limiting, and Altitude Pre-Select. Multi-color LEDs and a bright PLED display screen provide a clear picture of functions and displayed data (LCD screen available upon request). A slip-skid indicator and a turn rate display duplicate the functions of a standard turn rate coordinator. Advanced Safety Features – “G” force limiting, automatic servo disconnect on takeoff, “intelligent” servos with independent emergency disconnect authority, horizontal Track Offset Positioning, and Trio’s “automatic 180 degree turn” feature (for VFR pilots encountering poor weather). Fits a standard 3-1/8” instrument cutout. Length: 6”. Weight – Control Head: 12 ounces/340 grams Each Servo: 27 ounces/ 765 grams. Fuel Management and Auto trim, included in the price. P/N 11-06548 ......$1,995.00

EZ-3 ALTITUDE CONTROL • The EZ-3 incorporates all of the features of the EZ-2 and adds the ability to pre-select a destination altitude. Once engaged, the system will initiate a climb/descent to the target altitude at a vertical speed that the pilot has previously specified. The vertical rates may be adjusted at any time during the climb/descent. The internal altimeter is easily adjusted to compensate for changes in barometric pressure, using the primary aircraft altimeter as a reference. Features: • Altitude PreSelect • Set Target Altitude • Fully Adjustable Climb/Descent Rates • Pilots may also use PCS (Pilot Command Steering) to Transition to “Climb/Descent on Airspeed” at any time. • Smooth Intercept of Target Altitudes. ......P/N 11-06552 ......$1,895.00

Auto-Trim option for existing aircraft electric pitch trim system - P/N 11-06549 ......$1,050.00

GPS/GPSV Option P/N 11-08554 ......$500.00

Pro Pilot Rack Mount P/N 11-08556 ......$3,285.00

Fuel Management Option Software • Option for the Pro Pilot allows the pilot to view multiple fuel parameters. P/N 11-08557 ......$795.00

Wiring Harness P/N 11-13465 ......$235.95

COMMANDER 2900 KLN-900 DOCKING STATION
The Commander 2900K is Lone Star Aviation’s Docking Station for BENDIX/KING/HONEYWELL KLN 900 DZUS-mounted GPS. The portable docking station is designed to let you explore the KLN 900 features in a non-flying environment...in the comfort of your home or office. Operation is simple and fast, just slide your KLN 900 into the Commander’s Tray and you are ready to go. P/N 11-04911 ......$449.95

COMMANDER GARMIN GNS-430/530
Lone Star Aviation’s Docking Station for Garmin’s GNS 430/530 Flight Management System. The Commander is a portable Docking Station designed to let you explore the Garmin GNS 430/530 features in a non-flying environment. Features: • Simulate your route of flight and published approaches • Access sid and stars • Program and store flight plans • Simulate approaches • Enter and store waypoints • Reduce your learning curve • Operating your GNS430/530 in flight will become automatic.

GNS-430 ......................................................P/N 11-04864 ......$329.95
GNS-530 ......................................................P/N 11-04866 ......$329.95

COMMANDER 2900 TRIMBLE 2101 24VOLT
Lone Star Aviation’s Docking Station for the Commander 2900 2101/ CUGR GPS System is designed to allow you to explore the FreeFlight Systems 2101/CUGR features in a non-flying environment. Ideal for Guard Units, EMS, Law Enforcement, DEA, Boarder Patrol, etc. staff training. Unit does not include cable ......P/N 11-04926 ......$449.95

COMMANDER STATION FOR C-5000
Lone Star Aviation’s Commander Station has been designed for the Wulfsberg C-5000 Control Head equipment so that the pilot can practice GPS, control head functionality at his or her own pace in a non flying environment. The 1 port cooling fan ( LS03-02013) plugs into the rear accessory panel and provides 6-8 CFM of cooling to the C-5000 receiver. P/N 11-04928 ......$399.95

ACCESSORIES
EZ Pilot Harness Assembly P/N 11-06702 ......$118.75
EZ Altitude Control Harness Assembly P/N 11-06703 ......$125.00
ProPilot AutoPilot Harness Assembly P/N 11-06704 ......$249.95
Gold Standard Servo P/N 11-06705 ......$795.00

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Prices Subject to Change Without Notice - Valid as of June 1, 2023.
COMANDER GMA-350 DOCKING STATION
Brand New from Lone Star, Commander GMA-350 Docking station designed for one of Garmin’s new exciting products. Comes with everything you will need to run your GMA-350.
P/N 11-10595 ........ $399.95

COMANDER GTN-650 DOCKING STATION
Brand New from Lone Star, Commander GTN-650 Docking station designed for one of Garmin’s new exciting products. Comes with everything you will need to run your GTN-650, including a chassis mounted avionics cooling fan.
P/N 11-10593 ........ $349.95

COMANDER GTN-750 DOCKING STATION
Brand New from Lone Star, Commander GTN-750 Docking station designed for one of Garmin’s new exciting products. Comes with everything you will need to run your GTN-750, including a chassis mounted avionics cooling fan.
P/N 11-10594 ........ $349.95

COMANDER 2000K
Pre-wired in the “take home” mode. Simply slide your KLN90A/B, KLN89/B, KLN35 Series, and KLX-135 Series GPS or GPS-COM, into the tray and explore your GPS receiver as if you were flying. Practice actual flight or approach at home, store flight plans, and learn all of your units functions. Update your units database via the internet using a desktop or laptop computer & save up to $300/year. Appropriate connector is shipped free via UPS Blue Label from the factory. Additional connectors, cooling fan, Argus and moving map interface available.
2000K Station .............................................. P/N 11-18478 ...........
2000K 220VAC ............................................ P/N 11-04876 ...........

TRANS-CAL EET-200 ENCODER EMULATOR TESTER
The EET-200 provides the avionics technician a clean, quick and reasonably priced method of emulating an altitude encoder output by providing a known good altitude code source to aid in isolating each data bit D2 through C4. Simply unplug the altitude encoder and substitute the EET-200; rotating the knob will move the transponder through a variety of preprogrammed altitudes testing each data bit in sequence............. P/N 11-09606 ........ $399.00

TRANS-CAL ATS-400 ALTITUDE DIGITIZER
The Trans-Cal Model ATS-400 is designed to test, display and simulate the output of Altitude Reporting Equipment, which conform to the ICAO Standard for SSR Pressure Altitude Transmission. In accordance with the U.S. National Standards for I.F.F. Mark X (SIF)/Air Traffic Control Radar Beacon System SIF/ATCRBS. The ATS-400 will also display the output of altitude reporting equipment which transmit serial data in either RS232, RS422, RS485 or ARINC 429 Label 203. The ATS-400 may be used in the aircraft or on the bench making this an extremely versatile piece of test equipment.
Specifcations: Electrical:
• Input Voltage +7.5 to 35Vdc
• Input Current 400mA Max.
• Internal Fuse 2A fast blow............. P/N 11-09607 ........ $1,829.00

LEGACY XL REPLACEMENT STATIONARY PANEL KIT FOR CESSNA 172

The Legacy XL Panel Kit by Six Pack Aero is the first and only STC’d replacement stationary panel built with future upgradability in mind.

Legacy Layout:
The Legacy Layout features your standard T configuration, otherwise known as your pilot’s six pack. The pilot side panel is configured for six standard gauges, with room for 4 additional 3-1/8” gauges and up to 3 additional 2-1/4” gauges. The co-pilot side panel features the stock flap gauge, and a standard radio stack open is available for the center. Contact Six Pack Aero about options to customize this cover panel layout.

Dyon Layout:
The Dyon Layout is formatted to accommodate a 10” Dyon Skyview display with the accompanying D-10A standby instrument. The co-pilot panel is formatted to hold a 7” Skyview display. The center radio stack is formatted for three Dyon knobs and button panels, and a GPS navigator and/or nav/comm radio. Contact Six Pack Aero about options to customize this cover panel layout.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
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<tr>
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<td>Garmin</td>
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<td>Dyon</td>
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</table>

Prices Subject to Change Without Notice - Valid as of June 1, 2023.
POINTER 3000 SERIES ELTS

The Model 3000 (AF/AP) and 3000 (AF) which have been in production for twenty years are now revised to incorporate the upgrades of RTCA DO-183 for emergency locator transmitters. The new models, designated 3000-10 (AF/AP) and 3000-11 (AF) are interchangeable with existing units in form, fit and function. The 3000-10 and 3000-11 transmitters incorporate an alkaline battery pack specifically designed to endure the short term extreme thermal variations and mechanical shock requirements of RTCA DO-183. Installed weight is 2.0 lbs. Emergency voice transmission is provided on the 3000-10 transmitter if desired.

Size: 3 Size: 3 1/2"W x 7 5/8"H x 2-3/4"D

(Application) P/N 3000-10 ……………………….. $565.00
Auto Fixed …………………………………………P/N 3000-11 ……………………….. $557.00

Accessories:

Merl Battery pack, 2-year Alkaline………………P/N 11-17950 ……………………….. $31.50
Pointer Battery Pack………………………………P/N 2020 ……………………….. $49.95
Mounting bracket assembly…………………………P/N 2017 ……………………….. $72.65
Master switch guard kit……………………………..P/N 2021 ……………………….. $20.50
2019-10 Remote switch kit…………………………P/N 11-05889 ……………………….. $89.85
Fixed (remote whip) antenna…………………………P/N 3001 …………………… $84.85
Coaxial antenna cable………………………………P/N 3002 ……………………….. $52.75

Telescopic antenna for 3000/4000 ELT w/ether

P/N 2006 ……………………….. $66.75
2006-10 Telescope Antenna with Lanyard for 3000/4000 ELT w/ether

P/N 11-16604 ……………………….. $42.60

POINTER ELT 8000 SERIES

The COSPAS/SARSAT search and rescue network will continue to monitor on a voluntary basis by overflying aircraft and utilized by the current search and rescue organizations. After this date, the COSPAS/SARSAT will monitor only 406 MHz. The 406 MHz aircraft ELT, defined by COSPAS/SARSAT operational specifications, incorporates many new features and improvements for search and rescue.

To comply with the new requirements, Pointer, Inc is pleased to announce the Model 8000 series ELT. The transmitter design incorporates the functional and programming requirements of COSPAS/SARSAT specification CST.001, FAA RTCA DO-204 and TSO-C126. The Pointer ELT Model 8000 series transmits phase modulated aircraft identification data on the 406 MHz frequency to quickly identify an emergency. The unit also transmits 121.5 MHz frequency for airborne and ground search operations. Optional features include factory or field programming of the microprocessor as a separate module and internal GPS. The approval and programming requirements of COSPAS/SARSAT functional and programming requirements of COSPAS/SARSAT

Model No. Description Part No. Price
8000-1A AMP Type Plug 11-15454 $1,023.00

International Version

Model 8000-1(AF) Complete Unit 11-07545 $915.00

Description Part No. Price
Battery Pack 11-07548 $182.75
Mounting Bracket 11-07549 $59.95
Remote Switch 11-07550 $76.75
Remote Antenna 3000-15 11-07551 $108.95
Pointer Remote Antenna Cable 3002 $52.75
Bare Wire Remote Panel Switch Kit 11-15455 $89.00

ELT REPLACEMENT BATTERIES

We now offer the complete line of ELT replacement battery packs. These top quality battery packs are factory new & meet or exceed FAA TSO-C91a and are also Transport Canada approved. Request current price on any ELT replacement battery or ELT, not shown here.

NOTE: ELT Replacement Batteries are non-returnable due to shelf-life.

P/N 11-04756

<table>
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<tr>
<th>Application</th>
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<td>11-17937 $139.75</td>
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<tr>
<td>BP-1030 Pointer (2 yr.)</td>
<td>11-17950</td>
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ACK 406/121.5 MHZ E-04 ELT

The all new E-04 ELT is a direct replacement for the more than 62,000 model E-01 ELTs (by ACK) on the market today. The new E-04 fits directly into the current E-01 mounting trays and uses the same remote control panel indicator. The E-04 external antenna will utilize your current antenna mounting and wiring installations.

Features:

• Accepts GPS position input data from Bendix/King, Garmin, Nema 0183 GPS
• New antenna is swept back 20 degrees, and features a molded plastic base.
• 5 watts @ 406MHz for 24 hours, and 100 Mw @ 121.5 MHz for 48 hours.
• New simple plug in audible alert indicator.
• New lithium battery pack offers a 5 year battery life, and makes it substantially lighter. Can use Ameri-King remote panel indicator.

Retrofit Kit does not include remote

Description Part No. Price
ACK E-04 406MHz ELT Kit 11-06935 $785.00
ACK E-04 406MHz ELT Kit INTL. 11-06936 $774.00
ACK E-04 406MHz ELT Kit Canada 11-14186 $785.00
ACK E-04 Retrofit from E-01 Kit Canada 11-14185 $759.00
ACK E-01 TO E-04 Retro Fit Kit 11-06396 $759.00
ACK E-01 TO E-04 Retro Fit Kit INTL. 11-09231 $748.00
E-04 Whip Antenna 11-10465 $113.75
RPB Cable For ACK 406/121.5 MHz ELT 11-09971 $119.50
E-04RC Retrofit to Complete ELT Kit 11-15078 $61.65
Straight through ACK to Ameriking Cable for E-04 ELT 11-14707 $5.70

ACK E-04 COMMERCIAL ELT KIT

GPS capable ELT accepts Garmin aviation, Bendix/King aviation, NMEA 0183 and Arinc 429 data. Retains GPS coordinates after power is removed. Remote Fits Arinx/Varo panel cut-outs. ELT certified to the new TSO-C126B standard battery certified to TSO-C142A lithium batteries UN/DOT 8.3 lithium batteries

Description Part No. Price
ACK E-04 Commercial ELT Kit w/ 350k Antenna USA 11-13590 $1,069.00
ACK E-04 Commercial ELT Kit w/ 350k Antenna Intl. 11-13591 $1,069.00
ACK E-04 Commercial ELT Kit W/ Whip Antenna USA 11-13004 $1,016.00
ACK E-04 Commercial ELT Kit W/ Whip Antenna US 11-13005 $1,271.00
ACK E-04 Complete ELT with 350 Knot Rod Antenna USA 11-13590 $1,069.00
ACK E-04 Commercial ELT Kit With AV-300-1 Rod Antenna 11-13004 $1,565.00
ACK E-04 Commercial Elt And Battery Only (No Kit) 11-14086 $966.00
ACK E-04 Commercial ELT Kit (Canada) with Whip Antenna 11-14947 $1,163.00
ACK A30 4ft Interface Cable Assembly 11-13605 $18.50
ACK A30 Add On Wire Kit 11-13606 $5.70
ACK E-04 25 Ft Remote Cable 11-13636 $31.65
ACK E-04 Coax Cable 11-13637 $22.95
ACK E-04 Standard Remote Cable 11-09071 $19.50
ACK E-04 Hardware Placard Din Plug Audio Alert Cable 11-13639 $43.95
ACK E-04 Mounting Tray Assembly Includes Straps 11-13641 $43.85
ACK E-04 Audio Alert Indicator 11-13643 $41.75
ACK Pointer Antenna Adapter 11-13644 $62.95
ACK E-04 Mini Din Connector 11-13647 $11.50
ACK E-04 Audio Cable 11-13649 $6.85
ACK E-04 Warning Horn 11-13651 $34.75

ACCESSORIES FOR E01 ELT

ACK E-01 / E-04 Remote Switch ……………………..P/N 11-05262 ….. $45.85
ACK E-04 Replacement Battery ……………………..P/N 11-10012 ….. $273.00

Prices Subject to Change Without Notice - Valid as of June 1, 2023.

WWW.AIRCRAFTSPRUCE.COM
KANNAD INTEGRA 406AF-H ELT FOR HELICOPTERS

The new INTEGRA 406 GPS ELT is a major step forward in the development of ELT technology and aircraft safety equipment. The INTEGRA is the only ELT in the world which operates on the international 406MHz satellite search and rescue system and includes an internal GPS and 406MHz antenna, plus an internal battery. As a result of this technological breakthrough the INTEGRA offers the international flying community a number of major benefits over the standard ELT models available on the market today.

USA ........................................................P/N 11-09931  ...... $1,965.00
Canada .................................................... P/N 11-15264  ...... $1,965.00

KANNAD INTEGRA AP-H THREE FREQUENCY ELT FOR HELICOPTERS

The McMurdo Kannad Integra AP-H is the helicopter-specific version of the 3-frequency commercial aircraft portable McMurdo Kannad Integra AP. It is designed for fixed installation, but can be used as a portable by deploying the supplied portable antenna. The McMurdo Kannad Integra AP-H has all the features of the compact plus GPS and internal 406MHz antenna. Sending a distress message with GPS coordinates enables rescuers to come directly to you, rather than search the area.

P/N 11-15224  ...... $9,604.00

INTEGRA AF-H UNIT

Only ELT

Automatic Fixed ELT intended to be permanently attached to the aircraft and connected to an external antenna. Opening independently of the aircraft, the back-up antenna will transmit your position through the 406 MHz frequency to the Cospap-Sarsat search and rescue satellites. The Integra AF is designed for flat installation on fixed wing aircraft.

P/N 11-19150  ...... $1,235.00

KANNAD INTEGRA ARINC E-NAV

Provides a fail safe GPS data acquisition for the INTEGRA ELT system providing redundancy in the system with: 1) Integra internal GPS and 2) Aircraft Onboard GPS acquisition. Compatible with ARINC 429/743 databases. Size 205*100*98mm for the overall ELT system.

Description Part No. Price
Kannad Integra Arinc E-NAV 11-12326 $2,764.00
Integra Arinc E-NAV ELT AP Mount Bracket 11-12327 $743.00
Integra Arinc E-NAV ELT AF Mount Bracket 11-12328 $383.00

10 CONDUCTOR GRAY CODE TEFZEL WIRE

Excellent for carrying gray code information from the encoder to other devices that take gray code input. Instead of running individual 24AWG wires and running them in a bundle, use this handy all in one, color coded, 10 conductor cable. Sold in 1’ increments

P/N 11-04479  .......... $7.95
KANNAD 406 AF

Designed to be installed near the tail and to be connected to an outside antenna. A sophisticated “shock sensor” system will activate the ELT automatically in the event of a crash. Its small size and light weight make it ideal for general aviation. The “Mounting Bracket, 1 Strap” is not included.

**Features:**
- Optional Navigation Interface transmits GPS coordinates significantly shortening Search and Rescue response time.
- Operates without aircraft power and incorporates an internal alarm/buzzer avoiding costly installation procedures.
- Three frequency transmitter (121.5 / 243 / 406 MHz)
- Weight: (Including batteries) 2.44 lbs (1110 g) / max 2.60 lbs (1180g)

**Prices:**
- 406 AF ELT: $7,231.00
- 406 AF ELT International: $7,245.00
- 406AF Compact Inspection Kit: $88.75

KANNAD ANTENNAS

**KANNAD 1000 - AUXILIARY ANTENNA (BNC)**
- Auxiliary Whip antenna. Turns any Kannad ELT into a portable survival unit. Stores under the velcro strap of the mounting tray.

**KANNAD 650 - BLADE ANTENNA**
- Developed by RAYAN. Three frequency antenna (121.5 / 243 / 406 MHz) High performance low profile outside antenna designed for Corporate jets and airliners Applications: AF, AF-H, AS, AS-H **“High Speed” Aircraft** JTSO and TSO

**Prices:**
- P/N 11-06288: $252.95
- P/N 11-06289: $2,959.00

KANNAD ACCESSORIES

**NEMA INTEGRA E-NAV**
- Provides back-up GPS position data taken from the aircraft’s own panel mounted GPS/SPA 11-10751... $459.00

**BAT200 BATTERY REPLACEMENT**
- 6-year battery replacement kit for the 406AF compact or Integra ELTs. Includes 2 cell battery pack, replacement O-ring, desiccant pack and replacement self locking nuts. Attention: This Replacement Battery is for the 406 AF, AF-H, AP, AP-H, AS, SURVIVAL series ONLY & will NOT work with the “AF-Compact”, see Alternate Items for the Compact Replacement.

**Prices:**
- P/N 11-06296: $1,165.00

**RC102 - REMOTE CONTROL**
- Replacement control panel for ACK, AMERIKING plus Narco two wire switches and challenging locations. Front panel included in RC102 & RC100. P/N 11-07901... $265.00

**RC200 - REMOTE CONTROL**
- Outline Dimensions: 1.3 x 1.97 x 1.69 in (33 x 50 x 43 mm). 3-position red switch (ON, ARMED, TEST/RESET). D-SUB 9 pin connector with threaded locking device (UNC 4-40). The kit includes mating SUB-D9 connector for easier installation. Applications: AF- Compact, AF, AF-H, AP, AP-H Switch is not waterproof. Cannot be installed flat.

**Prices:**
- P/N 11-06302: $156.75

**DIN12 CONNECTOR**
- For connection to Remote Control Panel, CSI44 interface module, dongle or programming equipment. Compatible with all KANNAD 406 ELTs.

**Prices:**
- P/N 11-06303: $53.85

**MOUNTING BRACKET 1 STRAP**
- Designed to fix the ELT with a retaining strap for quick removal in an emergency. Qualified to maintain the ELT into place during 500 G shocks for 4 ms. Applications: AF, AF-H, AP, AP-H.

**Prices:**
- P/N 11-06301: $139.75

**UNIVERSAL COMPACT MOUNTING BRACKET**
- Compatible with the drilling on all 121.5 Mhz beacons.

**Prices:**
- P/N 11-07900: $102.75

**PROGRAMMING DONGLE, ASSY**
- Din 12 connector with serial memory module (SMM) for programming operations. Fitted with a female DIN12 connector on RCP side. Compatible with all KANNAD 406 ELTs.

**Prices:**
- P/N 11-06304: $328.00

**KANNAD PROGRAMMING DONGLE**
- Internal to the DIN12 that is used to store aircraft programming information. Allows fleet operators to move any ELT to any other aircraft. The stored aircraft data will be automatically downloaded into the ELT. Required for Navigation Interface connection.

**Prices:**
- USA: P/N 11-07088: $253.95
- International: P/N 11-13562: $236.95

**KANNAD PROGRAMMING DONGLE INT**
- Can be used with the following Kannad ELT models: (AF-COMPACT, AF, AF-H, AP, AP-H, AS, SURVIVAL).

**Prices:**
- P/N 11-06990: $320.00

**KANNAD PROGRAMMING DONGLE INTEGRA/SA**

**Prices:**
- P/N 11-12330: $775.00

**KANNAD PROGRAMMING DONGLE INTEGRA LONG RANGE**

**Prices:**
- P/N 11-12331: $667.00

**KANNAD 406 PR600 ELT PROGRAMMING TRAINER**
- Replaces the former PR550 Programming Equipment kit.

**Prices:**
- P/N 11-07102: $6,768.00

**AF COMPACT INSPECTION KIT**

**Prices:**
- P/N 11-08063: $88.75

**KANNAD 406 AS LOCKING PIN**

**Prices:**
- P/N 11-07719: $82.75
ARTEX ME406 ACE ELT

Artex's ME406 ACE (Absolute Cost Efficiency) kit is designed to be a direct replacement for ACK ELTs and ACK remote switches. The ME406 is a single-output ELT that transmits a 406 MHz emergency signal to the Cospas/Sarsat satellites and a local 121.5 homing signal - all using the same RF output and one coax cable. In the event of a crash, the ELT automatically activates and proceeds to transmit a continuous swept tone of 121.5 MHz. As the ELT activates, the 406 MHz transmitter sends an encoded 5-watt signal to the Cospas Sarsat system every 50 seconds for 440 milliseconds to alert Search and Rescue. Includes Whip Antenna.

INTERNATIONAL PROGRAMMED ELTS

<table>
<thead>
<tr>
<th>Artex No.</th>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>ME406 HM</td>
<td>11-04966</td>
<td>Artex ME406 HM ELT w/ rod antenna.</td>
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ACCESSORIES

<table>
<thead>
<tr>
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<tr>
<td>5-Conductor AWG 22 Shielded Wiring for ELT to Remote Switch Installation. Recommended by Artex. Per Ft.</td>
<td>11-06580</td>
<td>$4.35</td>
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<tr>
<td>Artex ME406 replacement battery kit</td>
<td>11-05277</td>
<td>$349.00</td>
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</table>

ARTEX ME406 HM ELT

The Artex ME-406 HM is a single output ELT. Two emergency frequencies (121.5 and 406.028 MHz) utilize the same RF output, requiring only one coax cable to connect to the new series of Artex single input antennas. The ELT automatically activates during a crash and transmits the standard swept tone on 121.5 MHz. Every 50 seconds for 440 milliseconds the 406 MHz transmitter turns on and transmits an encoded digital message to the Cospas/Sarsat satellite system. The mounting hardware for the ME-406 Series is compatible with all previous models of Artex 406 MHz, as well as the ELT200 Series, ACK, Pointer Model 3000 ELT and Narco ELT’s. Current owners of Artex 2-frequency ELT can re-use the remote switch in the cockpit as well as the wiring harness from the cockpit to the ELT thus greatly reducing installation costs.

ARTEX 406 MHZ ELTS 1000

The ARTEX ELT 1000 is a value-priced upgrade to standard 121.5 MHz transmitters, which are no longer monitored by the Cospas-Sarsat system. The 406 MHz transmitter produces a much more accurate position, typically 3 kilometers as compared with 15 to 20 kilometers for 121.5 MHz transmitters. When coupled to the aircraft navigation system via a navigation interface, the ELT 1000’s accuracy improves to approximately 100 meters.

ARTEX ELT 345

The ELT 345 boasts an industry low price for an ELT providing the same quality and performance on which the ARTEX brand was built. GPS data is embedded within the first emergency transmission and provides Search and Rescue personnel with the aircraft location, within 100 meters, in less than a minute. Transmits on 406 MHz and 121.5 MHz frequencies while providing position accuracy thanks to the built-in GPS navigational interface. GPS data is embedded within the first emergency transmission and provides Search and Rescue personnel with the aircraft location, within 100 meters, in less than a minute. FAA approved.

USA PROGRAMMED ELTS

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<tr>
<th>Artex No.</th>
<th>Part No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>ME406 HM</td>
<td>11-06567</td>
<td>Artex MA406 HM ELT w/ rod antenna. Can be programmed for international registered aircraft (specify when ordering).</td>
<td>$4,637.00</td>
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</table>

REPLACEMENT BATTERY USA

6-year Lithium (LiMnO2) replacement battery for the ELT 345............. P/N 11-14145 ....... $298.95

ARTEX ELT 345 COMPACT KIT

The ARTEX ELT 345 transmits on 406 MHz and 121.5 MHz frequencies and can provide position accuracy with an optional GPS input thanks to the built-in GPS navigational interface. GPS data is embedded from the first emergency transmission and provides Search and Rescue personnel with the aircraft location, within 100 meters, in less than a minute. This unit can be activated manually with remote switch or ELT switch) or automatically (the G-switch detects a 2.3G or greater impact). Once activated, the ELT 345 transmits a 406 MHz signal with the beacon’s unique registration information and embedded GPS coordinates to the closest search and rescue agency via the Cospas-Sarsat satellite system. The beacon also transmits a 121.5 MHz homing signal to assist search and rescue to pinpoint the aircraft’s GPS location. The ELT 345 provides a quick-and-easy retrofit opportunity with flexible installation options. The ELT utilizes the same RF output using only one coax cable to transmit both 406 MHz and 121.5 MHz signals through the compact 15-inch whip antenna. The ELT’s built-in navigational interface does not require aircraft power to operate—which results in lower installation costs—and the stainless steel mounting bracket supplied with the unit has a multiple hole mounting pattern to accommodate legacy footprints.

Prices Subject to Change Without Notice - Valid as of June 1, 2023.
**PERSONAL LOCATOR BEACONS**

### ARTEX ELT 4000 GPS / 406 / 121.5

The ARTEX ELT 4000 is a transport-grade Emergency Locator Transmitter (ELT) that utilizes alkaline batteries. This innovative power source means that the ELT 4000 is completely exempt from FAA special condition requirements. ARTEX ELT 4000 cost of ownership benefits include a lower battery expense per cycle, no hazmat shipping and easy disposal. An integrated NAV interface (ARINC429) omits the requirement and expense of installing a separate NAV interface unit. The ARTEX ELT 4000 provides a quick-and-easy retrofit opportunity with flexible installation options such as a two-wire remote switch that does not require any aircraft power. ELT 4000 is TSO approved with Legacy Switch and Antenna Systems to facilitate retrofit. The mounting tray assembly matches the legacy ARTEX G and B Series ELT installation and thereby further reduces engineering costs.

- Base Pack: P/N 11-16253 $5,739.00
- With Alkaline Battery Only: P/N 11-16255 $4,785.00
- With Blade Antenna/Remote: P/N 11-16257 $7,629.00

### ARTEX C406 ELT

Operates on the latest SAR frequency of 406.025 MHz & 121.5 243 MHz. Ready to connect to the ARTEX ELT NAV interface. Includes ELT transmitter, LiMnO2 5-year battery pack, mounting bracket, remote switch, horn/buzzers, coax cables, high speed blade antenna, installation hardware, and installation and operation manual. The C406-1 is approved for aircraft operating speeds up to Mach 1, and C406-2 is approved for speeds up to 350 knots. COSPAS/SARSAT, FAA TSO C126 & JTSO-2C126 Approved.

- C406-1 ELT with 110-340 Blade Ant. Intl.: P/N 11-09320 $6,774.00
- CC2 ELT with Rod Antenna: P/N 11-02985 $6,906.00

### ARTEX REPLACEMENT BATTERY ELT 110-6

Battery Pack - 110-6, 100 HM. Artex 110-6, ELT 100 HM, 2-year Alkaline Pack. TSO C91a Approval: P/N 11-17958 $414.00

### ARTEX 2-WIRE REMOTE INTERFACE SYSTEM

This product allows an upgrade to an Artex 5-Wire 406 MHz ELT using an existing 2-wire configuration. The 2-Wire Remote Interface allows two wires from the existing wiring harness to connect the cockpit remote switch to the ELT for simplified, cost-efficient installation.

P/N 11-07776 $1,916.00

### ARTEX ACCESSORIES

**ARTEX WIRE WHIP ANTENNA**

Black whip antenna with inductor. For use with 121.5 and 243 MHz. Designed for speeds up to 200 knots TAS.

**Specifications:**
- Frequency: 121.5, 243 MHz
- VSWR: 2.0:1 Max for 121.5/243 MHz
- Polarization: Vertical • Height: 17.4” • Max: 121.5 MHz • Connector: RF Connector, BNC Series (female) • Temperature: -65°C to +85°C
- Altitude: 50,000 feet • Air Speed: 200 Knots TAS • Color: Black

P/N 110-324 $154.75

**ARTEX BNC CABLE - 15 ft female BNC to BNC coax cable for use with 406 ELT series.**

P/N 11-08130 $385.00

### ARTEX PLB

The ARTEX PLB features an industry-leading small size and lightweight design—easily fitting into a pocket or life vest without impeding activity and taking up minimal space—ensuring it is readily accessible in an emergency. Effortlessly operational, even under the most challenging conditions, the ARTEX PLB is activated by extending the antenna and flipping up the spring-loaded protective cover, designed to prevent unintentional activation, and then pressing the ON button.

The ARTEX PLB works with the only officially recognized worldwide dedicated search and rescue satellite network (operated by Cospas Sarsat). Once activated, the PLB communicates the location of the individual to search and rescue services via the designated 406 MHz Cospas-Sarsat satellite system. The device also incorporates a 121.5 MHz homing beacon, plus a high-intensity (1 candela) strobe light.

The ARTEX PLB (8110) features a unique mounting clip, flotation pouch, and lanyard.

- USA: P/N 11-16306 $349.95
- International: P/N 11-18714 $392.00

### ACR RESQLINK™ VIEW BUOYANT PLB WITH DIGITAL DISPLAY

Small but resilient, the ResQLink View buoyant PLB has been professionally engineered and tested to ensure it can withstand even the harshest elements. This buoyant Personal Locator Beacon requires no subscription for use and includes a digital display providing live status and GPS coordinates. Whether on land, at sea, or in the air, trust that the ResQLinks satellite precision and military durability, puts rescue in the palm of your hands.

**Features:**
- No Subscription Required
- GPS and Galileo GNSS
- Built-In Buoyancy
- Strobe and Infrared Strobe
- Global Coverage
- MEOSAR Compatible
- Small and lightweight
- 5 year battery life
- 24+ hours Operational Life
- **Multi-function Clip System Included**
- Exclusive ACR Skins included with purchase (customize your beacon and tailor it to your lifestyle and preferred activities)

Based on test report from accredited laboratory.

P/N 11-17216 $399.95

### ACR RESQLINK™ 400 BUOYANT PLBS

Small but resilient, the ResQLink 400 has been professionally engineered and tested to ensure it can withstand even the harshest elements. This buoyant Personal Locator Beacon requires no subscription for use and can be utilized to enhance your safety in a wide variety of environments. Whether on land, at sea, or in the air, trust that the ResQLinks satellite precision and military durability, puts rescue in the palm of your hands.

**Features:**
- No Subscription Required
- GPS and Galileo GNSS
- Built-In Buoyancy
- Strobe and Infrared Strobe
- Global Coverage
- MEOSAR Compatible
- Small and lightweight
- 5 year battery life
- 24+ hours Operational Life
- **Multi-function Clip System Included**
- Based on test report from accredited laboratory

P/N 11-17215 $359.95

### ACR RESQLINK™ VIEW RLS

Small but resilient, the ResQLink View RLS has been professionally engineered and tested to ensure it can withstand even the harshest elements. This buoyant Personal Locator Beacon requires no subscription for use, boasts a digital display providing live status and GPS coordinates, and includes the new Return Link Service (RLS) feature. Beacons with RLS provide confirmation to the user that their beacon’s emergency distress message has been received and that their location has been detected. RLS works by sending a signal back through the Cospas Sarsat satellite network to confirm to the beacon user that the distress message from a beacon has been received and their location has been detected.

User confirmation is distinctly indicated by a flashing blue light and a corresponding confirmation message on the digital display.

P/N 11-19372 $449.95

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*Prices Subject to Change Without Notice - Valid as of June 1, 2023.*
PERSONAL LOCATOR BEACONS

RESCUEME PLB1 PERSONAL LOCATOR BEACON

The rescuemE PLB1 can be operated with a single hand in even the most challenging situations. There are NO CHARGES to use the service. When activated the rescuemE PLB1 transmits your position and your ID to a Rescue Coordination Center.

USA .................P/N 13-15036 ............$380.00
Canada ...............P/N 13-15492 ............$349.95

SPOT X 2-WAY SATELLITE GPS MESSENER WITH BLUETOOTH

SPOT X provides 2-way satellite messaging so you can stay connected to family, friends, and colleagues whenever you’re out of cellular range, including direct communication with Search & Rescue services in case of life-threatening emergency. SPOT X even provides you with your own personal mobile U.S. number so others can message you directly from their cell phone or other SMS devices at any time.

Features: • Illuminated QWERTY Keyboard • 2.7” Backlit Display • U.S. Mobile Number • Impact Resistant, Dust, & Waterproof (IP67) • Rechargeable

SPOT TRACE THEFT-ALERT TRACKING DEVICE

Using 100% satellite technology, SPOT Trace tracks your most valuable assets beyond the reach of cellular coverage, using your smart phone or computer. With SPOT Trace, receive text/email messages when movement is detected and select from 2 ½, 5, 10, 30 or 60 minute tracking intervals. SPOT Trace includes: multiple mounting and power options (including rechargeable batteries and line power) and a compact, durable, lightweight design. SPOT Trace is waterproof rated IPX7 and includes a dock mode option that is designed specifically for monitoring assets typically stored on the water. Affordable and easy to use, SPOT Trace is the ultimate theft-alert tracking device for your aircraft, watercrafts, automobiles, and other valuables.

P/N 11-12224 ............$129.99

AIRBLY PHOENIX P200 AIRCRAFT MONITOR

When used with an Airbly P200 Aircraft Monitor, this crew tracker allows you to assign to each of your pilots and they will be added to the flight logs automatically when they are on board. All packages include one year of service. Additional years subject to new subscription fee.

Services: • Location tracking allows you to always know where your aircraft is and where it has been. • Automatic logbook generation creates a detailed log of each flight. • Maintenance tracking ensures your aircraft is maintained and airworthy. • Notifications alert you to maintenance or usage that may require your attention. • Reports summarize the usage of an aircraft.

Features: • SOS features lets other know there is a problem. • Simple API makes integration with other systems possible.

Integrations: • Coflyt ®: Coflyt combines inspections and maintenance tracking, scheduling, and billing into a simple, mobile app to provide peace of mind for aircraft owners. Automate your aircraft management today. Airbly users can link their Phoenix Aircraft Monitor to Coflyt and automatically upload their flight data right into Coflyt, for faster, easier aircraft management tracking.

Specifications: • Size: 42 x 26 x 10mm (1.6 x 1.0 x 0.4 inches) • Battery: 1 year, replaceable CR2032 coin cell.

P/N 10-07380 ............$24.00

AIRBLY CREW TRACKER OPTION FOR P200 AIRCRAFT MONITOR

When used with an Airbly P200 Aircraft Monitor, this crew tracker allows you to assign to each of your pilots and they will be added to the flight logs automatically when they are on board.

Specifications: • Size: 42 x 26 x 10mm (1.6 x 1.0 x 0.4 inches) • Battery: 1 year, replaceable CR2032 coin cell.

P/N 10-07380 ............$24.00

Prices Subject to Change Without Notice - Valid as of June 1, 2023.

WWW.AIRCRAFTSPRUCE.COM

743
SHADIN - COLLISION / WEATHER AVOIDANCE

SHADIN AMS 2000 ALTITUDE MANAGEMENT AND ALERT SYSTEM

With a range of feature previously unavailable in general aviation, the SHADIN Avionics AMS-2000 Altitude Management and Alert System brings advanced instrumentation to new levels of function and affordability. The SHADIN Avionics AMS-2000 uses information from Mode-C altitude encoder to deliver: • Time-based Altitude Alerting, rather than fixed altitude buffers • Automatic calculation and display of Density Altitude • Real-time display of IVS without the inherent lag of your aircraft’s static system • Calculation and display of Aircraft and Engine Performance • Percentage, at your demand • Made in the U.S.A., the AMS-2000 features a 12-month warranty. The AMS-2000 coupled with the Falcon Altitude Encoder provides all advanced altitude alert functions previously noted, plus the following high-resolution altitude management functions:
• Time-based level-off warning sounding and displayed 15 seconds from target altitude—smooth capture is assured regardless of climb or descent rate • Digital display of altitude from -1000 to +62,000 feet in high resolution, 10-foot increments • Digital reading of Instantaneous Vertical Speed (IVS) • Deviation envelope is adjustable in 10 foot increments

P/N 10-03711 — $16,250.00

STRIKEFINDER® DIGITAL WEATHER AVOIDANCE SYSTEM

Detects and analyzes the electrical activity emanating from thunderstorms within a 200 nautical mile (nm) radius of the aircraft. A unique graphic display plots an accurate, reliable and easily-interpreted picture of electrical activity, that you can use to circumnavigate the hazards associated with thunderstorms. Determines the bearing, range and severity of the activity. Strike data is plotted on the display as single orange dots by electrical activity, that you can use to circumnavigate the hazards associated with thunderstorms. Determines the bearing, range and severity of the activity. Strike data is plotted on the display as single orange dots by

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<thead>
<tr>
<th>Description</th>
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<td>Strike Finder Standard System</td>
<td>11-00348</td>
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<td>Strike Finder with LED Round Display</td>
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<td>Strike Finder with LED 3ATI Display and Clamp</td>
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<td>Strike Finder with LED Round Display with Gryo</td>
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<td>Strike Finder with LED 3ATI Display with Gryo</td>
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<td>Jet Systems Strike Finder System with 3ATI Display</td>
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PROXALERT R5 - COLLISION AVOIDANCE SYSTEM

The R5 is a passive collision avoidance system. It detects transponder replies of aircraft in your vicinity and displays simultaneously both squawk code, altitude, vertical trend and estimated distance of the 3 closest threats. The R5 will increase your ability to visually locate threat aircraft and better apply the FAA ‘See and Avoid’ concept. The R5 has been designed to be very robust against interference coming from DME equipment and other sources of disturbance. Offers significant operational improvements over previous generation products at a very attractive price. The R5 comes with a 3 year manufacturer warranty ............................................. P/N 11-02782 — $779.00

SPIDERTRACKS SPIDER X GLOBAL AVIATION TRACKING SYSTEM

Revolutionary hardware from Spidertracks - unlocking a new horizon for aircraft data insights, connectivity, safety, and efficiency. Built-in-house by Spidertracks, specifically for aviation, Spider X is a small, lightweight device with sleek curves and a black finish. The device seamlessly integrates with your aircraft using straightforward ‘plug-and-play’ technology. A large SOS button is prominent and easy to press if required - alerting your specified contacts. Intelligently designed lighting allows for a distraction and glare free experience, while still conveying key status notifications

Easily mount Spider X on the cockpit glare shield, or out of sight with an external antenna and keypad.

Features: • Revolutionizing Flight Data Monitoring • Virtual FDR™ evolves: Digitizing the analogue • Spidertracks Is Just Getting Started.

P/N 11-18425 — $1,995.00

INSIGHT TAS 1000 AIR DATA COMPUTER WITH WINDICATOR

Today’s modern avionics integrate many functions with your GPS, but standard installations leave many important features untapped. The TAS 1000 Multi-Function Data Source was specifically designed to supply all the information needed to fill in the missing pieces of your GPS or MFD display in real-time. TAS 1000 provides the pilot with a wealth of useful information all based on real time measurements of airspeed, altitude, temperature, fuel flow, heading, ground speed and track. Designed to interface with many brands of GPS, TAS 1000 unlock many previously hidden data pages in most GPS navigators. In addition to TAS 1000s in flight advisory function, TAS 1000 can also serve as a backup altimeter, airspeed indicator or fuel flow meter. The TAS 1000 is designed for use in any piston, turbo-prop, or jet aircraft and provides a full compliment of features when interfaced to a slaved compass system or HSI, fuel transducers, and compatible GPS system. TAS 1000 will deliver a useful subset of features even if all the interfaces are not available.

The Windicator is an integral part of the TAS1000 system. It presents a new and intuitive way to visualize aircraft performance. It uses the TAS1000 for turbo-charged Piston Aircraft (Incl. 1 Windicator) 18,000ft. Alt-250kt max. Front Mount. $2,850.00

MUST BE DEALER INSTALLED

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Insight No.</th>
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<td>11-00626</td>
<td>1000-001-P</td>
<td>TAS1000 System for Piston Engine Aircraft (Incl. 1 Windicator) 18,000ft. Alt-250kt max. Front Mount.</td>
<td>$2,850.00</td>
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<td>11-00627</td>
<td>1000-001-T</td>
<td>TAS1000 for turbo-charged Piston &amp; Turbo-prop aircraft (Incl.1 Windicator) 55,000ft. Alt-500kt max.</td>
<td>$4,275.00</td>
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<td>11-11535</td>
<td>1000-002-B</td>
<td>Windicator (replacement) Rear Mount</td>
<td>$725.00</td>
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<td>11-00629</td>
<td>1000-003</td>
<td>Expansion Module (Alt. encoder, Alt. Serializer, &amp; Overspeed warn.)</td>
<td>$495.00</td>
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Fuel Injection - Fuel flow smart sensors for Piston Engine aircraft

<table>
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<td>11-10415</td>
<td>1000-004-2</td>
<td>Firewall Mount, 201, Fuel Injected</td>
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</tr>
<tr>
<td>11-10416</td>
<td>1000-004-5</td>
<td>Firewall Mount, 231, Gravity Fed</td>
<td>$509.00</td>
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<tr>
<td>11-10413</td>
<td>1000-004-3</td>
<td>Inline Mount, 201, Fuel Injected</td>
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</tr>
<tr>
<td>11-10416</td>
<td>1000-004-6</td>
<td>Inline Mount, 231, Gravity Fed</td>
<td>$505.00</td>
</tr>
</tbody>
</table>

Prices Subject to Change Without Notice - Valid as of June 1, 2023.
The Sport 10.1 puts a large, primary flight display with moving maps in your panel. Software options let you purchase what you need now, and expand later, without removing the EFIS from your panel. Built on more than two decades of avionics experience, and using the industry’s only AHRS that can operate unaided, the Sport 10.1 provides primary flight functions, moving maps and engine pages which can be driven by any GRT EIS engine monitor. The Sport 10.1 even includes synthetic approach to any runway, and depiction of obstacles on the PFD screen.

Features:
• Synthetic Vision - The optional synthetic vision, with its 10 mile range, provides intuitive terrain awareness. This awareness is essential when flying in mountainous areas, and also creates a natural sense of height above the ground, location, and direction of flight. 3-D way-points, obstacles and runways, make navigation simple and help protect you from the threat of towers.
• Split-Screens - Ten split-screen combinations are included, combining two or three views into one screen of the PFD, map and HSI, and engine monitoring. Information is clearly presented, making it practical to fly with a single screen and rarely touch a button. For dual screen installations the split-screens provide a single-screen reversionary mode suitable for IFR flight.
• VFR Friendly - Often the days we fly do not require constant monitoring of the airplanes attitude. Airspeed, altimeter, and a map are all we need, with the PFD attitude to back us up if conditions change. We love those days and so does the Sport 10.1. That is why we allow you to show airspeed and altimeter tapes on your moving map. The Sport 10.1 rounds everything out with wind and destination information.

The sport arc shows where the airplane will be when it reaches a pre-selected altitude (ground level in this case). Extended centerlines make it easy to line up on the correct runway, and is essential at night.

• Obstacle Alerting - The greatest value of obstacle alerting occurs when you find yourself forced to fly under an overcast in less than desirable visibility. At times like this, it must be effortless to understand such threats. That is why we show your threats on the PFD and not just the map. We show you the threat in the exact place you will be locking the PFD. They appear in the same location out the window as they appear on the screen. Simple, and potentially life saving.

Specifications:
• Internal AHRS and Air-Data simplify installation • Safe-fly ADS-B 2020 compliant GPS/uAvionix echoESX may be mounted directly to the back of the Sport 10.1, making installation even simpler. • Moving Map is included. • GRT Safe-Touch - Autopilot Ready • Heads-Up Capable

<table>
<thead>
<tr>
<th>Model</th>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.1-SPORT</td>
<td>11-17876</td>
<td>GRT Sport 10.1 EFIS</td>
<td>$3,420.00</td>
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<tr>
<td>10.1-OPT-SYN</td>
<td>11-17877</td>
<td>GRT Sport 10.1 EFIS Synthetic Vision Option</td>
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<tr>
<td>10.1-OPT-VAP</td>
<td>11-17878</td>
<td>GRT Sport 10.1 EFIS Vertical Autopilot Option</td>
<td>$450.00</td>
</tr>
</tbody>
</table>

GRAND RAPIDS HORIZON 10.1 EFIS SYSTEM

Note: Grand Rapids (GRT) avionics units are intended for experimental aircraft use only. One look at the Horizon 10.1 and you sense the situational awareness provided by its large screen and wide field of view that reaches out 30 miles. You can select either a “six pack” representation of the primary flight instruments, with adjustable shading behind the gauges, or the standard PFD. On the standard PFD you will find pilot-selectable insets and split-screen views providing maps, traffic, engine monitoring, weather, traffic alerts, custom checklists, and even geo-referenced sectionals or en-route charts, keeping the PFD view unchanged so that your instrument scan remains unchanged.

Auto-pilot ready, ADS-B and remote avionic control capable. 10.1 Inch, High resolution (1280x800) IPS display. Internal AHRS/Air data included.

Features:
• Primary Flight Display - On the PFD you will find pilot-selectable insets and split-screen views providing maps, traffic, engine monitoring, weather, traffic alerts, custom checklists, and even geo-referenced sectionals or en-route charts, keeping the PFD view unchanged so that your instrument scan remains unchanged.

• Split-Screen View for Single Display Systems - Insets are also complimented by a split-screen view. This is a popular feature with single screen installations, providing generous size primary flight data, moving map and engine data, intelligently combined on one screen; practically eliminating the need to change your screen selection.
• Dedicated Remote Avionics Controls - The Horizon 10.1 expands your options by letting you remotely control as much or as little of your radio rack as you desire. The dedicated controls and simple operation makes this immensely practical, leaving your valuable panel space available for other uses. Remote up to 2 Com radios, 2 Nav radios, transponder, intercom, and audio panel. Panel mount radios can also be conveniently tuned. The Horizon 10.1 works with a variety of leading avionics manufacturers, so you will never be locked into one brand for your interfacing remote avionics. Remotes, such as the Trig TT22 transponder, can offer a cost savings by negating the need for a dedicated control head.

As with the HXr, the Horizon 10.1 allows you to use your Android device for extensive touch-screen menu tuning choices for you or your co-pilot.

• Sectionals, Airport Diagrams, En-route Charts, Approach Plates, and more - Sectionals and en-route charts are displayed with Horizon 10.1 generated airspace, obstacles, flight plans and traffic overlaid, so that alerting is not lost. Data for these functions is provided by Seattle Avionics. The Horizon 10.1 also includes a PDF viewer which allows you to display free approach plates, airport diagrams and other data provided by the FAA. (Geo-referencing is not provided).

Specifications:
• Internal AHRS and Air-Data simplifies installation and is included in the price! • Auto-pilot ready, ADS-B and remote avionic control capable. • 10.1 Inch, High resolution (1280x800) IPS display. • Our Safe-fly ADS-B 2020 compliant GPS/uAvionix echoESX may be mounted directly to the back of the Horizon 10.1, making installation even simpler. • Simple Operation • Turbulence Optimized • Real Redundancy • Autopilot Ready • Heads-Up Display • PFD Video with Overlay • Audio Alerts • Angle of Attack Sensing / Stall Warning • Control Radios & Flight Plans with Your Android Phone / Tablet
• The Source of the Attitude

<table>
<thead>
<tr>
<th>Model</th>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>10.1-HORIZON</td>
<td>11-17871</td>
<td>GRT Horizon 10.1 EFIS</td>
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<tr>
<td>10.1-OPT-TOUCH</td>
<td>11-17872</td>
<td>GRT 10.1 EFIS Touch Screen Option 10.1-OPT-TOUCH</td>
<td>$296.95</td>
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<tr>
<td>10.1-OPT-AOA</td>
<td>11-17873</td>
<td>GRT 10.1 EFIS AOA Option 10.1-OPT-AOA</td>
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<tr>
<td>10.1-OPT-DUAL-AHRS</td>
<td>11-17874</td>
<td>GRT 10.1 EFIS Dual AHRS Option</td>
<td>$475.00</td>
</tr>
<tr>
<td>10.1-OPT-IFR</td>
<td>11-17875</td>
<td>GRT 10.1 EFIS Internal IFR Approach Option</td>
<td>$750.00</td>
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</table>
GRT EFIS SYSTEMS

GRT EIS SYSTEMS

For over 22 years, Grand Rapids Technologies’ EIS engine monitor has proven itself in most every aircraft engine installation from the most basic 2-stroke engines to turbines. It can be used as a stand-alone system in aircraft without an EFIS display, or as an integral part of a GRT Avionics “glass cockpit” EFIS graphical engine display. EIS provides critical engine data and warnings that could save your life. Basic packages come with wiring harnesses and engine probes recommended by the engine manufacturer, including CHT, EGT, and oil pressure/temperature if sensors do not normally come with the engine. Advanced packages include all of the Basic probes plus fuel flow, current sensor, and manifold pressure. Visit www.aircraftspruce.com for more information on packages and probes. Lifetime warranty for manufacturer defects.

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
<th>Part No.</th>
<th>Price</th>
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<tbody>
<tr>
<td>Lyc/Cont. Package, 4-cylinder, Basic</td>
<td>EIS-4K-LYC-BAS-PKG</td>
<td>11-11745</td>
<td>$1,258.00</td>
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<tr>
<td>Lyc/Cont Package, 4-cylinder, Advanced</td>
<td>EIS-4K-LYC-ADV-PKG</td>
<td>11-11746</td>
<td>$1,873.00</td>
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<tr>
<td>Lyc/Cont. Package, 6-cylinder, Basic</td>
<td>EIS-6K-LYC-BAS-PKG</td>
<td>11-11748</td>
<td>$1,473.00</td>
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<tr>
<td>Lyc/Cont. Package, 6-cylinder, Advanced</td>
<td>EIS-6K-LYC-ADV-PKG</td>
<td>11-11749</td>
<td>$2,056.00</td>
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<tr>
<td>Jabiru 2200 Package, Basic</td>
<td>EIS-4K-JAB-BAS-PKG</td>
<td>11-11751</td>
<td>$1,072.00</td>
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<tr>
<td>Jabiru 2200 Package, Advanced</td>
<td>EIS-4K-JAB-ADV-PKG</td>
<td>11-11752</td>
<td>$1,498.00</td>
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<tr>
<td>Jabiru 3300 Package, Basic</td>
<td>EIS-6K-JAB-BAS-PKG</td>
<td>11-11753</td>
<td>$1,264.00</td>
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<tr>
<td>Jabiru 3300 Package, Advanced</td>
<td>EIS-6K-JAB-ADV-PKG</td>
<td>11-11754</td>
<td>$1,715.00</td>
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<tr>
<td>Rotax 912/914 Package, Basic</td>
<td>EIS-4K-RTX-BAS-PKG</td>
<td>11-11755</td>
<td>$1,069.00</td>
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<tr>
<td>Rotax 912/914 Package, Advanced</td>
<td>EIS-4K-RTX-ADV-PKG</td>
<td>11-11756</td>
<td>$1,525.00</td>
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<tr>
<td>Viking Package, Basic</td>
<td>EIS-4K-VIK-BAS-PKG</td>
<td>11-11757</td>
<td>$965.00</td>
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<tr>
<td>Viking Package, Advanced</td>
<td>EIS-4K-VIK-ADV-PKG</td>
<td>11-11758</td>
<td>$1,189.00</td>
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<tr>
<td>UL Power Package, Basic</td>
<td>EIS-4K-ULP-BAS-PKG</td>
<td>11-11759</td>
<td>$1,351.00</td>
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<tr>
<td>UL Power Package, Advanced</td>
<td>EIS-4K-ULP-ADV-PKG</td>
<td>11-11760</td>
<td>$1,500.00</td>
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<tr>
<td>UL Advanced Package, 6 cylinder (Includes Basic + pulse FF)</td>
<td>EIS-6K-ULP-ADV-PKG</td>
<td>11-16025</td>
<td>$1,697.00</td>
</tr>
<tr>
<td>UL Basic Package, 6 cylinder (6 bayonet CHT, 4 EGT, 50-amp CS, OP, FP)</td>
<td>EIS-6K-ULP-BAS-PKG</td>
<td>11-16026</td>
<td>$1,578.00</td>
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<tr>
<td>Corvair Package, Basic</td>
<td>EIS-6K-CORV-BAS-PKG</td>
<td>11-11761</td>
<td>$1,264.00</td>
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<tr>
<td>Corvair Package, Advanced</td>
<td>EIS-6K-CORV-ADV-PKG</td>
<td>11-11762</td>
<td>$1,862.00</td>
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GRT AVIONICS AUTOPILOT SERVOS


<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roll Servo, standard torque. 1.0 Amp, 2.25 lbs</td>
<td>11-09791</td>
<td>$760.00</td>
</tr>
<tr>
<td>Pitch Servo, standard torque. 1.0 Amp, 2.25 lbs</td>
<td>11-09792</td>
<td>$760.00</td>
</tr>
<tr>
<td>Roll Servo, high torque. 2.0 Amp, 2.25 lbs</td>
<td>11-11763</td>
<td>$831.00</td>
</tr>
<tr>
<td>Pitch Servo, high torque 2.0 Amp, 2.25 lbs</td>
<td>11-11764</td>
<td>$831.00</td>
</tr>
<tr>
<td>Servo Mount Kit- Specify type of aircraft</td>
<td>11-11767</td>
<td>$79.95</td>
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</table>

GRT SENSORS AND PROBES & ACCESSORIES

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small EGT probe fits exhaust pipes from 1-2” dia.</td>
<td>EGT-HCS-01</td>
<td>11-09535</td>
<td>$49.95</td>
</tr>
<tr>
<td>Large EGT probe fits exhaust pipes from 1.5-2.5” dia.</td>
<td>EGT-HC-01</td>
<td>11-09533</td>
<td>$49.95</td>
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<tr>
<td>8 mm compression-style EGT probe. Includes compression fitting.</td>
<td>EGT-CF-01</td>
<td>11-09534</td>
<td>$49.85</td>
</tr>
<tr>
<td>Current sensor, +/- 100 AMP. Suitable for aircraft with 60 amp alternators.</td>
<td>CS-01</td>
<td>11-06276</td>
<td>$92.75</td>
</tr>
<tr>
<td>Current Sensor +/- 50AMP. Suitable for aircraft with Rotax, Jabiru, and others with light duty charging systems.</td>
<td>CS-02</td>
<td>11-07224</td>
<td>$79.95</td>
</tr>
<tr>
<td>Manifold pressure sensor, 0-51 in. Hg. For turbocharged engines.</td>
<td>MAP-02</td>
<td>11-09542</td>
<td>$89.75</td>
</tr>
<tr>
<td>Bayonet-style CHT probe. Used mostly with Lycoming and Continental engines.</td>
<td>CHT-BAY-01</td>
<td>11-09538</td>
<td>$49.95</td>
</tr>
<tr>
<td>Replacement threaded adapter for bayonet style CHT probes.</td>
<td>BHT-ADP-01</td>
<td>11-09539</td>
<td>$6.80</td>
</tr>
<tr>
<td>Ring style CHT probe with 4 mm ring. Suitable for some Rotax installations.</td>
<td>CHT-04-01</td>
<td>11-11466</td>
<td>$20.95</td>
</tr>
<tr>
<td>Ring style CHT probe with 10 mm ring. Suitable for Rotax 912/914 installations.</td>
<td>CHT-10-01</td>
<td>15-06432</td>
<td>$21.65</td>
</tr>
<tr>
<td>Ring style CHT probe with 12 mm ring. Suitable for Jabiru installations.</td>
<td>CHT-12-01</td>
<td>11-11469</td>
<td>$21.65</td>
</tr>
<tr>
<td>Ring style CHT probe with 14 mm ring. Suitable for many 2-stroke engines including Rotax &amp; Zenoah</td>
<td>CHT-14-01</td>
<td>11-09537</td>
<td>$21.95</td>
</tr>
<tr>
<td>Ring style CHT probe with 18 mm ring. Suitable for Continental engines without Bayonet CHT ports.</td>
<td>CHT-18-01</td>
<td>11-09536</td>
<td>$24.50</td>
</tr>
<tr>
<td>Pressure Senders for oil &amp; coolant Ranges from 0-80 PSI to 0-150 PSI</td>
<td>HPS-01</td>
<td>11-11470</td>
<td>$56.85</td>
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<tr>
<td>Pressure Senders for oil &amp; coolant Ranges from 0-80 PSI to 0-150 PSI</td>
<td>HPS-02</td>
<td>11-06423</td>
<td>$58.75</td>
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<tr>
<td>Coolant pressure sender 0-100 PSI. Recommended for fuel injected engines.</td>
<td>HPS-SS-01</td>
<td>11-09545</td>
<td>$169.00</td>
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<tr>
<td>Fluid Temperature Probe - 1/8-27 threads</td>
<td>FT-1827-02</td>
<td>11-09540</td>
<td>$27.00</td>
</tr>
<tr>
<td>Oil Temperature Probe - Lycoming &amp; Continental. For use with older GRT EIS models.</td>
<td>FT-LC-01</td>
<td>11-09541</td>
<td>$47.85</td>
</tr>
<tr>
<td>EIS Outside air temp probe. Wire to either EIS or EIFS.</td>
<td>OAT-02</td>
<td>15-05248</td>
<td>$29.75</td>
</tr>
<tr>
<td>Oil Temperature Probe. Wire to either EIS or EIFS. Included with the EIFS system.</td>
<td>OAT-03</td>
<td>11-11227</td>
<td>$99.95</td>
</tr>
<tr>
<td>Coolant pressure sender 0-28 PSI. Recommended for Carbureted Engines.</td>
<td>LPS-02</td>
<td>11-09543</td>
<td>$56.85</td>
</tr>
<tr>
<td>0-100 PSI fuel pressure sender. Recommended for fuel injected engines.</td>
<td>HPS-SS-01</td>
<td>11-09545</td>
<td>$169.00</td>
</tr>
</tbody>
</table>

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WWW.AIRCRAFTSPRUCE.COM

Prices Subject to Change Without Notice - Valid as of June 1, 2023.
A small, lightweight, economical VFR EFIS system for LSA and light kitplanes. An affordable, high-quality backup to our larger EFIS systems for IFR operations. A stand-alone autopilot and backup flight instrument all in one. As an IFR backup flight instrument, the Mini-X and Mini-AP can do what no other brand of backup display can do for GRT Horizon and Sport users: Serve as an auxiliary autopilot control head for GRT servos that maintains an independent source of control if the main display unit should fail. Utilize the same pilot interface as the popular Horizon and Sport series, meaning you will not have to remember a different brand’s “buttonology” in an emergency. Now taking orders. No deposit required! Shipment of Mini-B anticipated in January 2014, with Mini-X and Mini-AP to follow.

GRT Mini X Moving Map HSI Software .......................... P/N 11-14255

Prices Subject to Change Without Notice - Valid as of June 1, 2023.

GRT EFIS – EFIS SYSTEMS

GRAND RAPIDS MINI BACKUP EFIS

GRAND RAPIDS SPORT EX EFIS

The Sport EX puts a Primary Flight Display EFIS in your panel at an unbeatable price. Software options let you purchase what you need, now, and expand later, without removing the EX from your panel. Built on more than two decades of avionics experience, and using the industry’s only AHRS that can operate unaided, the base model provides primary flight functions and engine pages which can be driven by any GRT EFIS engine monitor. The base model even includes synthetic approach to any runway, and depiction of obstacles on the PFD screen.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>EX7-SPORT-BAS-PKG</td>
<td>Basic Package</td>
<td>11-16021</td>
<td>$2,345.00</td>
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<tr>
<td>EX7-SPORT-ADV-PKG</td>
<td>Advanced Package</td>
<td>11-16023</td>
<td>$2,726.00</td>
</tr>
<tr>
<td>EX7-SPORT-ADV-TOUCH-PKG</td>
<td>Advanced Touch Package</td>
<td>11-16024</td>
<td>$3,251.00</td>
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<tr>
<td>EX7-SPORT</td>
<td>Display with AHRS / GPS / Antenna / Harness</td>
<td>11-16033</td>
<td>$1,784.00</td>
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<tr>
<td>EX7-OPT-MAP</td>
<td>Moving Map Option</td>
<td>11-16034</td>
<td>$296.95</td>
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<tr>
<td>EX7-OPT-SYN</td>
<td>Synthetic Vision Option</td>
<td>11-16035</td>
<td>$426.00</td>
</tr>
<tr>
<td>EX7-OPT-3SERIAL</td>
<td>Additional 3 Serial Ports Option</td>
<td>11-16038</td>
<td>$240.95</td>
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<tr>
<td>EX7-OPT-MAG</td>
<td>Digital Magnetometer Option</td>
<td>11-16039</td>
<td>$299.00</td>
</tr>
<tr>
<td>EX7-OPT-ANALOG</td>
<td>Analog Input Option</td>
<td>11-16040</td>
<td>$240.95</td>
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<tr>
<td>EX7-OPT-IFR-AP</td>
<td>IFR Autopilot Commands Option</td>
<td>11-16041</td>
<td>$450.00</td>
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<tr>
<td>EX7-OPT-TOUCH</td>
<td>EFIS Touch Screen Option</td>
<td>11-16043</td>
<td>$295.95</td>
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</tbody>
</table>

GRAND RAPIDS EIS ENGINE MONITORS

A complete engine monitoring system at an affordable price. The EIS Model 4000 starts with the most comprehensive EGT/CHT monitor available anywhere, and then adds every other engine monitoring function you need, and more! Utilizing a back-lit, sunlight readable display, the EIS provides user-programmable graphical and digital displays in a compact package. A host of other useful features and the scrutiny of the 62 alarms, add the final touches to make your flying a safe, satisfying, and enjoyable experience.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
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<tbody>
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<td>M2000 2 Stroke Basic Monitoring Instrument Only</td>
<td>11-16045</td>
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<td>M2004 4 Stroke Basic Monitoring Instrument Only</td>
<td>11-16046</td>
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<td>M4000 4 Cyl Full Engine Monitoring Instrument Only</td>
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<tr>
<td>M6000 6 Cyl Full Engine Monitoring Instrument Only</td>
<td>11-16048</td>
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<tr>
<td>M9000 9 Cyl Full Engine Monitoring Instrument Only</td>
<td>11-16049</td>
<td>$1,149.00</td>
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</tr>
<tr>
<td>M2000 For Powered Parachutes With 2 Stroke Engine</td>
<td>11-16051</td>
<td>$632.00</td>
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<tr>
<td>M4000 For Powered Parachutes With 4 Stroke Engines</td>
<td>11-16052</td>
<td>$726.00</td>
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<td>M4000 For Powered Parachutes With Rotax 912/914 Engine</td>
<td>11-16054</td>
<td>$726.00</td>
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</table>

GRAND RAPIDS EIS ENGINE INFORMATION SYSTEM (EIS) FOR M14 9 CYLINDER RADIAL

A complete engine monitoring system at an affordable price. The EIS Model 4000 starts with the most comprehensive EGT/CHT monitor available anywhere, and then adds every other engine monitoring function you need, and more! Utilizing a back-lit, sunlight readable display, the EIS provides user-programmable graphical and digital displays in a compact package. A host of other useful features and the scrutiny of the 62 alarms, add the final touches to make your flying a safe, satisfying, and enjoyable experience. M14 9 Cylinder Radial. (9 EGT, 3 CHT, OT, OP, FP, FF, 0-51" MAP, 100A CS) P/N 11-16060 .... $2,129.00

<table>
<thead>
<tr>
<th>Description</th>
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LAVERSAB PITOT STATIC TESTERS

LAVERSAB PITOT STATIC TESTER (NON-RVSM)
The Model 6200 is used to perform leak-checks and accuracy checks on the Pitot Static systems of non-RVSM aircraft. Accuracy checks are typically performed on altimeters, airspeed indicators and VSI's. The high accuracy of the Pitot output is ideally suited for checks at low airspeeds. The Model 6200 is equipped with a Remote unit which has a large sunlight-readable display and touch-screen. A redundant keypad is also included. An internal 8-hour battery (optional) makes the tester completely portable. The wide operating temperature (optional) makes it usable in any environment. The "Profiles" feature makes it very easy to use. Calibration is required only once a year. The 6200 is also WiFi-enabled. With these distinctive features, the Model 6200 is the ideal Pitot Static tester for helicopters and non-RVSM aircraft. P/N 12-04747

LAVERSAB 6300 RVSM AUTOMATED PITOT STATIC TESTER
The Model 6300 is a versatile 2-channel RVSM Pitot Static Tester targeted for General Aviation; all Business Jets and Commercial Aircraft. It is used to perform leak-checks and accuracy checks on the Pitot Static systems of RVSM aircraft up to 690 knots & 60,000 ft. Accuracy checks are typically performed on altimeters, airspeed indicators and VSI's. The Model 6300 is equipped with a Remote unit which has a large keypad and display, a removable 8-hour battery (optional), wide operating temperature (optional), and "profiles" to accelerate testing. Calibration is required only once a year. The 6300 can be controlled by an iPad or other tablets. The Model 6300 is approved for Boeing, Airbus, and most OEMs. P/N 12-05169

LAVERSAB 6600-NG RVSM AUTOMATED PITOT STATIC TESTER (FOR SMARTPROBE™ AIRCRAFTS)
The Model 6600-NG Automated Tester is designed to test aircraft equipped with SmartProbes™. The tester has one Static output (Ps1), one Pitot output (Pt) and a third output (Ps2) which can be used to simulate either AOA (angle of attack) or AOS (angle of sideslip). Using the small and light-weight Remote, an operator can test the entire pitot and static system from the cockpit. The Model 6600-NG comes with a removable 8-hour battery (optional), wide operating temperature (optional), and "profiles" to accelerate testing. Calibration is required only once a year. The 6600-NG is also WiFi-enabled, which enables wireless remote control using an iPad or other tablets. The Model 6600-NG is approved for Embraer EJETS, Bombardier C-Series, Gulfstream, Honda Jet and most SmartProbe™ equipped aircraft. P/N 12-05173

LAVERSAB PITOT STATIC HOSE KIT 2
Laversab is proud to introduce the multi-function, WiFi-enabled Avionics Radio Test System (ARTS). The ARTS-7000 is designed to meet all radio test systems requirements in one box. It can connect to a Laversab ADTS for integrated altitude monitoring. The ARTS-7000 is designed to reduce upfront costs, simplify aircraft testing, and cover all current & future radio test requirements.

With an intuitive user interface and quick setup, the ARTS-7000 cuts down test time, so your aircraft gets back in the air faster. The ARTS is user-configurable and easily expandable to include both current and future avionics. Standard capabilities include Radio Comm, Nav, DME, ELT, ATC, ADSB & TCAS. The ARTS-7000 is built to test any airborne platform— from General Aviation to Commercial Airliners — including helicopters and military applications.

- Service & Calibration Centers across the world • 4-DAY turn on calibrations • AOG Loaner Units available • Technical support & training INCLUDED • 3-YEAR standard warranty • FREE Operational SW Updates • Upgrades available to expand capabilities

Features:
- Multi-function capability in a single box
- Configurable to meet user-specific requirements – reduces cost
- Expandable within same system for additional functions
- Preset and user configurable test scenario and parameters
- Removable Battery to test aircraft anywhere
- Worldwide service and support
- Quick setup. Wireless control of testset
- Control with iPad or other tablet. Optional: Wired Remote Controller
- Downloadable software upgrades
- Secure Wi-Fi network generated by test set
- Easy export of stored results
- Transportable system with rugged enclosure
- Integrated self-test & fault-finding tools.
- Built in quick confidence check
- Integrates Mode S with Laversab ADTS for altimeter checks.
- Fully Integrated ILS and MKR scenario
- Automatic VOR scenario
- Fully Integrated DME and VOR scenario

Testers:
- Tester with Navcom...P/N 12-05437
- Tester with Pulse...P/N 12-05438
- Tester with Navcom & Pulse...P/N 12-05439
- Tcas Option...P/N 12-05440
- Uat Option...P/N 12-05441
- Shipping...P/N 12-05442
- Ipod Bundle...P/N 12-05443

Laversab Pitot Static Hose Kit 2. For connecting Models 6150, 6200, 6300 (all models) to aircraft with relatively small airframes.

Includes the following:
- 4 each, #4 Hoses, 20 ft. length with #4 AN-female fittings on each end
- 2 each, #3 Hoses, 2 ft. length with #3 AN-female fittings on each end
- 2 each, Reducer #4 AN-male to #3 AN-male.

P/N 12-04751
MGL AVIONICS

MGL AVIONICS EXTREME MINI EFIS

The Xtreme EFIS is a mini-EFIS unit based on a 4.3" sunlight readable, wide viewing angle high resolution LCD display. It integrates an SD card reader (for software updates and for flight data recorder), 5 function buttons, a rotary control and a basic GPS navigator (functions available in future firmware release). It can be connected to standard MGL Avionics AHRS sensors and RDAC (engine monitor) boxes. Note: This radio is non-TCO’d and is for use in Experimental and light-sport aircraft and aircraft not having a Type Certificate prohibiting the use of non-TCO’d radios and equipment. 

Features: 
Modular Design: The Xtreme mini EFIS is specifically designed to replace any two instruments, and fit a standard 3 1/8" round instrument hole. The body is located off-center to make room for the optical platform in the back, which is the Ultra-Stable Optical Senor (USOS) that eliminates false activation when touching the screen in turbulent conditions. A simple configuration or any other location that currently occupies two instruments.

The ME CS-6AB & ME CS-6CB is easy to install using an existing pushrod kit. The two replace a standard D2-260 2 Discrete inputs to recall last transmission and/or to select E1 or E2. Provides an 8x4 keypad, which is very easy to use for setting the mode and selecting functions from the EFIS menu. The unit is waterproof, shock proof, and has an isolated digital intercom that also provides power to the external microphones. It is also capable of controlling light bar heads and other controllers. The ME CS-6AB has 4 channels operating mode compatible with the V10. Four place, dual circuit intercom system with full isolate. Each intercom microphone input has its own level control and VOX/GA noise suppression system. Dual PTT inputs. Black box flight recorder audio output. P/N 11-10423 $4,029.00 

DIMENSIONS: 3 1/8" round instrument hole. The body is located off-center

HIGH ACCURACY CURRENT SENSORS

The ME CS-6-AB & ME CS-6CB is easy to install using an existing pushrod kit, and is compatible with any display device expecting 0-5v current sensor input. It is easy to calibrate using a simple process that yields exceptional accuracy. Basic version designed to be operated with Engine or Flight monitoring systems that provide 5 volts to power external sensors and accept a 0-5v input with zero current being 2.5 volts. No input voltage protection beyond 30 volts, wire with caution.

COMMUNICATION (third party devices) • Ambient Light Sensor: Auto-Dimming • Panel Cutout Size: 3 1/8"

Specifications: 
Panel Cutout Size: 3 1/8" round instrument hole. The body is located off-center to make room for the optical platform in the back, which is the Ultra-Stable Optical Sensor (USOS) that eliminates false activation when touching the screen in turbulent conditions. A simple configuration or any other location that currently occupies two instruments. Due to the light weight and very low mounting depth no complicated mounting brackets or trays are needed. Power use is low and operation from much less than 12v to around 28v is fully supported. P/N 11-10393 $1,029.00

MGL V16 VHF AVIATION RADIO TRANSEIVER

The V16 Com Radio is the latest generation and a new family of RF products by MGL Avionics. Launched in 2018 in the US, the V16 is the first in a new ecosystem of Com Radios, Nav/Coms and controllers. Note: Radio is non-TCO’ed and is for use in Experimental and light-sport aircraft and aircraft not having a Type Certificate prohibiting the use of non-TCO’ed radios and equipment. 

Features: 
Modular Design: The V16 is a split design remote-mount Com Radio that is controlled via a separate controller/EFIS. The V16 is compatible with Enhanced Flight Vision Systems (EFVS). It can be connected to standard MGL Avionics AHRS sensors and RDAC (engine monitor) boxes. Note: This radio is non-TCO’ed and is for use in Experimental and light-sport aircraft and aircraft not having a Type Certificate prohibiting the use of non-TCO’ed radios and equipment. 

Specifications: 
Panel Cutout Size: 3 1/8" round instrument hole. The body is located off-center to make room for the optical platform in the back, which is the Ultra-Stable Optical Sensor (USOS) that eliminates false activation when touching the screen in turbulent conditions. A simple configuration or any other location that currently occupies two instruments. Due to the light weight and very low mounting depth no complicated mounting brackets or trays are needed. Power use is low and operation from much less than 12v to around 28v is fully supported. P/N 11-10393 $1,029.00

MGL MAGNETIC CURRENT MEASUREMENT SENSOR

This sensor can be used to measure DC currents in aircraft power systems in a wide range from less than 4A to as high as 120A depending on installation and configuration. The sensor connects to an EFIS system via spare RDAC inputs. G1 and G2 EFIS systems can support up to 4 of these sensors while Enigma can support 2. 

Specifications: 
Panel Cutout Size: 3 1/8" round instrument hole. The body is located off-center to make room for the optical platform in the back, which is the Ultra-Stable Optical Sensor (USOS) that eliminates false activation when touching the screen in turbulent conditions. A simple configuration or any other location that currently occupies two instruments. Due to the light weight and very low mounting depth no complicated mounting brackets or trays are needed. Power use is low and operation from much less than 12v to around 28v is fully supported. P/N 11-10393 $1,029.00

MGL XTREME EMS

The Xtreme EMS is based on a 4.3" sunlight readable, wide viewing angle, high resolution LCD display. It integrates an SD card reader (for software updates and for engine data recorder), 5 function buttons, a rotary control, and can be connected to standard MGL Avionics AHRS sensors and RDAC (engine monitor) boxes (required). The Xtreme EMS is designed to fit a standard 3 1/8" round instrument hole. The body is located off-center allowing the unit to replace instruments on the right side of your panel. The unit can be used with any configuration or any other location that currently occupies two instruments. The “Enigma MKIII” is based on the iEFIS Discovery and shares its housing and large 7" high resolution screen. It has about the same outside dimensions as the original Enigma, but it is a completely different system. It will be fully self-contained (no iBox) and features a built-in Attitude Gyro and GPS. The X16 provides two RS232 ports and a CAN interface for connection to RDAC, compass and other devices. It contains a built-in GPS and full pilot/static sensors. The software is based on a simplified version of the EFIS and is aimed at simple installation and operation. Only GPS navigation is supported. The Autopilot is included. The Enigma MKIII effectively fits between the Xtreme mini EFIS and the iEFIS Discovery.

CALL OR VISIT OUR WEBSITE FOR DETAILS.

MGL RAZOR TOUCHSCREEN VHF CONTROLLER

The Razor 3-1/8" VHF Touchscreen controller connects to the V16 Com for full touchscreen control. Connect any number of Razors (and Vegas) to your V16 Com radio. Specifications: Panel Cutout Size: 3 1/8" round instrument hole. The body is located off-center to make room for the optical platform in the back, which is the Ultra-Stable Optical Sensor (USOS) that eliminates false activation when touching the screen in turbulent conditions. A simple configuration or any other location that currently occupies two instruments. Due to the light weight and very low mounting depth no complicated mounting brackets or trays are needed. Power use is low and operation from much less than 12v to around 28v is fully supported. P/N 11-10393 $1,029.00

MGL VEGA VHF CONTROLLER

The Vega 2-1/4" VHF controller connects to the V16 Com for full control. Connect any number of Vega’s (and Razors) to your V16 Com radio. Specifications: Panel Cutout Size: 3 1/8" round instrument hole. The body is located off-center to make room for the optical platform in the back, which is the Ultra-Stable Optical Sensor (USOS) that eliminates false activation when touching the screen in turbulent conditions. A simple configuration or any other location that currently occupies two instruments. Due to the light weight and very low mounting depth no complicated mounting brackets or trays are needed. Power use is low and operation from much less than 12v to around 28v is fully supported. P/N 11-10393 $1,029.00

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Prices Subject to Change Without Notice - Valid as of June 1, 2023.
About IEFIS Lite Series:
The IEFIS Lite series from MGL Avionics is set to revolutionize the small airplane instrument panel. If just a single EFIS screen is required in your Experimental airplane, the iEFIS Lite offers everything needed. The IEFIS Lite is a stand-alone system where you have multiple, joined panels in a complex infrastructure. The MGL Lite Series includes the Discovery-Lite 7”, Explorer-Lite 8.5”, and the Challenger-Lite 10.4”, all with Touchscreen EFIS GPS Antenna.

About IEFIS Regular Series:
The IEFIS is a comprehensive flight, engine and navigation instrument designed for Experimental and Light Sport aircraft. It is the next generation EFIS system utilizing a custom developed, pressure sensitive, sunlight readable touchscreen that can also be operated using gloves. IEFIS combines the undeniable advantages of simplified operation that a touchscreen can offer with rich traditional controls that are equally indispensable in the cockpit environment. The pressure sensitive touchscreen operates much like a tactile button preventing false activation when touching the screen in turbulent conditions.

IEFIS Regular Series includes the iEFIS Explorer and Challenger.

**Worksheet Steps**

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<tr>
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**IEFIS LITE WITH GPS ANTENNA PACKAGE INCLUDES**

**Description**

- IEFIS Discover-Lite, Explorer-Lite, or Challenger
- SP-6 Advanced Magnetometer Sensor Package (Compass)
- RDAC XF, 12 Thermocouple Channels
- Harness- IEFIS-Lite Power/CAN- RS-232 Harness
- Harness, CAN Bus Harness Kit for Single Device
- Harness- RDAC XF with CAN Bus
- OAT Probe- Aluminum

**IEFIS EXPLORER & CHALLENGER TOUCHSCREEN PACKAGE INCLUDES**

**Description**

- Regular IEFIS Explorer or Challenger
- iBox Normal Speed ASI (30-250 mph)
- SP-6 Advanced Magnetometer Sensor Package (Compass)
- SP-7 Advanced Attitude Sensor Package (Horizon)
- RDAC-XF MAP, 12 Thermocouple Channels & MAP
- Harness- iBox CAN Bus Harness for iBox and 2 Devices
- Harness- RDAC XF with CAN Bus

**SELECTING AN ENGINE MONITORING PACKAGE INCLUDES**

**Description**

- Lycoming 4-Cylinder: CHT, bayonet-style 3/8”-24, Type-K
- Type-K Thermocouple Extension Cable, per foot, with splice kits
- Westach Oil Temp Sender 5/8-18 UNF Thread (Lyc/Cont.)
- VDO 300-004 Oil Pressure Sender, 145 PSI, 1/8-27 NPT
- FT-60 Red Cube Fuel Flow Transducer (0.6-70 GPH)

**V16 RADIO PACKAGES INCLUDES:**

**Description**

- V16 and Razo (3 1/8”) or V16 and Vega (2 1/4”)
- V16 Remote 10 Watt VHF Aviation Transceiver (Compass)
- Vega VHF Control Head (2 1/4” Display)
- Harness- MGL V16 Com & Razor/Vega Control Head-Standard 2-place
- RG 400 Coax Cable for V16/Sandia/EchoUAT, 1 BNC & 1 SMA-8ft
- Harness- VHF Comm Antenna- Delta Pop Red Tail- Bent

**MGL IEFIS EXPLORER**

The Explorer EFIS introduces a custom developed touch pressure sensitive LCD screen aimed exclusively at the small aircraft application. With the ability to accurately measure contact force in all conditions, it becomes possible to utilize the user interface advantages of a touch screen even in turbulent flight. Unlike conventional touch screen technology, MGL’s “tap screen” can be used with gloves, is completely unaffected by sunlight and even uses a polarized anti reflective and anti glare film. The tap screen uses only high quality optical glass in its construction and thus has no negative effects on the image quality, even in difficult light conditions. The tap screen is further designed for Experimental and Light Sport aircraft. It is the next generation EFIS system utilizing a custom developed, pressure sensitive, sunlight readable touchscreen."
ILEVIL 3 SW

The next generation of iLevil is here! and it brings exciting features and capabilities. This portable tool combines the latest in GPS, AHRS, ADS-B, and Data Recording technology to bring pilots an affordable backup solution that is both Android and iOS compatible. The internal GPS and AHRS provides all the navigation information you need to turn your tablet into a real glass panel. The embedded dual band ADS-B receiver allows you to monitor weather radar, METARS, etc in addition to traffic information all at your fingertips AND without any subscription. The iLevil3 SW adds the Data Recording feature which allows you to insert a SD Card and record all of your flight data (position, airspeed, altitude, attitude, etc.) and display the information on various platforms. You have to option to preset your desired file recording format, depending on how you wish to use the data (.gpx, .fdr, or .csv). The SW model also has a large solar panel, outstanding ADS-B reception, enhanced GPS sensitivity and compatibility with your favorite apps making it our most popular product for General Aviation.  

P/N 11-14492 .......................... $1,098.00

ILEVIL PORTABLE ATTITUDE INDICATOR ILEVIL 3 AW

A more advanced system designed for Experimental, Light Sport Aviation, Ultralights or anything else that flies, floats or hovers! The AW provides ADS-B weather and traffic information, GPS navigation, AHRS and Data Recording. Unlike the SW version, the iLevil AW can be used as a portable or permanent-mount instrument. It integrates static and dynamic pressure transducers which make available accurate indicated airspeed and pressure altitude obtained from the pitot static system, ultimately offering a "six-pack" solution displayed on a tablet. The iLevil AW facilitates installation with remote GPS and ADS-B antennas and power inputs for 12V and 28V systems. Compatibility with a wide range of Apps and mobile devices makes the AW the ideal all-in-one solution for a wide variety of aircraft where weight, space and cost are important. The SW has the same capabilities but is smaller and more lightweight. The Data Recording feature allows you to insert a SD Card and record all of your flight data (position, airspeed, altitude, attitude, etc.) and display the information on various platforms. You have to option to preset your desired file recording format, depending on how you wish to use the data (.gpx, .fdr, or .csv).

P/N 11-14493 .......................... $1,525.00

ILEVIL SPORT PORTABLE AHRS GPS

The Sport combines the latest in GPS and AHRS technology to bring pilots an affordable backup solution that is both Android and iOS compatible. The battery lasts up to 8 hours when fully charged and the solar panels will increase the battery life up to 12 hours on a bright sunny day. The iLevil Sport utilizes WiFi technology to sync as many devices as you want simultaneously! The integrated serial port is designed to relay information from external devices such as the NAVWorx ADS600-B ADS-B transceiver, providing certified GPS, Weather and Traffic information to your mobile devices on top of back-up AHRS. Take it from airplane to airplane or leave it installed, the iLevil Sport will provide peace on mind on every flight!  

Note: The iLevil Sport does not have an on-board ADS-B receiver.  

P/N 11-12462 .......................... $1,125.00

ILEVIL BOM WITH ADS-B STANDARD TURBINE 100-210 KNOTS

The BOM Broadcasting Outer Module is a wireless aerodynamic pod that mounts underneath the wing of an aircraft. The BOM measures angle of attack, indicated airspeed, WAAS GPS, AHRS, ADS-B in, and data recording. It provides an affordable solution with the peace of mind to safely overcome any instrument malfunction or related emergency. It’s also an affordable way to modernize a vintage aircraft without using a single wire. Compatible with IOS and Android platforms (iPad and strut mount not included).

Features:  
- Angle of Attack (AOA)  
- Heated Pitot Static for indicated airspeed  
- WAAS GPS  
- High-performance AHRS and solid-state technology  
- ADS-B In Receiver for weather and traffic  
- Self-powered and self-charging system  
- Wireless Platform offering iOS/Android compatibility  
- Automatically power on/off with the vibration of the engine  
- Small and lightweight  
- Records flight date with SD card

In The Box:  
- Wireless Broadcasting Outer Module unit  
- USB to mini USB cable  
- Mounting Brackets  
- Bracket screws  
- Protector case with Magnetic Switch  
- Remove Before Flight flag  
- NORSEE papers  
- Micro SD card

With ADS-B In .......................... P/N 11-19461 .......................... $2,160.00  
Without ADS-B In .......................... P/N 11-19537 .......................... $1,836.00

ILEVIL BOM WITH ADS-B STANDARD TURBINE 60 - 100 KNOTS

The BOM Broadcasting Outer Module is a wireless aerodynamic pod that mounts underneath the wing of an aircraft. The BOM measures angle of attack, indicated airspeed, WAAS GPS, AHRS, ADS-B in, and data recording. It provides an affordable solution with the peace of mind to safely overcome any instrument malfunction or related emergency. It’s also an affordable way to modernize a vintage aircraft without using a single wire. Compatible with IOS and Android platforms (iPad and strut mount not included).

Features:  
- Angle of Attack (AOA)  
- Heated Pitot Static for indicated airspeed  
- WAAS GPS  
- High-performance AHRS and solid-state technology  
- ADS-B In Receiver for weather and traffic  
- Self-powered and self-charging system  
- Wireless Platform offering iOS/Android compatibility  
- Automatically power on/off with the vibration of the engine  
- Small and lightweight  
- Records flight date with SD card

In The Box:  
- Wireless Broadcasting Outer Module unit  
- USB to mini USB cable  
- Mounting Brackets  
- Bracket screws  
- Protector case with Magnetic Switch  
- Remove Before Flight flag  
- NORSEE papers  
- Micro SD card

With ADS-B In .......................... P/N 11-19536 .......................... $2,160.00  
Without ADS-B In .......................... P/N 11-19462 .......................... $1,836.00

WWW.AIRCRAFTSPRUCE.COM
**CAMERA SYSTEMS**

**MYPILOTPRO MOUNTS FOR GOPRO CAMERAS**

**PIVOT MOUNT**

MyPilotPro is perfect for any private pilot or student pilot who wants to relive their flying experience on a GoPro. The mount will attach to any aircraft's rear or wing tie down. A 3-way pivot arm is included to compensate for the wing dihedral angle. Compatible with all GoPro cameras. Made in the USA. P/N 13-18886 $69.95

**SWIVEL MOUNT**

MyPilotPro Swivel teamed up with RAM Mounts to deliver the best and most versatile GoPro aviation mount in the industry! MyPilotPro Swivel allows your GoPro to articulate in any direction or angle. Attaching MyPilotPro Swivel to your airplane tie downs is simple, secure, and doesn't require any tools. It is compatible with all GoPro cameras. Made in the USA. P/N 13-18888 $94.95

**SPIDER MOUNT**

MyPilotPro Spider is a small footprint and effective design allows you to attach it to any non-porous surface inside the cockpit. The Spider mount is perfect for straight forward filming from the windshield! Attaching the Spider mount could not be easier, just simply put it where you want and push on the top of each suction cup. The suction cups are rated to hold more than 7 times the weight of a GoPro camera, GoPro camera case, and the mount combined! Once you mount the Spider, it's there to stay until you release the suction by pulling on the tabs. The Spider is compatible with all GoPro cameras. Made in the USA. P/N 13-18889 $34.95

**MYPILOTPRO HELICOPTER GOPRO MOUNT**

The MyPilotPro Helicopter GoPro mount is designed to stand up to harsh conditions. Helicopter experience during flight including high G-force and extreme weather. They come in 4 sizes from 0.5" diameter all the way through 2.5" diameter. You can attach them to a wide range of tubular structure on your helicopter from the landing skids down to the smallest tube.

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**FLIGHTCAM360 4CH VIDEO FLIGHT RECORDER**

4ch Digital Video Flight Recorder with audio and optional GPS, Wifi, or WCDMA. All Audio/Video is captured to an SD card (128Gb max) at D1 max resolution (720x480@30fps). Each camera (4 max) has it’s own associated SD card. Audio is captured from the intercom panel with a supplied audio cable. The Flight recorder can output video in single channel or quad style format to any NTSC/PAL type monitor for live viewing. Most EFIS units today accept this type of video format as an input. The flight recorder can be configured to record with aircraft power applied, motion activation, or alarm triggers. This is a compact rugged package that makes it convenient for evidence collection activities, training system, or reliable scenic video capture package.

**Description** | **Part Number** | **Price**
---|---|---
Standard | 11-14283 | $1,499.99
with GPS | 11-14284 | $964.00
with WiFi or 3G WCDMA | 11-14285 | $1,058.00

**FLIGHTCAM360 VIDEO FLIGHT RECORDER POD CAMERA**

FlightCam360 Video Flight Recorder Pod Camera. • Sony color ccd 700 scan-line optics • Waterproof • 12v operation (power regulation needed) • Aerodynamic aluminum POD mount • POD mount has internal eyeball style swivel capabilities • Camera features interchangeable lenses to provide different FOV and depth of field. P/N 11-14286 $771.00

**VISIT OUR WEBSITE FOR MORE NFLIGHT ACCESSORIES.**

**SPIDER SWIVEL MOUNT**

MyPilotPro Spider Swivel is the ultimate cockpit GoPro mount! It articulates in any angle and direction to record your GoPro aviation footage. It’s small footprint and effective design allows you to attach it to any non-porous surface inside the cockpit. Attaching the Spider Swivel mount could not be easier, just simply put it where you want and push on the top of each suction cup. The suction cups are rated to hold 5 times the weight of a GoPro camera, GoPro camera case, and the mount combined! Once you mount the Spider Swivel, it’s there to stay until you release the suction by pulling on the tabs. The Spider Swivel is compatible with all GoPro cameras. Made in the USA. P/N 11-14286 $771.00

**Features:**
- Mount is made of high strength phenol resins • Stainless steel hardware • Suction cups rated to 3 lbs • Length 3.75” between tips of suction cups • Width 3.75” between tips of suction cups • Height 4.5” • Weight 4.7 oz (including all hardware) • Not designed for exterior aircraft use. P/N 13-18890 $49.95

**MPP ROBINSON HELICOPTER GOPRO SKID MOUNT**

MPP’s Robinson GoPro Skid Mount is modeled after MPP’s very popular fixed wing Swivel mount design and is made to withstand the harsh conditions helicopters experience during flight including high G-force and extreme weather. The mount attaches to the ground wheel assembly which gives you a great perspective in your video footage!. We are proud authorized partners of Ram Mounts® and we use some of their components on MPP’s GoPro Helicopter mounts which allow you to point your camera in virtually any angle and direction. P/N 13-24034 $93.75
CAMERA SYSTEMS

FLIGHTCAM360 BLIND SPOT ELIMINATOR

- Aircraft Camera
- 4 Camera Views
- Flightcam360 Blind Spot Eliminator, Great for Tail Dragger type airplanes, Can be placed anywhere on the aircraft to increase visibility • Blind Spot Eliminator

Package Contents: • 4” Color LCD Monitor (1) • 12Volt Input Wire Harness (1) • Sony 550 CCD Color Camera (1) • RAM ball and socket camera mount (2) • Note: Video recording can be added separately.

P/N 11-08138 ........ $749.95

FLIGHTCAM360 VIDEO DATA SYNCH BOX

Package Contents: • Data Acquisition Box (1) • Wire harness (1) • GPS Receiver Puck (1) • Air Speed -Altitude -Heading -Location Option: - Garmin Data Port Cable - GPS receive puck.

12-32v input. Rugged aluminum housing construction. Simple 3 button design. Automatic real-time GPS data overlay on to composite video stream. Less than 1amp power draw. RCA style video input/output

Note: The video data synch box can be added to any standard composite video recording system.

P/N 11-08137 ........ $725.00

NFLIGHTCAM STRUT CLAMP MOUNT

Mount your GoPro, Garmin, or any action camera with a 3-finger (GoPro-style) mount or 1/4”x20 threaded socket to almost any aircraft strut in seconds. This strut clamp will fit anything from a J3 Cub to a Cessna Caravan. Quickly and securely attach your camera by adjusting the clamp to the size of your strut and securing it with the included UV-resistant polyurethane strap. This is not your normal rubber strap; We partnered with long-time outdoor equipment manufacturer, Voile, to produce an extremely tough rubber strap that will not degrade over time.

Specifications:
- Material: 18-8 stainless steel and 6061-T6 aircraft-grade aluminum, milled and anodized
- Maximum Demonstrated Speed: 250mph

Compatibility:
- GoPro, Garmin, Sony, Nikon, FlyCam360, and most other action cameras with a 3-finger or 1/4”x20 mount
- Not compatible with RAM mount products
- Camera not included

P/N 11-14878 ........ $149.99

FLIGHTCAM360 CABLES

FlightCam360 Cables for Flight Recorders.
- 6 Feet ........................................................ P/N 11-14287 ........ $47.50
- 15 Feet ........................................................ P/N 11-14288 ........ $47.50
- 30 Feet ........................................................ P/N 11-14289 ........ $47.50
- 45 Feet ........................................................ P/N 11-14290 ........ $47.50

STRUT CAMERA MOUNT FOR CESSNA

The W3 Camera Mount by Cloudbase Engineering has been specifically designed to mount industry standard action cameras to the wingstrut on General Aviation aircraft. In addition to aircraft, The W3 Mount can also be reconfigured to attach to tubular structures between 1.13” and 2.80” in diameter. Not FAA Approved.

W3 Cessna Strut Camera Mount with 7’ long strap: 140a 150 152 170 172 175 & Glasia Sportman

P/N 13-14981 ........ $128.95

W3 Cessna Strut Camera Mount with 9.25’ long strap: 185 205 206 210

P/N 13-14983 ........ $128.75

ROCK STEADY UNIVERSAL WING STRUT MOUNT AND RUBBER STRAP

The Rock Steady GoPro style ball mount is the durable and versatile low profile design that you have been looking for. This quality all metal mount will not move, bend, or fail, unlike plastic mounts. The metal GoPro adapter is compatible with any GoPro style camera. This unique Gopro adapter allows over 180 degrees of adjustment unlike most GoPro fork tripod adapters. The knuckle clamp attaches to any Rock Steady base allowing 360 degrees of adjustment. The knuckle locks your camera into any position with a hex wrench, or by hand with an included T-handle screw. Buy multiple Rock Steady bases to add numerous quick change mounting locations at an affordable price. Compatible with GoPro, Hero 2, Hero 3 & 3+, Hero 4, 5 and Garmin Virb X and Virb XE or any Go Pro style camera.

P/N 11-15324 ........ $109.95

DEOHAKO PROPSHOT SMARTY MOUNT WITH LENS

Deohako PropShot Lens - Filtered lens to remove propeller distortion from in-flight videos and photos. Adjustable Lens Positioning -compatible with most smart phones. Universal Smartphone Grip. Rotating Ball Head - Position smartphone at any angle to capture in amazing flight footage. Quick Release, Strong, Wide, 4” Suction base.

P/N 13-14857 ........ $78.95

WINGIT MOUNT FOR CESSNAS

WingItMounts™ have taken photography to a higher level by mounting cameras to wing strut and taking unique and exciting views of flights. Holding up to three Gopro cameras, you will be able to capture your flights form unique and exciting views all at the same time. Milled from Aircraft grade aluminum all WingItMounts™ are made to the highest quality materials. No screws or fasteners are needed to attached the WingItMounts™ WIMGP-01 to your airplane. Applications: Cessna: C-150, C-152, C-170, C-172, C-180 or C-182. Camera not included.

P/N 11-11472 ........ $119.95

Prices Subject to Change Without Notice - Valid as of June 1, 2023.
COMANT CI-428-200 COMDAT ANTENNA
The CI-428-200 ComData GPS WAAS antenna is specifically designed to meet the GPS WAAS Gamma 3 specifications required by the Garmin G1000 system and matches the standard ARINC footprint found on many twin engine and business jets. It meets the RTCA DO 160D operating standards including direct effects lighting. Gamma 3 WAAS allows for primary navigation using GPS for all phases of flight including precision LPV approaches .............P/N 11-18311 ........$668.00

COMANT CI-268-60 VHF COMDAT BLADE ANTENNA
The CI-268-60 uses the same radome as the multi-function ComDat antenna providing a matching look. The built-in notch filter allows installation in close proximity to GPS antennas without co-sight interference .........................P/N 11-18307 ..........$1,175.00

COMANT SAR TRI-BAND SINGLE PORT BLADE ANTENA
The CI-295-300 tri-band, single-port, airborne SAR blade antenna is designed to provide frequency coverage to Search and Rescue teams using Motorola’s APX® architecture. For maximum effectiveness and connectivity, the CI 295-300 operates within P25 standards ...............P/N 11-18308 ..........$1,633.00

COMANT GPS ANTENNAS
GPS antenna kits from Comant enable you to install a low profile aerodynamic GPS antenna to the exterior of your aircraft. These antennas are all FAA approved under TSO C129, provide superior GPS signal acquisition, and are resistant to ice build-up in flight. All kits come complete with 10' of coax cable. Call with Comant Part No. for pricing on the Comant CI401, CI405, CI-406, OR CI4510 series antenna you require.

GARMIN GXM USB EXTENSION CABLE
GXM USB extension cable 010-10617-02 for GXM 30 and GXM 40 Satellite WX antennas. P/N 11-06189 ...............$22.50

BENDIX KING GPS ANTENNA KA92
The KA 92 antenna is a compact, aerodynamically-styled “patch” antenna that mounts on top of the aircraft. Weight: 0.30 lbs. (0.14 kg) Width: 2.70 in. (6.86 cm) Height: 0.70 in. (1.78 cm) Length: 4.30 in. (10.92 cm) Antenna .........................P/N 11-04036 ..........$1,659.00 Installation Kt ..................P/N 11-02581 ...........$101.80

COMANT CI-429-410 COMDAT ANTENNA
The CI-429-410 is an FAA TSOq GPS/XM antenna qualified under stringent CI90 WAAS requirements. This antenna will operate with an y DO-301 qualified WAAS GPS system providing full Gamma 2 & 3 and LPV capabilties. The XM portion of the antenna will operate with popular panel mounted systems from Garmin and Heads Up ..............P/N 11-18309 ..........$1,540.00

COMANT FM COMMUNICATIONS EXTENDED ANTENNA
The CI 292-3 FM Extended Band Bent Whip Antenna was designed to provide 2.5:1 VSWR or better over a bandwidth of 138-174 MHz. It features a high-strength die-cast 3-hole aluminum base. The radiating element is a bent-whip tapered stainless steel rod suitable for bottom mounting ................P/N 11-18306 ...............$650.00

COMANT MARKER BEACON ANTENNAS

CI-102 MARKER BEACON
Frequency 75 MHz. For use with the modern, high sensitivity marker beacon receivers. Featuring 4-hole internal mounting for simple installation. Enclosed in an injection molded radome which is impervious to the tough environments typical of the undersurace of an aircraft. Skydrol and rain erosion resistant. DC grounded to minimize accumulation of precipitation static................................P/N 11-17931 .................$234.95

CI-118 MARKER BEACON
Frequency 75 MHz. Designed specifically for high-performance aircraft applications. Features aerodynamic design in a lightweight package. Antenna is a low profile blade-type encased in a molded polyurethane shell. Skydrol and rain erosion resistant ..........P/N 11-17932 ..........$591.00

CI-118 MARKER BEACON (CI-118-1)
Frequency • 75 MHz. Low-drag, lower profile alternative to the popular CI102 “boat style” marker beacon antenna. Approved for medium to high performance single, turbo-prop or jet aircraft and provides simple external mounting. Skydrol and rain erosion resistant. DC grounded to minimize accumulation of precipitation static .....................P/N 11-08847 ...............$389.00

CI-118 MARKER BEACON (CI-118-9)
Frequency 75 MHz. Identical to the CI 118 except for dualmark beacon signal output-satthe antenna, eliminating theneed for separate marker beacon splitter. Antenna is housed in an aluminum enclosure with a glass laminate cover. Internal components are potted in place for mechanical integrity. The CI 164 is designed for curved “crown” surface mounting as is currently used on the Cessna Citation I and II .........................P/N 11-08848 ...............$442.00

CI-118 MARKER BEACON (CI-118-10)
Frequency 75 MHz. This Comant marker beacon is identical to the CI 118 except with a 4-hole through mount configuration. This model has been tested to the tough DO-160D environmental standards. Skydrol and rain erosion resistant. DC grounded to minimize accumulation of precipitation static ................................P/N 11-06989 ...............$1,008.00

COMANT MARKER BEACON (CI-102)
Frequency • 75 MHz. Lightweight flush mount provides for dual marker beacon signal outputs at the antenna, eliminating the need for a separate marker beacon splitter. Antenna is housed in a aluminum enclosure with a glass laminate cover. Internal components are potted in place for mechanical integuity. The CI 164 is designed for curved “crown” surface mounting as is currently used on the Cessna Citation I and II .........................P/N 11-06850 ...............$2,373.00

COMANT MARKER BEACON (CI-165)
Frequency • 75 MHz. Lightweight flush mount marker beacon antenna, provides for dual marker beacon signal outputs at the antenna, eliminating the need for a separate marker beacon splitter. Antenna is housed in an aluminum enclosure with a glass laminate cover. Internal components are potted in place for mechanical integuity. The CI 164 is designed for curved “crown” surface mounting as is currently used on the Cessna Citation I and II .........................P/N 11-06851 ...............$2,469.00

COMANT CI-429-200 COMDATA ANTENNA - WAAS GPS/XM
The CI429-200 ComDat WAAS GPS antenna meets the stringent FAA TSO C190 WAAS requirements while providing full Gamma 2 & 3 and LPV capabilities when connected to any DO-301 qualified WAAS GPS system. It uses a popular ARINC 743A footprint and constructed using tough Skydrol resistant radome and a nickel-plated, aluminum base plate. It includes a Nitrile O-ring providing a positive seal to the skin of the aircraft .........................P/N 11-18310 ...............$719.00

GARMIN GXM USB EXTENSION CABLE
GXM USB extension cable 010-10617-02 for GXM 30 and GXM 40 Satellite WX antennas. P/N 11-06189 ...............$22.50

BENDIX KING GPS ANTENNA KA92
The KA 92 antenna is a compact, aerodynamically-styled “patch” antenna that mounts on top of the aircraft. Weight: 0.30 lbs. (0.14 kg) Width: 2.70 in. (6.86 cm) Height: 0.70 in. (1.78 cm) Length: 4.30 in. (10.92 cm) Antenna .........................P/N 11-04036 ..........$1,659.00 Installation Kt ..................P/N 11-02581 ...........$101.80

COMANT CI-429-200 COMDATA ANTENNA - WAAS GPS/XM
The CI429-200 ComDat WAAS GPS antenna meets the stringent FAA TSO C190 WAAS requirements while providing full Gamma 2 & 3 and LPV capabilities when connected to any DO-301 qualified WAAS GPS system. It uses a popular ARINC 743A footprint and constructed using tough Skydrol resistant radome and a nickel-plated, aluminum base plate. It includes a Nitrile O-ring providing a positive seal to the skin of the aircraft .........................P/N 11-18310 ...............$719.00

WWW.AIRCRAFTSPRUCE.COM Prices Subject to Change Without Notice - Valid as of June 1, 2023.
**COMANT RADIOPHONE / DME ANTENNAS**

**COMANT UHF (CI-177-20)**
- 450-470 MHz. A rugged monopole antenna particularly well-suited to the harsh environments experienced on the underside of an aircraft. Features standard 4-hole mounting, diecast metal base and radiator encased in glass laminate housing. ...........P/N 11-06836 ...........$638.00

**COMANT UHF (CI-200)**
- 450-470 MHz. Rugged monopole antenna particularly well-suited to the harsh environments experienced on the underside of an aircraft. Features a very compact 3-hole mounted die-cast aluminum base with the radiator encased in a glass laminate housing. ...........P/N 11-06837 ...........$650.00

**COMANT UHF (CI-271)**
- 403-512 MHz. Stub antenna designed to withstand the harsh environments associated with the underside of an aircraft. Antenna radiator is mechanically captivated and is sealed against leakage. All exposed metal surfaces are nickel-plated for corrosion resistance and long service. Mounts through a single 0.600" hole. BNC connector is standard. ...........P/N 11-06839 ...........$246.95

**COMANT UHF (CI-273)**
- 403-512 MHz. Wide band UHF antenna designed for high-performance aircraft over the full range of 406-512 MHz. Low profile, blade-type antenna is encased in a low drag, low weight molded body to ensure high reliability. The CI 273 comes standard with a BNC connector. Other connectors available. See order options.

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<th>Connector</th>
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<th>Part No.</th>
<th>Price</th>
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**COMANT UHF (CI-285)**
- Frequency • 400-960 MHz UHF blade antenna designed for high performance aircraft over the full range of 400-960 MHz. Features vertically polarized/omni-directional pattern, extremely wide band/high efficiency electrical performance. DC grounding for lightning protection, 6 hole mounting.
- Note: Comant Antennas no longer come with a gasket or a template.

**COMANT UHF (CI-306)**
- Frequency • 800-870 MHz. Stub-type antenna tuned for the 800-870 MHz radio telephone band. Intended for use on low-flying aircraft and helicopters. CI 306 available with BNC connector and mounts through a single 0.600" inch diameter hole.

**COMANT CI 310-20 RADIOPHONE**
- Frequencies Covered 806-960 & 1030-1090 MHz L Band / UHF blade antenna designed for high performance aircraft. Features vertical/omnidirectional pattern, wide band/high efficiency electrical performance and DC grounding for lightning protection.

**COMANT CI 310-22 RADIOPHONE ANTENNA**
- Frequencies Covered 806-960 & 1030-1090 MHz L Band / UHF blade antenna designed for high performance aircraft. Low profile, light weight antenna and is packaged in a molded body with metal mounting base to ensure stable environmental performance and resistance to vibration, rain erosion and cleaning solvents. Features vertical/omnidirectional pattern, wide band/high efficiency electrical performance and DC grounding for lightning protection.

**COMANT RADIOPHONE / DME ANTENNAS**

**COMANT VHF COMM (CI-211)**
- Frequencies Covered 118-137 MHz. For large twins and medium jet aircraft. Only 8.25 inches high. Upgraded to the new RTCA DO-160D environmental requirements and offers the 118 to 137 MHz frequency associated with DO-186A MOPS. P/N 11-07082 ...........$1,125.00

**COMANT VOR / LOC / GS ANTENNAS**

**COMANT VOR/ LOC/ GS (CI-120G-S)**
- Frequency • 108-118 MHz (VOR/LOC) 329-335 MHz (GS) Antenna system qualified for use on single engine, twin, jet, and helicopter aircraft. Provides glideslope reception capability. Complete set includes a pair (2) of blades, each with single BNC connector output, two coax interconnect cables and a signal combiner output providing for a single cable run to the avionics installation. ...........P/N 11-06801 ...........$1,950.00

**COMANT VOR/ LOC/ GS (CI-120-200G/S)**
- Frequency • 108-118 MHz (VOR/LOC) 329-335 MHz (GS) Antenna system qualified for use on single engine, twin, jet, and helicopter aircraft. Provides glideslope reception capability. Complete set includes a pair (2) of blades, each with single BNC connector output, two coax interconnect cables. Dual output signal combiner providing for separate RF cable runs to the avionics installation for NAV1 and NAV 2 receivers, is included. ...........P/N 11-06802 ...........$2,195.00

**COMANT VOR/ LOC/ GS (CI-120-400)**
- Frequency • 108-118 MHz (VOR/LOC) 329-335 MHz (GS) Designed for the Cessna 182 Series. Complete kit includes a pair (2) of blades, each with a single BNC output, and two coax interconnect cables. Single BNC output phasing combiner providing for a single RF cable run to the avionics installation. ...........P/N 11-06804 ...........$1,913.00

**COMANT VOR/ LOC/ GS (CI-157P)**
- Frequency • 108-118 MHz (VOR/LOC) 329-335 MHz (Glide Slope) "V" dipole VOR/ Glide Slope antenna with fixed elements designed specifically for compatibility with the Piper Aircraft mounting. Radiating elements are not removable. Not approved for helicopter installations. P/N 11-15700 ...........$425.00

**COMANT VOR/ LOC/ GS (CI-158C)**
- Frequency • 108-118 MHz (VOR/LOC) 329-335 MHz (GS) “V” Dipole VOR/LOC/GS antenna with detachable elements mounted on top of the vertical fin stabilizer for most single engine general aviation aircraft. RF design similar to the CI 157P. Integral ferrite balun provides for higher radiation efficiency. Not approved for helicopter installations. Consult your FBO or installation shop for best application information. P/N 11-17923 ...........$440.00

**COMANT VOR/ LOC/ GS (CI-158C-2)**
- Frequency • 108-118 MHz (VOR/LOC) 329-335 MHz (GS) Detachable elements mounts on top of the vertical fin stabilizer offering the four-hole mounting configuration found on many beech aircraft. Detachable elements result in a significantly smaller shipping and storage carton than fixed element versions. Not approved for helicopter installations. ...........P/N 11-06806 ...........$449.00

**COMANT VOR/ LOC/ GS (CI-159C)**
- Frequency • 108-118 MHz (VOR / LOC) 329-335 MHz (Glide Slope) Similar to the CI 158C-3 with the exception of offering 2-hole mount instead of a 4-hole mount. Not approved for helicopter installations. ...........P/N 11-17924 ...........$430.00

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COMANT ANTENNAS

COMANT VOR / LOC / GS ANTENNAS

COMANT GLIDE SLOPE (CI-193)
Frequencies Covered 329-335 MHz (GS) For interior mounting for GS receiver...P/N 11-05200 .......$395.00

COMANT VOR/GS (CI-205-3)
Frequency 108-118 MHz (VOR/LOC) 329-335 MHz (Glide Slope) Mounting on the aircraft vertical stabilizer or helicopter tail boom. Set includes a pair (2) of "towel bar" sensor elements each with a single BNC output connector and a one-piece dual coax interconnect signal combiner harness with a single BNC connector output. Provides for a single cable routing to the avionics location. P/N 11-17926 .......$710.00

COMANT VOR/LOC/GS (CI-215)
Frequencies Covered 108-118 MHz (VOR/LOC), 329-335 MHz (GS) Detachable elements featuring two integrally molded mounting legs or "spacers" for increased strength..........P/N 11-17926 .......$710.00

COMANT VOR/LOC/GS (CI-259E)
Frequencies Covered 108-118 MHz (VOR/LOC), 329-335 MHz (GS) Fixed elements for helicopter aircraft. P/N 11-06809 .......$522.00

COMANT COMDAT GPS ANTENNAS

COMDAT ANTENNA (CI-401-221)
Frequency • GPS 1575.42 +/- 3 MHz Contains stable amplifier that offers great performance. Gain performance at 26.5 to 31.5 dB minimum. Presents very low noise levels at 3.8 dB maximum. Built-in voltage regulator..........P/N 11-04139 .......$634.00

COMDAT GPS (CI-401-221)
GPS antenna with TNC connector. Meets RTCA DO 160-D operating standards including direct effects lighting. Operate with 26.5 dB panel mount GPS receivers. Certified FAA TSO-C144 for GPS and GPS WAAS Class Gamma 1 equipment. Not compliant for GPS WAAS Class Gamma 2 and 3 applications. Not compatible with most portable GPS receiver systems. GPS 1575.42 MHz / 26.5 dB Gain......P/N 11-06795 .......$661.00

COMDAT ANTENNA (CI-401-220)
Stand-alone GPS antenna with TNC connector. Meets RTCA DO 160D operating standards including direct effects lighting. Designed to operate with 26.5 dB panel mount GPS receivers. Certified FAA TSO-C144 for GPS and GPS WAAS Class Gamma 1 equipment. Not compliant for GPS WAAS Class Gamma 2 and 3 applications. Not compatible with most portable GPS receiver systems. GPS 1575.42 MHz - 26.5 dB Gain. P/N 11-05848 .......$432.00

COMDAT GPS (CI-420-221)
Stand-alone GPS antenna with TNC connector. Meets RTCA DO 160D operating standards including direct effects lighting. Designed to operate with Garmin 17.0 dB panel mount GPS receivers. Not compatible with most portable GPS receiver systems. GPS 1575.42 MHz - 17.0 dB Gain. P/N 11-04291 .......$451.00

COMANT COMDAT GPS/XM ANTENNAS

COMDAT GPS/XM (CI-420-420)
Frequencies • GPS 1575.42 MHz / 26.5 dB Gain XM 2332.5-2345.0 /30-34 dB Gain. GPS and XM Weather antenna. Designed for compatibility with panel mount 26.5 dB gain GPS receivers. Add XM to an existing GPS antenna location without the need for a completely new installation location. Certified FAA TSO-C144 for GPS and GPS WAAS Class Gamma 1 equipment. Not compliant for GPS WAAS Class Gamma 2 and 3 applications. Not compatible with most portable GPS receiver systems........P/N 11-05852 .......$1,106.00

TED ADS-B ANTENNA
978MHz TED ADS-B monopole transmits antenna. The outer shell and element is nickel plate and the center conductor is gold over nickel plate. P/N 11-13561 .......$26.95

COMANT COMDAT VHF/GPS ANTENNAS

COMDAT VHF/GPS (CI-2480-200) - Dual function single engine antenna for VHF/GPS. For popular 26.5 dB gain GPS panel mount systems. Certified FAA TSO-C144 for GPS and GPS WAAS Class Gamma 1 equipment. Not compliant for GPS WAAS Class Gamma 2 and 3 applications. VHF 118-137 MHz GPS 1575.42 MHz / 26.5 dB Gain...............P/N 11-05650 .......$949.00

COMDAT ANTENNA (CI-2480-201) - 1575.42 MHz 17dB Gain 118 - 137 MHz VHF. Separate connectors for GPS and VHF. GPS is protected from VHF harmonics. Designed for use with Garmin’s™ panel mount GPS systems that require 17dB gain. .................P/N 11-05849 .......$1,029.00

COMDAT ANTENNA (CI-2580-200) - 1 The CI 2580-200 is Comant’s newest ComDat VHF/GPS antenna designed specifically to meet the GPS WAAS Gamma 3 specifications required by the Garmin G1000 system. The patented technology provides 80 dB of VHF harmonic suppression offering VHF and GPS in one radome without in-line filters. Gamma 3 WAAS allows for primary navigation using GPS for all phases of flight including precision LPV approaches. P/N 11-11545 .......$1,339.00

COMANT COMDAT VHF/GPS ANTENNAS

COMDAT VHF/GPS (CI-2680-200) - Designed for use with Aircell Broadband Systems (ABS). Single and twin engine piston aircraft for applications of this antenna design. Some light turbine and light jets. Consult your FBO or installation shop for best application information. VHF 118-137 MHz GPS 1575.42 MHz / 26.5 dB Gain. P/N 11-06799 .......$1,471.00

COMANT COMDAT XM ANTENNAS

COMDAT XM (CI-420-10) - XM 2332.5-2345.0 /25.0 dB Gain. For Garmin GDL 69/69A receivers and Heads Up Technologies (HUT) receivers with short coaxial cable runs. Feature robust TNC female connector. P/N 11-06798 .......$894.00

COMDAT XM (CI-420-16) - XM 2332.5-2345.0 /26-30 dB Gain. For Heads Up Technologies (HUT) receivers with longer coaxial cable runs. Features robust TNC female connector. P/N 11-07999 .......$934.00

COMANT ATTENUATOR, SPLITTERS, COUPLERS, & DUPLEXERS

COMANT SPLITTER (CI-5120) DUAL VOR/LOC/GS - 108-118 MHz & 329-335 MHz. For use with Garmin GTN 650/750i and similar systems. Splits single coax antenna input into equally proportioned VOR/LOC/GS outputs. .................P/N 11-08626 .......$329.00

CI-502 Dual VOR Coupler – Allows the simultaneous use of two VOR receivers from one VOR antenna.........P/N 11-17975 .......$249.95

CI-503 Dual GS Diplexer – Permits operation of two glide slope receivers from one glide slope antenna.........P/N 11-17976 .......$236.95

CI-505 VOR/GS Triplexer – Permits operation of two NAV & one glide slope receiver from 1 VOR/LOC antenna...P/N 11-17977 .......$294.95

CI-507 Single VOR/GS Diplexer – Provides the operation of one VOR and one glide slope receiver from one VOR/GS antenna. P/N 11-17980 .......$199.85

CI-509 COMANT COUPLER MARKER BEACON - Permits the use of two marker beacon receivers from one marker beacon antenna........P/N 11-08852 .......$223.95

CI-1125 VOR/GS Quadruplexer – Permits operation of two NAV & two glide slope receivers from 1 VOR/LOC antenna and 1 VOR/GS antenna. P/N 11-03777 .......$269.00

COMANT VHF 259 CONNECTOR - UHF Connector/RG58/SGL Crimp. P/N 11-13087 ..........$43.50

MINI CIRCUITS GARMIN COMPATIBLE COAX POWER SPLITTER - Ideal for use in installations of Garmin devices, the ZFSC-2-1B is a coaxial power splitter and/or combiner available at an excellent price point that is identical to Garmin’s part #013-00112-00. The ZFSC-2-1B can be used in VHF and UHF applications, instrumentation, and communications systems. ..........P/N 11-13045 .......$99.85

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DM C63-1/A COM ANTENNA
Frequency Range 118-137 MHz. The DM C63-Series antennas are VHF communication antennas designed for high mechanical strength with machine tapered aluminum alloy radiating elements. These vertically polarized antennas cover the frequency range of 118-137 MHz for both transmitting and receiving applications. Supplied with a gasket and a doubler plate. P/N 11-02764 $368.00

DM C63-2 COM ANTENNA
118-137MHz Bent Rod For Bottom Installation, Frequency Range 118-137 MHz. The DM C63-Series antennas are VHF communication antennas designed for high mechanical strength with machine tapered aluminum alloy radiating elements. Cover the frequency range of 118-137 MHz. The DM C63-2 is a low profile “bentback” radiating element designed for mounting on the bottom of the fuselage. P/N 11-02765 $410.00

DM C63-3/A ANTENNA
VHF communication antenna designed for high mechanical strength with machine tapered aluminum alloy radiating elements. These vertically polarized antennas cover the frequency range of 138-174 MHz for both transmitting and receiving applications. Low profile “bentback” radiating element designed for mounting on the bottom of the fuselage. Supplied with a gasket and a doubler plate. P/N 11-02766 $494.00

DM C70-1/A COM ROD ANTENNA
Designed for top or bottom installation on high-performance, single, twin and turbo engine fixed and rotary wing aircraft. These uniquely designed antennas offer mechanical strength and high-electrical efficiency to provide maximum reliability and full 360/720 channel transceiver operation. Height: 15”. Speed Rating: 400 mph. P/N 11-02768 $689.00

DM C70-3 COM ROD ANTENNA
Designed for top or bottom installation on high-performance, single, twin and turbo engine fixed and rotary wing aircraft. Offer mechanical strength and high-electrical efficiency to provide maximum reliability and full 360/720 channel transceiver operation. Height: 20.5”. Speed Rating: 250 mph. P/N 11-02769 $1,077.00

DM C70-4 COM ANTENNA
Designed for top or bottom installation on high-performance, single, twin and turbo engine fixed and rotary wing aircraft. These uniquely designed antennas offer mechanical strength and high-electrical efficiency to provide maximum reliability and full 360/720 channel transceiver operation. P/N 11-02770 $914.00

DM N70-2 COM ANTENNA
L-band metal blades with extended bandwidth for use with both transponders or distance measuring equipment. Sealed and waterproofed for increased reliability. P/N 11-02767 $426.00

DM N48-1 NAV ANTENNA
Balanced loop design assures an omnidirectional radiation pattern at the horizon to obtain the maximum signal for standard VOR and area navigation systems installed in lightweight aircraft, medium twins, and helicopters operating up to 250 mph. Dual VOR receiver operation is obtained when the antenna is used with the DM H21-1 diplexer. P/N 11-02771 $1,428.00

DM C70-6 VHF COMM BROADBAND ANTENNA
The C70 Series VHF Communication Antennas are designed to be installed on the top or bottom on high-performance, single, twin and turbo engine fixed and rotary wing aircraft. P/N 11-15523 $758.00

DM H21-2 - Dual Market Beacon or Dual VOR……/P/N 11-02772 $248.95
DM H21-1 - Single G/S or Single VOR………………/P/N 11-02773 $252.00
DM H22-1 - Triplexer-Dual VOR & Single G/S……/P/N 11-02774 $314.00
DM H69-1 - Quadruplexer-Dual VOR & Dual G/S……/P/N 11-02775 $379.00
DM H24-1 - Diplexer, Dual G/S………………/P/N 11-02776 $296.95

DORNE & MARGolin NAV ANTENNA SPLITTERS
DM 02774

ANTENNA INSTALLATION TEMPLATES
Custom designed templates improve the antenna sealing process, making it more precise, efficient and cost-effective.

Each Sealing Guide template is custom designed to correspond to an individual antenna. They consist of 2 pieces, one inner part and one outer part. The inner template adheres to the base of the antenna, the outer template is placed on the body of the aircraft surrounding the antenna. Sealant is applied to the gap between the templates. Sealant is applied to the gap between the templates. When the templates are removed and discarded, the sealant is left to cure, resulting in a clean, precise and smooth seal. Each template is custom designed to correspond to an individual antenna. You will no longer need to laboriously cut and paste various lengths of tape, trying to fit them around the irregular antenna shape. The Sealing Guide template consists of 2 pieces, one inner part and one outer part. Application is simple. The inner template adheres to the base of the antenna, and the outer template is placed on the body of the aircraft surrounding the antenna. Sealant is applied to the gap between the templates. The templates are then removed and discarded. The sealant is left to cure, resulting in a clean, precise and smooth seal. Incorporating the “Sealing Guide” system into your sealing process will significantly reduce labor time.

For use with the following antennas: Part No. Price
CI-100 Series, CI-105-6, CI-105-7, CI-110-40 $379.00
Series, CI-110-41 Series, CI-110-60 Series, $914.00
S65-5366-5L, S65-5366-10L, S65-5366-10LC, $25.85
S65-5366-4 Series, AV-741, DM N150 Series, DM $26.95
N170 Series
CI-121, CI-122, CI-177, CI-177-1, CI-177-3, $26.95
CI-177-4, CI-177-20, CI-291, CI-292-1, $26.95
CI-292-2, CI-292-3, CI-292-4, CI-222, CI-222-1, $26.95
CI-4510, CI-317, CI-405 Active Series, CI-405- $26.95
26 Active, AV-10, AV-14, AV-17
CI-401 Series ACT, CI-401 Series PAS, S67- $26.95
1575-135, S67-1575-145, AV-GPS, DM N1021-1 $26.95
S67-1575-137

TED 4-70 GPS NOTCH FILTER
Your global positioning system receives its positional information at 1575.42 MHz. The communications radios on-board your aircraft typically broadcast in the 121.5 MHz range. That is a wide separation in frequency bandwidth but it’s not the complete picture. Your comm’s are also producing harmonics which can produce significant noise at the GPS frequency. Now you can filter that signal and avoid potentially hazardous situations.

A simple low cost way to clean up the receivers frequency environment. The TED 4-70 notch filter installs quickly and easily via standard BNC bayonet couplings, in-line between radios and antenna. The 4-70 rejects in excess of 50dB of 1575.42 signal at the source. Each filter is individually tuned and checked to assure maximum performance. Of course, the 4-70 also passes stringent environmental criteria so important in aircraft applications. Major GPS manufacturers recognize this problem & recommend using the 4-70 on new and retrofit installation.

P/N 11-02204 $118.75
**RAMI ANTENNAS**

**ANTEENA AV-1**

is a base station antenna for communications with ground vehicles or aircraft. It has heavy-duty construction with 3/8" diameter aluminum radials, a 1" diameter aluminum tube radiator, and is iridite-treated for durability. It mounts easily to a 1" diameter pipe or a 1-1/4" O.D. tube with the use of set screws. Application: VHF Communications Frequency: 118 to 137 MHz Impedance: 50 Ohms Nominal VSWR: 2.0 to 1 Maximum Polarization: Vertical Pattern: Omni-Directional Connector: Type PL-259 Max Weight: 1.0 lbs Max Height: 34 RF Power Capacity: 500 Watts AV-1 Base Station P/N 11-05966 $333.00

Radial Rod for AV-1 P/N 11-14053 $21.50

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**VHF COM ANTENNA AV-3**

is a low profile snap-in mounting quarterwave antenna for use on surface vehicles. It has a solderless cable connection at the antenna and is supplied with 12 feet of cable and PL-259 connector. Application: VHF Communications Frequency: 118 to 137 MHz Impedance: 50 Ohms Nominal VSWR: 1.5 to 1 Maximum Polarization: Vertical Pattern: Omni-Directional Connector: Type PL-259 Max Weight: 2.5 lbs Max Height: 55" (field-cutable) RF Power Capacity: 100 Watts P/N AV-3 $165.75

Radiator Whip & Ball for AV-3 Antenna P/N 11-05965 $35.90

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**VHF “BROAD BAND” COM ANTENNA**


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**BASE STATION ANTENNA**

Ground Plane 118-136 MHz Application: VHF Communications Frequency: 118 to 137 MHz Impedance: 50 Ohms Nominal VSWR: 1.5 to 1 Maximum Polarization: Vertical Pattern: Omni-Directional Connector: Type PL-259 Max Weight: 1.0 lbs Max Height: 34" RF Power Capacity: 100 Watts P/N AV-5 $189.75

Radial Rod for the AV-5... P/N 11-14054 $21.50

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**RAMI AV-7-1A 5/8 WAVE VEHICULAR COM ANTENNA ONLY AND ACCESSORIES**

The AV-7 is a high performance vehicular antenna for use on all surface vehicles where communications on the aircraft VHF COM frequency band are required. Heavy duty constructed with a tapered 17-7PH stainless steel whip and spring mount. All exposed fittings are chrome-plated brass or stainless steel. Mounting is easily achieved on rooftop, cow, fender or other suitable location via a magnetic or fixed “NMO” base. The antenna comes pre-tuned to operate in the aircraft VHF COM frequency band of 118-137 MHz.

AV-7-1A Antenna Only: 44.5" Length P/N 11-14037 $165.75

AV-7-3F Fixed base model only 17" cable with BNC connector not attached P/N 11-14038 $165.75

AV-7-2M Magnetic base only 12" cable with BNC connector attached P/N 11-14039 $81.75

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**RAMI AV-7F FIXED MOUNT 5/8 WAVE VEHICULAR COM ANTenna**

ANTENNA AVH/VHF communications, fixed Mount, 118-137 MHz, spring loaded base, includes: 17" cable with unattached BNC Connector. Antenna with fixed mount base: 17" cable with BNC Connector attached. The AV-7 is a high performance vehicular antenna for use on all surface vehicles where communications on the aircraft VHF COM frequency band is required. Heavy duty constructed with a tapered 17-7PH stainless steel whip and spring mount. All exposed fittings are chrome-plated brass or stainless steel. Mounting is easily achieved on rooftop, cow, fender or other suitable location via a fixed “NMO” base. The antenna comes pre-tuned to operate in the aircraft VHF COM frequency band of 118-137 MHz.

P/N 11-14035 $189.75

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**RAMI AV-7M MAGNETIC 5/8 WAVE VEHICULAR COM ANTENNA**

ANTENNA AVH/VHF communications, whip type, magnetic base, 118-137 MHz, includes: 12" cable with attached BNC Connector. Antenna with magnetic base: 12" cable with “BNC” connector attached. The AV-7 is a high performance vehicular antenna for use on all surface vehicles where communications on the aircraft VHF COM frequency band is required. Heavy duty constructed with a tapered 17-7PH stainless steel whip and spring mount. All exposed fittings are chrome-plated brass or stainless steel. Mounting is easily achieved on rooftop, cow, fender or other suitable location via a magnetic base. The antenna comes pre-tuned to operate in the aircraft VHF COM frequency band of 118-137 MHz.

P/N 11-14036 $207.95

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**ANTENNA AV-15**

Used with aviation, land mobile radio and flight phone bands. Chrome-plated ball tip provides low noise static discharge. Designed to operate at speeds up to 350 mph and altitudes of 50,000 ft. It has a drag force of 0.75 lbs @ 250 mph.

P/N 11-06993 $201.95

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**VHF “BROAD BAND” ANTENNA** - Rod type. Silver plated braid radiator encapsulated in fiberglass tube with white epoxy finish. Die cast aluminum base. 118-136 MHz. Weight: 8 oz. BNC termination. Supplied with weather sealing rubber pad and mounting hardware. Application: Airborne Communications Frequency: 118 to 136 MHz Impedance: 50 Ohms Nominal VSWR: 1.5 to 1 Maximum Polarization: Vertical Pattern: Omni-Directional Connector: Type “BNC” Female Max Weight: 8 oz Max Height: 20-1/4" RF Power Capacity: 25 Watts P/N AV-529 $204.95

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**VHF COM ANTENNA** - Stainless steel bent whip antenna with insulator and mounting hardware, 118-136 MHz. Weight: 3-1/2 oz. Application: Airborne Communications Frequency: 118 to 137 MHz Impedance: 50 Ohms Nominal VSWR: 3.0 to 1 Maximum Polarization: Vertical Pattern: Omni-Directional Connector: N/A Max Weight: 6 oz Max Height: 19-1/2" RF Power Capacity: 50 Watts P/N AV-534 $95.75

AV-534 Install Kit P/N 11-14061 $31.50

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**MARKER BEACON ANTENNA** - Boat Type Application: Marker Beacon Frequency: 75 MHz Impedance: 50 Ohms Nominal VSWR: 1.6 to 1 Maximum Connector: Type “BNC” Female Max Weight: 6.25 oz Max Height: 2-1/2" RF Power Capacity: Receive only P/N AV-569 $179.85

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**RAMI AV-801 GPS WAAS ANTENNA** - The AV-801 WAAS GPS antenna is designed specifically to meet FAA TSO-C190 specifications. Qualification testing includes meeting the requirements of RTCA DO-301 and DO-181C. The AV-801 fits and functions matches the ARINC 743A standard found on many general aviation aircraft up to and including business jets.

P/N 11-14354 $312.00

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**TRANSPODER ANTENNA** - Chrome plated, phosphor bronze radiating element mounted in Teflon insulator. Ball tip for low-noise static discharge. May be installed from the outside. Can also be used as an ABS-B Antenna. TSOd. 1030-1090 & 978 MHz. BNC connector. Wt. 1 oz.

P/N AV-22 $89.95

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**RAMI AV-11 TRANSPONDER ANTENNA** - The AV-11 is a non-certified transponder antenna for experimental aircraft, similar to the TED 104-12 antenna. This rod style transponder antenna utilizes a BNC connector and requires a smaller mounting hole. The antenna is designed to operate at speeds up to 350 mph and altitudes up to 50,000 feet. It has a drag force of 0.41 lbs @ 250 mph.

P/N 11-14050 $41.50

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**RAMI AV-21 RADIO TELEPHONE ANTENNA**

The AV-21 is a rod style broadband radio telephone antenna which utilizes a BNC connector that allows for a small mounting hole. The antenna is designated to operate at speeds up to 350 mph and altitudes up to 50,000 feet. It has a drag force of 0.41 lbs. @ 250 mph.

P/N 11-16525 $253.95

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**RAMI TRANSPONDER/DME ANTENNA (AV-74)**

The AV-74 (.425 Stud Length) & the AV-74-1 (.800 Stud Length) are a broadband blade type antenna for transponders or DME application. The antenna housing is constructed of an acrylonitrile-styrene-acrylic (ASA) shell. The white color allows maximum performance without losses due to color pigments or unseen dirt. The antenna is supplied with cellular noempve mounting pad and hardware. The antenna is designed to operate at speeds up to 350 mph and altitudes up to 50,000 ft. It has a drag force of 0.09 lbs. @ 250 mph. This antenna is a direct replacement for the CI-105. Application: Transponder/DME Frequency: 960 - 1220 MHz Impedance: 50 Ohms Nominal VSWR: 1.5:1 Maximum Polarization: Vertical Pattern: Omni-Directional Connector: Type “BNC” Female Max Height: 4" RF Power Capacity: 2.5 kW Peak FAA TSO: C66c, C74c.

AV-74 (.425 Studs) P/N 11-05846 $142.85

AV-74-1 (.800 Studs) P/N 11-13996 $146.95

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**Www.aircraftspruce.com**
AV-10 COMMUNICATIONS ANTENNA
4-bolt design for high-performance aircraft applications. Identical in mounting and appearance to Cessna communications antennas. Rated to 250 knots. Equivalent to Comant CI-122 antenna. WT. 8 oz. Ht. 17-1/2’ Application: Airborne Communications Frequency: 118 to 137 MHz Impedance: 50 Ohms Nominal VSWR: 2.0 to 1 Maximum Polarization: Vertical Pattern: Omni-Directional Connector: Type “BNC” Female Max Weight: 8 oz Max Height: 20-1/4” RF Power Capacity: 25……….P/N 11-12600 …….$185.00

PUBLIC SERVICE AND BUSINESS BAND ANTENNA AV-14

AV-17 COMMUNICATIONS ANTENNA
4-bolt design for mounting to the underside of an aircraft. Low profile configuration makes it ideal for helicopters and low-wing aircraft. Equivalent to Comant CI-122 antenna. WT. 8 oz. Ht. 8-3/4” Application: Airborne Communications Frequency: 118 to 137 MHz Impedance: 50 Ohms Nominal VSWR: 3.0 to 1 Maximum Polarization: Vertical Pattern: Omni-Directional Connector: Type “BNC” Female Max Weight: 8 oz Max Height: 8-3/4” RF Power Capacity: 25 Watts. P/N 11-12600 …….$249.95

ANTENNA AV-64 - Marker beacon antenna designed for very low drag. Supplied with cellular neoprene mounting pad and hardware. Designed to operate at speeds up to 350 mph and altitudes up to 50,000 ft. It has a drag force of 0.22 lbs @ 250 mph. P/N 11-06994 …….$159.75

RAMI AV-289 TRANSPONDER / CELLULAR / WIFI / UMTS ANTENNA
The AV-289 is a broadband blade type antenna for application such as transponder, cellular, 4G, GSM, PCS, WIFI, and UMTS, however, it is FAA qualified as a transponder antenna. The antenna housing is constructed of a Polyarylamide Plastic shell and the base is 6061-T6 aluminum with a chemical conversion coating mer MIL-C-5541. The antenna is supplied with an o-ring and mounting hardware. The antenna is designed to operate at speeds up to Mach 1 and altitudes up to 55,000 feet. P/N 11-16526 …….$650.00

RAMI AV-401 ANTENNA - ROD & WHIP
121.5, 243 & 406 MHz. 50 Ohms, BNC connector. P/N 11-14041 …….$363.00

RAMI ANTENNA ROD WHIP TYPE - AV-402
RAMI rod/whip type antenna is intended for use with an ELT (Emergency Locator Transmitter) for general aviation. It is a passive three frequency fiberglass rod whip antenna, designed for low speed aircraft (up to 250 knots). P/N 11-14043 …….$378.00

AV-100 ELT ANTENNA
This FAA/TSO antenna is intended for use with an ELT (Emergency Locator Transmitter) for general aviation. It has a passive two frequency wire whip, designed for low speed aircraft (up to 250 knots). Frequency: 121.5 MHz, 406 MHz. P/N 11-10839 …….$264.00

RAMI WHIP ANTENNA AV-200
The AV-200 ELT antenna is: Whip type, 121.5 and 406 MHz and intended for use with an ELT (Emergency Locator Transmitter) for General Aviation. It is a passive two frequency wire whip, designed for low speed aircraft (up to 250 knots). Rami whip type ELT Antenna - White…..P/N 11-12892 …….$121.75 Rami whip type ELT Antenna - Black…..P/N 11-14040 …….$118.75

ANTENNA AV-530
Designed for broadband communications. Has a die-cast aluminum base and a tapered stainless steel whip for less drag at higher airspeeds. Supplied with a weather-sealing gasket and mounting hardware. Designed to operate at speeds up to 350 mph and altitudes up to 50,000 ft. It has a drag force of 1.65 lb @ 250 mph. P/N 11-06696 …….$193.85

AV-535 ANTENNA
The AV-535 is a "Bent Whip" antenna suitable for belly mounting. It is designed to operate in the public service and business bands. The antenna is rated at speeds up to 350 mph and altitudes up to 50,000 ft. It is a direct replacement for the CI 292-3. Frequency: 138-174 MHz. P/N 11-10845 …….$279.95

RAMI AV-601 RADAR ANTENNA
The AV-601 antenna is designed specifically to meet FAA TSO C87a specifications. Qualification testing includes meeting the requirements of EUROCAE ED-30, Edition 2, "Minimum Performance Standards for Airborne Low Range Radar Altimeter Equipment", as modified by Appendix 1 of the TSO. P/N 11-16527 …….$262.95

RAMI AV-701 ELT ANTENNA
This antenna is intended for use with an ELT (Emergency Locator Transmitter) for general aviation. It is a passive single port three frequency aircraft blade antenna, designed for high speed aircraft. The circuit Board Housing is made from Polycarbonate. P/N 11-16528 …….$780.00

RAMI AV-924 TRANSCEIVER ANTENNA
The AV-924 antenna was developed to be used with airborne FM transceivers typically used in first responder type aircraft providing a single antenna solution for the multiband transceivers. It meets DO-160G, Section 8, Category U requirements for robust vibration and is qualified for installation on helicopters with unknown related rotor frequencies. P/N 11-16529 …….$1,125.00

AV-925 ELT ANTENNA - The AV-925 antenna was developed to be used with airborne FM transceivers typically used in first responder type aircraft providing a single antenna solution for the multiband transceivers. It has met DO-160G, Section 8, Category U requirements for robust vibration and is qualified for installation on helicopters with unknown related rotor frequencies. It is also qualified to perform as a 406 MHz ELT antenna, and is well suited for this function on higher speed, fixed wing aircraft. P/N 11-10846 …….$1,051.00

AV-520 VOR/LOC/GS ANTENNA
The AV-520 FAA/TSO is a “V” style V OR/LOC/ GS antenna utilizing detachable painted stainless steel elements and internal balun transformer. The antenna is rated at speeds up to 350 mph and altitudes up to 50,000 ft. It is a direct replacement for the CI 159C. Frequency: 108–118 / MHz 329-335 MHz. AV-520 VOR/LOC/GS TSO…………..P/N 11-10840 …….$315.00 Whip Element For AV-520 ……..P/N 11-14062 …….$83.95

AV-525 VOR/LOC/GS ANTENNA
The AV-525 FAA/TSO is a VOR/LOC/GS antenna similar in style to the AV-12 but utilizes an internal balun transformer. The antenna is rated at speeds up to 350 mph and altitudes up to 50,000 feet. It is a direct replacement for the CI 159C. Frequency: 108-118 MHz (VOR/LOC) / 329-335 MHz (GS). P/N 11-10841 …….$315.00

RAMI VOR ANTENNA
The AV-532 is a VOR/LOC/GS receive antenna which consists of taper ground high-strength 17-7PH stainless steel elements to resist withstand vibration. The insulators are weather-sealed compression-molded bakelite with the mounting holes provided. The unit may be mounted with the V pointed either forward or aft. The antenna is designed to operate at speeds up to 350 mph and altitudes up to 50,000 ft. It has a drag force of 3.42 lb @ 250 mph. A 30 ft. transmission line with integral balun is also supplied. P/N AV-532 (without Cable) …….$223.00

760
WWW.AIRCRAFTSPRUCE.COM
Prices Subject to Change Without Notice - Valid as of June 1, 2023.
Rami Antennas


VHF Diplexer Coupler / 50 Ohms - AV-586 - The AV-586 antenna coupler is an antenna signal splitter that provides two outputs from a single antenna. The AV-586 is designed to provide the necessary signals to two newer navigational radios that only have one antenna input to receive VOR/LOC/GS signals. P/N 11-14044 ............ $188.75

VHF Diplexer Coupler / 50 Ohms - AV-587 - The AV-587 antenna coupler is an antenna signal splitter/diplexer that provides three outputs for antennas with only a single output port. One output provides a combined VOR/LOC/GS signal, a second output provides a VOR/LOC signal, and a third output provides the GS signal. P/N 11-14046 ...... $226.95

VHF Diplexer Splitter - Splits the signal from a VOR NAV antenna into NAV and glide slope receivers. Application: Navigation & Glide Slope Frequency: 108-118 & 328-335 MHz Impedance: 50 Ohms Nominal Connector: (3) Type “BNC” Females Max Weight: 3.5 oz Insertion loss: 3 dB Avg / 5 dB Max Isolation: 30 dB Maximum Dimensions: 2” x 1-3/3” x 1-1/8” RF Power Capacity: Receive only. P/N AV-563 .......... $137.75

VHF Triplexer Splitter - Splits signal from a VOR NAV antenna into two NAV receivers and one glide slope receiver. Application: Navigation & Glide Slope Frequency: 108-118 & 328-335 MHz Impedance: 50 Ohms Nominal Connector: (4) Type “BNC” Females Max Weight: 3.5 oz Filtering: 30 dB Min / 40 dB Avg Insertion loss: 1 dB Maximum Isolation: 38 dB Min Dimensions: 2” x 1-3/3” x 1-1/8” RF Power Capacity: Receive only. P/N AV-570 ........... $169.95

AV-575 Antenna Diplexer/Splitter - The AV-575 FAA/TSO antenna is a marker beacon antenna splitter allowing two receivers to share the same antenna. It is a direct replacement for the CI 509. Frequency: 75 ............ P/N 11-10843 ............ $141.75

AV-585 Antenna Diplexer/Splitter - The AV-585 FAA/TSO antenna is a diplexer/splitter providing (2) VOR/LOC and (2) GS outputs from one VOR/LOC/GS antenna. It is a direct replacement for the CI 1125. Frequency: 108-118 Hz / 328-335 MHz. P/N 11-10842 ............ $185.75

AV-926 Triplexer - The AV-926 triplexer can be used with airborne multiband FM transceivers. The device is designed to provide three separate frequency band ports (typically going to a multiband transceiver) from a single port multifband antenna. P/N 11-10847 ............ $490.00

AV Antenna Diplexer Switch / 50 Ohms - AV-590 - The AV-590 diplexer allows two communications radios to share one antenna. In normal, non-switched mode the AV-590 evenly splits the signal between two radio receivers. When the control voltage is activated by a microphone’s PTT, the AV-590 switches the antenna to the corresponding radio transmitter and isolates the other receiver. P/N 11-14047 .......... $349.00

Rami Antenna Diplexer / 136-174 & 380-520 MHz - AV-927 - The AV-927 diplexer can be used with airborne multi-band FM transceivers and is designed to provide two separate frequency band ports from a multi-band antenna with a single output port. AV-927 diplexer frequency outputs: 136 - 174 MHz and 380 - 520 MHz. P/N 11-14048 .......... $499.00

Rami Antenna Diplexer / 136-174 & 760-870 MHz - AV-923 - The AV-926 diplexer can be used with airborne multi-band FM transceivers and is designed to provide two separate frequency band ports from a multi-band antenna with a single output port. AV-926 diplexer frequency outputs: 136 - 174 MHz and 760 - 870 MHz. P/N 11-14049 ............ $499.00

Rami Antenna Diplexer / 380-520 & 760-870 MHz - AV-929 - The AV-929 diplexer can be used with airborne multi-band FM transceivers and is designed to provide two separate frequency band ports from a multi-band antenna with a single output port. AV-929 diplexer frequency outputs: 380 - 520 MHz and 760 - 870 MHz. P/N 11-14050 .......... $499.00

Rami Antenna Diplexer / 136-174 & 380-520 MHz - AV-930 & 150-14 MHz - AV-931 - The AV-930 diplexer can be used with airborne multi-band FM transceivers and is designed to provide two separate frequency band ports from a multi-band antenna with a single output port. AV-931 diplexer frequency outputs: 118 - 137 MHz and 150 - 174 MHz. P/N 11-14052 .......... $585.00

Cozy Antenna Kit - For composite Aircraft Antenna component kit for Canard Aircraft: Includes, copper tape and toroids to fabricate your own inexpensive, flexible antenna set for NAV, COM, MKR, ILS antennae. Gangs of antennae can be used with airborne multi-band FM transceivers. The antennas sold in an additional kit for navigation antenna. The antennas sold in an additional kit for navigation antenna. Order the antenna. P/N 11-09988 ............ $63.30

Quickie Antenna Kit - Simple installation procedure produces excellent communications antenna. Order additional kit for navigation antenna. P/N 11-09800 ............ $23.75

Toroids Only - Used in our quickie antenna kit for composite aircraft. P/N 11-09900 .......... $0.95 ea.

VHF Antenna Mounting Plate - Aluminum 2x4 mounting plate for straight 45-90 degree antenna including transponder antenna. The antennas sold separately. P/N 11-09888 ............ $14.95

Rami Balun Transmission Line / Cable & Balun Assembly

Rami AV Balun Transmission Line / Cable & Balun assembly.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rami Av-12 Balun Transmission Line</td>
<td>11-14056</td>
<td>$76.85</td>
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<tr>
<td>Rami Av-532 Balun Transmission Line</td>
<td>11-14057</td>
<td>$75.95</td>
</tr>
<tr>
<td>Rami Av-6 Balun Transmission Line</td>
<td>11-09902</td>
<td>$111.75</td>
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</tbody>
</table>
These antennas have been designed by Bob Archer from Torrance, CA utilizing concepts common to military aircraft and space vehicles. The antenna performance is superior to most in use today in private aircraft. The only requirement for max. performance is that the antennas must be installed in accordance with the installation instructions. These antennas are designed to be installed inside fiberglass or other non-conductive wing tips or tail caps of metal or other conductive material aircraft.

**STAINLESS VHF ANTENNAS FOR HOMEBUILDS**

These VHF antennas are stainless steel including all hardware. Insulators are made of Delrin, which resists extreme cold or high temperatures and is non-breakable. Antennas are available in straight and 45° or 90° angles. 116-136 MHz range.

**RED TAIL AIRBAND ANTENNA**


**RED TAIL TRANSPONDER ANTENNA**

Streamlined Transponder Antenna. Non-TSO’d for Experimental aircraft. The Delta Pop Aviation streamlined transponder antennas are the best non-TSO’d antennas we have found, and they offer a low drag solution at a good price. Frequency - 1030 to 1090 MHz. VSWR - Less than 1.2:1 Measured with Anritsu Antenna Analyzer. Polarity - Vertical. Impedance - 50 Ohms. Connector - BNC Female. Mounting - 8-32 x .437" long threaded studs. Weight - 2.6 oz / 74 grams. Finish - White Polyurethane.

**WEATHER/SIRIUS RADIO ANTENNA**

Operates with all new WSI InFlight™ capable receivers. The antenna receives Sirius Satellite Radio broadcasts to enable the WSI weather service. It was designed specifically to suppress interference from ground based signals. Its proprietary design allows for optimum performance while the aircraft is tuning. The antenna has been thoroughly tested and meets all of the RTCA DO-160E requirements.

**COAXIAL CABLE - RG-58U**

Tinned copper conductor, solid polyethylene dielectric. Standard cable for radio installations. For experimental aircraft only. 600 ft. approved for certificated aircraft.

**COAXIAL CABLE - RG-58U**

Type 5225. 10-32 threads, 4" length to tip, 1-9/16" casing. P/N 11-10500 $21.50

**COAXIAL CABLE - RG-400U**

Tinned copper conductor, PVC Type IIa jacket. FAA approved for certificated aircraft.
**AVIONICS TOOLS**

**KLEIN WIRE STRIPPERS / CUTTERS**

Klein wire strippers and cutters cut, strip, gauge and loop a wide range of wire types and sizes. Made of strong, hardened steel with comfortable handles, these tools are durable and long lasting.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-00234</td>
<td>Strips 16 to 26 AWG stranded wire, easy-to-read wire gauge markings, comfortable handles with cushion ridges.</td>
<td>$18.50</td>
</tr>
<tr>
<td>12-00236</td>
<td>Solid and Stranded. Double-dipped comfort grips with curved handles, cuts, strips, loops and gauges 20-30 AWG solid wire and 22-32 AWG stranded wire, cleanly shears 6-32 &amp; 8-32 screws, coil spring provides fast, self-opening action.</td>
<td>$22.95</td>
</tr>
<tr>
<td>12-00235</td>
<td>Solid and Stranded. Double-dipped comfort grips with curved handles, cuts, strips, loops and gauges 10-18 AWG solid wire and 12-20 AWG stranded wire, cleanly shears 6-32 &amp; 8-32 screws, coil spring provides fast, self-opening action.</td>
<td>$22.50</td>
</tr>
<tr>
<td>12-00233</td>
<td>Strips 10 to 18 AWG solid wire, easy-to-read wire gauge markings, comfortable handles with cushion ridges.</td>
<td>$17.95</td>
</tr>
</tbody>
</table>

**BANTAM ROTA-CRIMP TOOL**

The AMP Bantam Rota-Tool crimps uninsulated terminals and splices for No. 8 to 1/0 sizes. The correct die position is selected by rotating dies to correct AWG number. Dies are fixed in tool to avoid loss. Compact, rugged and easy to handle. 15" long. Wt. 5 lbs. Not for certified Aircraft use. ...............................................................P/N 601075 ...........

**BALLPOINT HEX SOCKET DRIVER**

3/32" Ballpoint Hex Socket Driver for use on hex head screws and nuts. *This tool is commonly used with most avionics units like Honeywell Bendix/King and Garmin.* ...............................................................P/N 12-02063 ...........

**HAND CRIMP TOOL GMT232**

The GMT232 Hand Crimp Tool crimps low profile environmental splices. The GMT232 is the most popular tool to cover the range of 12 (yellow), 16 (blue), and 20 (red) splices for low profile environmental splice applications. The GMT232 has a locator which is configured to hold the splice in the correct location while either wire is being terminated. This tool is comparable to the popular Tyco AD1377...............................................................P/N 11-08692 ...........

**LITTLE BLUE CRIMP**

The Daniels AFM8 is designed for most of the miniature and sub-miniature connector types that are so widely used in all types of electronic systems. Originally developed for the Air Force, the AFM8 meets the need for a miniature tool accommodating wire sizes 20 thru 32 AWG. The cycle controlled precision ratchet assures consistently accurate crimps every time. The tool has a built-in eight step selector knob for ease in dialing the correct crimp depth setting for the wire being used.

Little Blue Crimper ...............................................................P/N 11-04443 ...........
Adapter K13-1 For Low Density Pins ...........................................P/N 11-12211 ...........
Adapter K42 For High Density Pins ............................................P/N 11-12212 ...........

**BIG BLUE CRIMP**

The Daniels AF8 has virtually limitless application within the specified wire range of 12 thru 26 AWG. Over 1,000 turret heads or positioners are available to adapt the tool frame to your specific military or proprietary contact/wire combination. The eight impression crimp, which is standard in the AF8, assures absolute maximum tensile strength with almost every closed barrel contact. The precision ratchet controls cycling on the tool in both directions of handle movement. This assures the same, accurate crimp every time. It's like having a quality control inspector at every work station. ...............................................................P/N 11-04442 ...........

**AMP PRO CRIMPER II HAND TOOL**

The PRO-CRIMPER II Hand Tool provides the versatility of general-purpose service of general-purpose service tools along with the reliability and ease of use of many premium-grade tools. For versatility, 75 die sets (available separately) are interchangeable, including those for open-barrel contacts and terminals. Additionally, many of these die sets have multiple cavities for crimping a variety of contact or terminal sizes.

Pro Crimper II 58433-3 ...............................................................P/N 12-01379 ...........
O-Crimp Die 58435-1 ...............................................................P/N 12-01380 ...........
Hex Crimp Die 58436-1 ...............................................................P/N 12-01381 ...........
Pin & Socket 58495-2 ...............................................................P/N 12-01382 ...........

**CRIMPING/CUTTING TOOL**

This tool is designed to crimp insulated and non-insulated 10 thru 20 AWG solderless terminals & connectors. It has easy-to-read tool markings to identify the insulated or noninsulated crimping dies. Its tapered nose design works well in tight places and has specially hardened cutter in th nose for quick, clean cuts. Size: 9.75". Lifetime warranty. ...............................................................P/N 12-00698 ...........

**CRIMPMASTER CRIMP TOOL FRAME**

Crimpmaster Crimp Tool Frame Only. 1.26lb.
30-505 Crimp tool ...............................................................P/N 11-08686 ...........
Die Set Hex for the 30-505 ...............................................................P/N 11-08687 ...........

**CRIMPMASTER™ CRIMP TOOL**

for #22 to #10 AWG (.324mm2 - 5.261mm2) Insulated Ring Tongue Terminals and Splices Features: Provides good and consistent crimp every time, Dies change quickly and easily with a screwdriver, Interchangeable dies provide versatility in a single tool, Cushioned, comfort-grip handles 30-500 Crimp tool ...............................................................P/N 11-08688 ...........

**CRIMP TOOL (HX4) CRIMP TOOLS**

The DMC HX4 Crimp tool features a system of interchangeable dies which eliminate the need of separate fixed die crimp tools for each and every different application. Many maintenance and manufacturing concerns have standardized on this model, thus eliminating the cost associated with maintaining and calibrating bulky inventories of single purpose tools. Length: 11" Weight: 11 oz.

H4X Crimp Tool ...............................................................P/N 11-08690 ...........
Die set 5-24 AWG ...............................................................P/N 11-08691 ...........

Prices Subject to Change Without Notice - Valid as of June 1, 2023.
AVCOMM AC-2EX PORTABLE INTERCOM

Measuring a mere 5.1” by 2.85”, it is designed to produce powerful communications you can depend on. The compact design makes it easy to carry in your flight bag, a feature pilots who rent aircraft will especially appreciate. Need 4 positions? Simply add the AC-2XM module to accommodate additional passengers.

Features: • AVCOMM’s Expandable Portable: 2 to 4 place • Rugged compact design • Two 9V batteries with quick access or 12-24 V DC power • Stuck mic indicator & Power-transmit LED • For use with mono or stereo headsets. Pilot priority PTT • Fail safe feature • Wt: 14.1 oz. • Full 3 year factory warranty.

P/N 11-02264 ........... $227.26

DRE D-205E INTERCOM

Two place portable/built-in expandable intercom with outstanding, clean stereo sound. Individual squelch circuits and PTT jacks. Stuck mic warning (visual and audio alarm). Automatic fail-safe pilot communication to radio with loss of power to the intercom. Accessory inputs for Stall Warning, Altimeter Alert, Collision Avoidance & Engine Monitor, etc. (for built-in use). Standard cell phone interface. No deterioration of sound as battery weakens. Powered by two 9V batteries. Auxiliary power input (on the side). Automatically compatible with mono or stereo headsets or a mix. Optional mounting flanges allow installation in ultralights and LSA. Anodized aluminum case. Additional features include Mil-Spec quality cabling, music input for MP5 players, CD, etc. and auto music muting with manual override. 3-year warranty.

DRE-205E Aux. Power Cord ... P/N 11-09585 ........... $16.50
DRE-205E Mounting Brackets ... P/N 11-09577 ........... $15.50

FLIGHT DATA SYSTEMS AP-60 AUDIO MIXER

An Audio Mixer is Required any time there is more than one Audio Source. This unit mixes and amplifies six audio inputs. Mounts behind the instrument panel. For Example: Communications Radio Audio • Navigation Radio Audio • EFIS Warning Audio

Music Player Audio • Traffic Warning Audio

Specifications: • Aux. Audio Input • Compact (2.5” X 3.4” X 6”), Lightweight (2.1 oz.) • 12-28 Volt Compatible • No Special Tools Required For Installation ........... P/N 10-03427 ........... $85.95

NAV-DATA 4 PLACE INTERCOM

This Four place intercom is packed with features only found in much more expensive units. Fail-safe feature for pilot in the event of power loss. Pilot and copilot switch. Operates on one 9 volt battery. Adjustable squelch (mute). Voice activated (VOX). Built in push to talk switch. Music in / Record out jacks.

P/N 13-00608 ........... $118.95

FLIGHTTECH ITC-2004 ENR 4-PLACE INTERCOM

4 place portable intercom with pilot isolate capability.

Features: • Exclusive Electronic Noise Reduction circuitry. Up to 110dB of Noise Reduction. Continues Audio, No missed Syllables or Words. Built-in Cellular Phone Interface, includes patch cable. Pilot/All Switch. 9 Volt Battery or External DC Operation, Cigarette Lighter Adaptor included, Auxiliary Stereo Audio Input with Radio Audio Input and Intercom Audio Mode, and weight, 10 oz. Push-to-Talk Button for Keying the Comm Radio. Pilot and CoPilot Radio PTT Jacks. Small Size: 5.5” x 1.5” x 3.2” Three Year Warranty ........... P/N 11-17669 ........... $260.95

PS ENGINEERING PM 10001 4 PLACE MONO PANEL MOUNT INTERCOMS

PS Engineering’s renowned voice activated intercom (VOX) eliminates clipped words and shouting. Other features include individual volume and squelch controls for the pilot and copilot. Music can be added to the intercom for in-flight entertainment. Automatic muting when the intercom is active, or intercom and radio (PM 1000/6s) ensures unobstructed communications. PS Engineering’s “SoftMute” gradually returns the music to the original level when conversation stops. PM 1000 is an effective 2-place intercom, with individual volume and squelch controls, while the 4-place PM 10001 adds a transmit indicator lamp, and music inputs for stereo radio traffic. The PM 1000II, 11-11922, has pilot isolate mode that allows the pilot to concentrate on flying, while the passengers enjoy music and conversation. The PM 1000II with CREW mode (P/N 11-11920) allows for separate intercom for the pilot and copilot positions as well as separate music sources for front and back. On all PS Engineering intercoms a wire harness must be done by PS Engineering or a PS Engineering dealer or warranty is void. For a quote on 11-11922 PM 1000II with out crew wire harness, on 11-11920 PM 1000II with crew wire harness, or on 11-02553 please call 800-826-3160. Warranty: 1 year.

PM 10001 4-Place Intercom ........... P/N 11-11922 ........... $459.95
6-pl. for expansion module ........... P/N 11-02555 ........... $499.95
Jack Kit (4-Place) .................... P/N 11-11910 ........... $35.00
2-1/4” Mounting Plate with Crew ........... P/N 11-114383 ........... $39.95
2-1/4” Mounting Plate with out Crew .......... P/N 11-114360 ........... $39.95

PM 3000 PANEL MOUNT STEREO INTERCOM

The world’s first stereo intercom to be FAA TSO approved, available in 4- & 6-place versions. The 4-pl. PM 3000 (P/N 11-11931) features pilot isolate and “All” reception modes. The PM 3000 6-place (P/N 11-00851) intercom includes a “CREW” mode. In CREW mode, the pilot & copilot are on one intercom channel, while passengers have conversation on another. Constant squelch adjustments are eliminated with the PM 3000. A single squelch knob controls multiple circuits making the intercom one of the quietest to use, even in the noisiest airplanes. The 6-place PM 3000 provides for two independent stereo entertainment systems. Each system can be used by the passengers and the crew each the option to listen to their music device. The PM 3000 has an automatic fail-safe interconnect to the aircraft systems. If power to the intercom is disrupted, the pilot’s headset is automatically connected to the aircraft radio. With the PM 3000 installed, both pilot and copilot have transmit capability over the aircraft radio. A 2-color LED shows green when power is on, and red during radio transmissions. This feature acts as a stuck microphone indication. On all PS Engineering intercoms a wire harness must be done by PS Engineering or a PS Engineering dealer or warranty is void. For a quote on the PM 3000 4 place or 6 place please call.

PM 3000 4-PL. Stereo Intercom (w/o digital recorder) – single music input. Installation hardware includes four sets of headset jacks, a music jack and reversible (horizontal and vertical) metal mounting plate.

P/N 11-04843 ........... $499.95
2-1/4” Mounting plate (w/o crew) .......... P/N 11-00394 ........... $39.95
PM 3000 6-PL. Stereo Intercom (w/o digital recorder) – single music input. Installation hardware includes four sets of headset jacks, two music jacks and reversible (horizontal and vertical) metal mounting plate. 2-1/4” Mounting plate (w/ out crew) .......... P/N 11-00394 ........... $39.95

CONTROMICS ULTRA-COM II INTERCOM

Contromics very popular two-place portable intercom was designed for pilot/copilot communication in high noise environments. Separate volume controls adjustable by either pilot or passenger to meet individual hearing needs. This intercom can be used as an intercom only or a complete package with the addition of the PM 11-17669. This ultra-slim ultra-light intercom was designed for use in-flight entertainment. Automatic muting when the intercom is active, or intercom and radio (PM 1000/6s) ensures unobstructed communications. PS Engineering’s “SoftMute” gradually returns the music to the original level when conversation stops. PM 1000 is an effective 2-place intercom, with individual volume and squelch controls, while the 4-place PM 10001 adds a transmit indicator lamp, and music inputs for stereo radio traffic. The PM 1000II, 11-11922, has pilot isolate mode that allows the pilot to concentrate on flying, while the passengers enjoy music and conversation. The PM 1000II with CREW mode (P/N 11-11920) allows for separate intercom for the pilot and copilot positions as well as separate music sources for front and back. On all PS Engineering intercoms a wire harness must be done by PS Engineering or a PS Engineering dealer or warranty is void. For a quote on 11-11922 PM 1000II with out crew wire harness, on 11-11920 PM 1000II with crew wire harness, or on 11-02553 please call 800-826-3160. Warranty: 1 year.

PM 11-11922 4-Place Intercom ........... P/N 11-11922 ........... $459.95
6-pl. for expansion module ........... P/N 11-02555 ........... $499.95
Jack Kit (4-Place) .................... P/N 11-11910 ........... $35.00
2-1/4” Mounting Plate with Crew ........... P/N 11-14383 ........... $39.95
2-1/4” Mounting Plate with out Crew .......... P/N 11-14360 ........... $39.95

SKYCOM 200 PORTABLE INTERCOMS

Measures just 2.25”x3.8”x 2.75”. Portable & Compact. Pilot/Co-Pilot Volume Controls. Adjustable Squelch Circuit. Fail Safe Battery Access. Powered by 9V Battery. 25-30 Hours Battery Life

SkyCom 200E 2-Place Intercom ........... P/N 11-11680 ........... $97.80
SkyCom 200E 4-Place Intercom ........... P/N 11-11685 ........... $128.95

Prices Subject to Change Without Notice - Valid as of June 1, 2023.
SCI-S4 Stereo 4-place ................................P/N 11-00424 ..........

SPORT 200 Intercom ..................................P/N 11-02884 ..........

included with these easy to install intercoms. Weight: 4.5 oz., Jacks &
vertically. All hardware including headphone and microphone jacks are

For even more convenience you can mount the intercoms horizontally or

to enjoy your music and never miss a radio call. Size: 1” x 2.5” x 4” deep.

com and full mute for radio reception and transmission, you will be able

sive “Auto-Squelch”. One touch of the squelch button and the intercom

because some radios that are currently used in these markets do not

allow you to put “push-to-intercom” buttons in the aircraft to eliminate

control volume and squelch independently for front and

back seats, crew/pilot isolate and pre-wired harness for easy installation.
The SCI-4 is RFI and EMI immune and measures only 1” x 2.5”. Includes
all hardware and jacks needed for installation. SCI-4S Intercoms
have the same features as SCI-4 Intercoms plus music inputs. 5-y

SCI 4-place ..................................................P/N 11-000027 ........$398.00

SCI 6-place .............................................. P/N 11-00028 ...$433.00

SCI-S6 Stereo 6-place .................................. P/N 11-00425 ....$547.00

SCI-S4 Stereo 4-place .................................. P/N 11-00424 ....$514.00

SIGTRONICS MINIATURE PANEL-MOUNTED INTERCOMS

Measuring only 1” x 2-1/2” x 4” deep, only 4.5 oz, the

SPA-400 and 6-place SPA-600 are FAA TSO’d and
can be mounted either horizontally or vertically. Also

available in special “HIGH-NOISE” model SPA-40N for Ultra-lights,

and open cockpit aircraft, kit aircraft and warbirds. The se intercoms

allow you to put “push-to-intercom” buttons in the aircraft to eliminate

Vox mode when desired. This is especially good for open-cockpits

where wind noise can be a problem. The SPA-400 simulates side-tone

because some radios that are currently used in these markets do not have it.
The SAS-440 and SAS-640 intercoms feature Sigtronics’ exclu-
sive “Auto-Squelch”. One touch of the squelch button and the intercom
perfectly sets the squelch level to your headsets and the aircraft noise
to the desired level. All Sigtronics intercoms are voice activated with a 5-year warranty.
Made in USA.

1. Push-To-Talk switch. When the switch is pushed, the intercom
is activated and all squelch is turned off. When the switch
is released, the intercom is muted until the switch is
pushed again. A red indicator light indicates when

SIGTRONICS BATTERY POWERED PORTABLE INTERCOMS

5-year warranty and a sure-fit for all students, instruc-
tors and aircraft renters. All have a music input and Aux
output for recording lessons and radio communica-
tions. Both stereo and non-stereo units have PTT jacks.
Powered by an internal 9V battery (included), good for
40 hours of operation in airplanes lacking a cigarette
lighter socket. A 4’ Aux power adapter is included.

For Up To 4 People (High Noi... P/N 11-01770 ....$349.00

PA-200 SERIES INTERCOM

The stereo version PA-400ST intercom is a portable

device that has been successfully used in general avia-
tion for over two decades. The PA-400ST intercom has

SIGTRONICS SPORT 200/200S INTERCOM

The SCI-4 from Sigtronics features dual squelch indi-
cator lights and dual volume and squelch controls
to control volume and squelch independently for front and
back seats, crew/pilot isolate and pre-wired harness for easy installation.
The SCI-4 is RFI and EMI immune and measures only 1” x 2.5”. Includes
all hardware and jacks needed for installation. SCI-4S Intercoms
have the same features as SCI-4 Intercoms plus music inputs. 5-y

PMA 1200 PM 2 PLACE MONO HIGH NOISE PANEL MOUNT INTERCOM

The PM 1200 is a 2-place panel mount intercom designed for the loudest of aircraft. If you fly Warbirds or other extremely noisy aircraft, PM 1200 is perfect. Incorporating IntelliVox with our new Active Mic Processor (AMP), the PM 1200 dynamically reduces noise inadvertently picked up by the mic. It also supplies up to 120mW of headset audio. On all PS Engineering intercoms a wire harness must be done by PS Engineering or a PS Engineering dealer or warranty is void. For a quote on the PM 1200, or the PM 1200 blind mount click here: Standard: Height: 2.55 inches. Width: 3.0 inches, Depth: 5.50 inches, Weight: 12 ounces. Power Required: 12-24 VDC, Warranty: 1 Year, Unit is not TSO’D.

PA-200IC ..... 11-03544  ...
PA-200V ...... 11-03545  ....
PA-200TA2 .. 11-03542  ...
PA-400ST ... 11-03548  ....
PA-400TA2A ..11-03542 ...

Seltronics battery powered portable intercoms

5-year warranty and a sure-fit for all students, instruc-
tors and aircraft renters. All have a music input and Aux
output for recording lessons and radio communica-
tions. Both stereo and non-stereo units have PTT
jacks. Powered by an internal 9V battery (included), good for
40 hours of operation in airplanes lacking a cigarette
lighter socket. A 4’ Aux power adapter is included.

For Up To 4 People (Standard) P/N 11-02794 ....$213.00
For Up To 4 People (High Noise) P/N 11-02793 ....$240.00
For Up To 4 People (High Noise) P/N 11-01799 ....$299.00
For Up To 6 People P/N 11-02798 ....$337.00

PA-200 World’s Smallest Portable Intercom. A solid VOX intercom offering clear communications. Adjustable volume control and squelch control allows for easy adjustment for all ambient noise levels. 2

push-to-talk switches can be used with the intercom allowing transmission through the radio. Unit is ideal for rental aircraft. PA 200R is also available for motorsports. Features:• On/Off volume control • Adjustable squelch circuitry • Fail-safe capability • Power adapter for 2 push-to-talk switches • Powered by one 9V battery (24 hours) • Size: 2.25” x 1.38” x 2.75” 3-year unconditional warranty • Wt: 8 oz. (227 grams)

PA-200T ...... 11-02712 ......$690.00
PA-200V ...... 11-02861 ..$328.00
PA-200V ..... 11-02860 ........$288.95
PA-200 .. 11-02702 ....$270.00
PA-600 .... 11-02816 ....$382.00
PA-600 .......... 11-19513 ....$328.00
Retrofit stereo switch-use with pre-wired SPA-400 intercom - RES-401 ........$148.00

SIGTRONICS SPORT 200/200S INTERCOM

Optimized for the High Noise Environment. Sigtronics
2-place Sport 200 & Sport 200S Intercoms are
designed specifically for Light-Sport and Ultralight air-
craft. These compact units are designed specifically for
Light-Sport and Ultralight aircraft. As with all of Sigtronics products, the SPA-4S is

and headphone outputs. The SPA-4SN is available for the high noise
environment. Made of durable and lightweight ABS plastic.

For 2 People (Standard) P/N 11-02794 ....$213.00
For 2 People (High Noise) P/N 11-02793 ....$240.00
For Up To 4 People (Standard) P/N 11-01799 ....$299.00
For Up To 4 People (High Noise) P/N 11-02798 ....$337.00

PA-200 SERIES INTERCOM

The stereo version PA-400ST intercom is a portable

device that has been used successfully in general avia-
tion for over two decades. The PA-400ST intercom has

the features and capabilities of the PA-400ST intercom. This particular series has been recently modified to include a cell phone jack for your safety and convenience. Before using in an aircraft we recom-

dend that you take a check-ride in your living room and

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www.aircraftspruce.com

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Prices Subject to Change Without Notice - Valid as of June 1, 2023.
### FLIGHTCOM IISX PORTABLE INTERCOM

The IIsx is the world’s most popular 2-place, portable intercom. The modular design offers expansion capability to the backdrop if needed. **Expandable to 4-place portable with optional SR-4 expansion module** • **Auxiliary inputs and outputs for music or recording flight information** • Low-battery indicator and pilot isolate • Uses aircraft power or 4-volt battery Flightcom IISX 2 place includes: • IISX Intercom • Cigarette lighter adapter • Co-pilot transmit cable Flightcom IISX 4 place includes: • All parts in the 2 place • SR-4 expansion module. **Specifications**: • Weight: 10.5 oz • Length: 4-1/4" • Width: 2-3/6" • Height: 2-5/16" • Mono: Aux Input: 3.5 mm jack for music • Aux Output: 3.5 mm jack for recording Flightcom IISX 2 Place .......... $119.00 Flightcom IISX 4 Place .......... $144.95 SR-4 Remote Expansion module .......... $47.75

### FLIGHTCOM 403MC PANEL MOUNT INTERCOM

The 403 is a 6-place panel mount, voice-activated mono intercom. This easy to use intercom is designed to fit almost anywhere in the panel. Includes: • 403MC Intercom • Connector kit • 4 place mono jack kit. **Features** • 3-position transmit capability • Selectable gain • Auxiliary input for music or alerts • Rectangular faceplate can be mounted horizontally or vertically • 6-place capability • Selectable muting and pilot isolate • Auxiliary input for music **Specifications**: • Weight: 3.6 oz • Length: 2.62 in • Width: 2.37 in • Height: 1 in • Not TSO'D • Power requirement: 12-28 VDC • Two-year warranty P/N 11-00765 ......... $199.00

### FLIGHTCOM 403D PANEL MOUNT STEREO INTERCOM

Stereo intercom features include 6-place capability, instant music muting, and pilot isolate so you could focus on your flight and eliminate backseat chatter. • 3-place transmit capability • Easy. The cell phone jack for music or alerting levels, only one single volume control. ENRI continuously monitors background noise picked up by the headset microphone and eliminates it, even while talking. Excellent for open cockpit aircraft. 9V Battery Operation • Pilot/All Switch • Available with cable and standard plugs or ICOM A-22, A-24 Cable & Plug • 3 year warranty • 4”L x 2.5”W x 1.5”D .......... P/N 11-00544 ......... $169.95

**FLIGHTTECH ITC-401-ENRI PORTABLE INTERCOM**

![FLIGHTTECH ITC-401-ENRI PORTABLE INTERCOM](https://www.aircraftspruce.com/images/products/401enri.jpg)

The ITC-401-ENRI 2-place intercom features the Enhanced Noise Reduction Intercoms circuitry in a basic, small package. With ENRI, the problems common with voice activated intercoms are eliminated. There are no squelch controls to adjust, no automatic squelch circuits that keep changing levels, only one single volume control. ENRI continuously monitors background noise picked up by the headset microphone and eliminates it, even while talking. Excellent for open cockpit aircraft. 9V Battery Operation • Pilot/All Switch • Available with cable and standard plugs or ICOM A-22, A-24 Cable & Plug • 3 year warranty • 4”L x 2.5”W x 1.5”D .......... P/N 11-00544 ......... $169.95

**FLIGHTTECH ITC-401-ENRI PORTABLE INTERCOM**

The ITC-401-ENRI 2-place intercom features the Enhanced Noise Reduction Intercoms circuitry in a basic, small package. With ENRI, the problems common with voice activated intercoms are eliminated. There are no squelch controls to adjust, no automatic squelch circuits that keep changing levels, only one single volume control. ENRI continuously monitors background noise picked up by the headset microphone and eliminates it, even while talking. Excellent for open cockpit aircraft. 9V Battery Operation • Pilot/All Switch • Available with cable and standard plugs or ICOM A-22, A-24 Cable & Plug • 3 year warranty • 4”L x 2.5”W x 1.5”D ......... P/N 11-00544 ......... $169.95

**ITC-402P/404S-P PANEL MOUNT INTERCOMS WITH ENRI**

With ENRI, the microphones are active at all times, ENRI monitors background noise common to Voice Operated Squelch controlled intercoms. This easy to use intercom is designed to fit almost anywhere in the panel. Includes: • 402P Intercom • Connector kit • 2 place stereo jack kit with ENRI technology, a unique design, a small panel control unit and a remote intercom unit. The small control panel consisting of a 9 Volt Battery Operation • Pilot/All Switch • Available with cable and standard plugs or ICOM A-22, A-24 Cable & Plug • 3 year warranty • 4”L x 2.5”W x 1.5”D ......... P/N 11-00544 ......... $169.95

**FLIGHTTECH ITC-2001-ENRI 2PLACE PORTABLE STEREO INTERCOM**

Ideal for the renter pilot or as a permanent intercom without the installations concerns associated with a panel mount intercom. Features: **Exclusive Electronic Noise Reduction circuits. Up to 110db of Noise Reduction. Continues Audio, No missed Syllables or Words. Built-in Cellular Phone Interface, includes patch cable. Pilot/All Switch. Specifications**: 9 Volt Battery or External DC Operation, Cigarette Lighter Adapter included. Auxiliary Stereo Audio Input with Radio Mute and Intercom Audio Mute. Light weight, 10 oz. Push-to-Talk Button for Kaying the Comm Radio. Pilot and CoPilot Radio PTT Jacks. Small Size: 5.5” x 1.5” x 3” • Three Year Warranty

**IITC-2001-I 2 Place Intercom for use with (ICOM A22, A24 AND A5 Radios) Model Description Part No. Price**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITC-2001-ENRI</td>
<td>2-place portable w/ENRI</td>
<td>11-17668</td>
<td>$232.95</td>
</tr>
<tr>
<td>ITC-402P-ENRI</td>
<td>Full feature panel mount intercom designed for the pilot with a two place aircraft.</td>
<td>11-00096</td>
<td>$219.95</td>
</tr>
<tr>
<td>ITC-404SP-ENRI</td>
<td>4-place stereo intercom panel mount</td>
<td>11-01354</td>
<td>$279.95</td>
</tr>
<tr>
<td>ITC-2001-1</td>
<td>2 Place Intercom for use with (ICOM A22, A24 AND A5 Radios)</td>
<td>11-07010</td>
<td>$234.95</td>
</tr>
</tbody>
</table>

**SOFTCOM PORTABLE INTERCOMS**

These top quality, economical intercom systems are perfect for any type aircraft and are compatible with any standard headset. Features include automatic on/ off power panel control for volume and gain and a pilot isolate switch (ATC-4 only). The intercoms are 9V DC portable or panel mountable with pilot and copilot transmit as a standard feature. These intercoms can be used with other equipment to record instructions or play cassette music. The new model of the ATC-2 has reduced size and weight, and a front-panel mounted PTT switch. 4-Place Portable (stereo)ATC-4S ......... P/N 11-05905 ......... $292.95

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Prices Subject to Change Without Notice - Valid as of June 1, 2023.
The Bose A30 Aviation Headset is best utilized where noise is pervasive, comfort is required and communication is critical. It’s the most comfortable, full-featured around-ear aviation headset Bose has ever created, and it’s the first-ever around-ear aviation headset with three modes of user selectable active noise cancellation. Each feature of the A30 was inspired by decades of Bose research and development and engineered to perform in high-intensity flight environments. Plus, its lightweight, comfortable design is FAA TSO and EASA E/TSO-C139a certified, proving its durability in tough conditions.

Features:
- Lightweight design with low clamping force for unparalleled comfort. A full-sized around-ear headset with 20% less clamping force than the A20.
- Unmatched audio clarity with active equalization. Incoming signals are shaped and equalized for enhanced clarity and intelligibility.
- Industry-leading active noise reduction with three user selectable modes. Adjustable noise cancellation modes to accommodate different use cases or personal preference.
- Precision-focused noise cancelling microphone. The noise cancelling microphone is engineered for aircraft with "hot mic" or PTT systems to increase clarity and reduce background noise during transmission. Mic winglets also allow for precise mic and boom adjustments.
- Robust, durable design that is FAA TSO and EASA TSO certified and has passed 145 separate tests by the Bose engineering and quality assurance team to ensure endurance in challenging operating environments.
- Removable/Side swappable down cable and mic, no tools required. Boom mic and cable can be moved on either side of the headset without using any tools.
- Bluetooth® audio (for select models). Connect wirelessly to mobile devices, audio systems and electronic flight bags. Audio prioritization allows users to mix Bluetooth® audio with intercom audio or have intercom transmissions mute Bluetooth® temporarily. A non-Bluetooth® headset variant is also available.
- Shielded, durable and flexible cable. Cable is resistant to radiated emissions with a thin design that allows for increased freedom of movement and easy storage. Digital active noise cancellation. Significantly reduces ambient noise, allowing users to lower radio volume to a more comfortable listening level. Long term durability. Built and tested for extended use in demanding environments, having passed 145 separate tests by the Bose engineering and quality assurance team to ensure endurance in challenging operating environments.
- Automatic shutoff. Powers down automatically when not in use. An auto-on feature is also available on select panel-powered configurations.

**Exceptional battery life.** Two AA batteries power 25-plus hours of Bluetooth® use and 45-plus hours without. Aircraft-powered variants are also available. • Bypass communications mode. Primary intercom audio is available with or without power. • Five-year limited warranty with acclaimed service. Worldwide coverage (excludes wear items like ear cushions, mic covers and headbands). • Carrying case. Includes a strap and an internal zippered storage compartment and enhanced padding for safe and secure storage.

### Bose A30® Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
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<td>Cable Assembly Dual GA w/o Bluetooth</td>
<td>11-19493</td>
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<td>Cable Assembly Lemo 6 Pin Plug w/o Bluetooth</td>
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<td>Earcup Down-cable Cover</td>
<td>11-08753</td>
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<td>Bose X Service Accessory Kit</td>
<td>11-13760</td>
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### Bose® Headset Accessories

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<td>Stay Hear Tip Kit Large 2 Pair</td>
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<td>Windscreens</td>
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<td>Headband Cushion</td>
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<td>Accessory Pack</td>
<td>11-16387</td>
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<tr>
<td>Lanyard Control Module</td>
<td>11-16388</td>
<td>$4.95</td>
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</table>
FULL BLUETOOTH INTEGRATION — Every Lightspeed headset delivers excellent wireless call clarity, music fidelity, and access to critical audio alerts from aviation apps.

ENGINEERED FOR COMFORT — All Lightspeed headsets feature comfort-designed headbands and plush ear seals with larger openings, 20% more surface area, and up to 50% more space inside the ear cup than our closest competitor. The result is superior distribution of weight and side pressure for maximum comfort.

FlightLink compatibility — Lightspeed’s free, proprietary app turns your iPad® or iPhone® into an in-cockpit recorder, seamlessly capturing incoming and outgoing communications for instant playback or later retrieval.

ComPriority™ — Never miss important radio communications with patented ComPriority, which lowers the volume of any auxiliary device automatically during radio or intercom transmissions.

Auto Shutoff™ — Saves battery life by automatically shutting down the headset power when not in use.

5-Year Lightspeed warranty.

LIGHTSPEED DELTA ZULU

The legend of Zulu comfort and durability continues in the Delta Zulu. Performance ear seals, sturdy cables built around a Kevlar core, full Bluetooth integration, and an industry-best 7-year warranty are still standard in the newest Lightspeed model.

Performance Ear Seals

Delta Zulu’s performance ear seals are tapered to provide a more natural fit, for greater comfort and stability. Plush ear seals provide 20% more surface area than competitors, for a better seal around glasses frames and a more comfortable distribution of side pressure. Larger cup cavity provides 50% more space for your ears, allowing the entire ear to fit comfortably inside.

Delta Zulu

The most comfortable, most durable headset Lightspeed has ever made.

More comfortable

Performance ear seals are tapered to provide a more natural fit, for greater comfort and stability. Plush ear seals provide 20% more surface area than competitors, for a better seal around glasses frames and a more comfortable distribution of side pressure. Larger cup cavity provides 50% more space for your ears, allowing the entire ear to fit comfortably inside.

More durable

Rugged cables built around a Kevlar core deliver more strength and flexibility. Nearly 100% of the headset is made from stainless steel and magnesium. Magnesium ear cups are both strong and light.

More clarity

The Dual Aperture Disc™ microphone provides greater noise cancellation. Exclusive, user-adjustable mic gain helps balance loud and soft voices in a multi-headset environment. Front Row Center™ (FRC), stereo cross-feed technology, and redesigned speakers deliver crisp, rich audio and unparalleled music fidelity.

BLUETOOTH DUAL GA PLUGS $899.00
BLUETOOTH LEMO PLUGS $899.00
BLUETOOTH U-174 HELI PLUGS $899.00

LIGHTSPEED HEADSET ACCESSORIES

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<th>Description</th>
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<td>Lightspeed Zulu Headset Refresher Kit</td>
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<td>Sierra / Tango Replacement Head Pad</td>
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<td>QFR/Skycom Zippered Comfort Head Pad</td>
<td>11-07555</td>
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<td>Zulu / Sierra / Tango Ear Seals</td>
<td>11-08043</td>
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<td>Zulu, Sierra, Tango, 3G, QFRc, XLC Wind Screen</td>
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<td>Zulu Shirt Clip</td>
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<td>Cell Patch Cord</td>
<td>11-01990</td>
<td>$5.75</td>
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AIRCRAFT SPRUCE - LIGHTSPEED AVIATION TRADE UP PROGRAM

SEE OUR WEBSITE FOR DETAILS
SIGTRONICS HEADSETS

SKYCOM & SKYPRO HEADSETS

SKYCOM H-40A AVIATION HEADSET
Features Foam Ear Seals and Air-Foam Headpad for exceptional comfort and fit. The Skycom H-40A Headset provides 24 dB Passive Attenuation. It features a high quality Noise Cancelling Electret Microphone specially designed to match the frequency of the human voice to provide sound clarity, best intelligibility, and background noise reduction. The Unique ball-joint articulating boom rotates laterally for precise tip-angle alignment, and switches for placement on either side of the mouth. Independent built-in volume control permits pilot and co-pilot to separate sound levels. The Cables are shielded and the speakers are wired in parallel for greatest reliability. Fully adjustable headband fits all sizes. Navy Blue Earcups are fabricated from high impact ABS plastic. P/N 11-00999 $399.95

SKYCOM H-80A AVIATION HEADSET
The Skycom H-80A is the top-of-the-line Passive headset manufactured for Aircraft Spruce. It incorporates all of the quality features of the SkyCom H-40A above, plus many more. The Skycom H-80A Headset features Leatherette Ear Seals and Super Cushion Headpad for exceptional comfort and fit. The Skycom H-80A Headset provides 24 dB Passive Attenuation. It features a high quality Noise Cancelling Electret Microphone. It has Dual volume controls and a Mono/Stereo Selector Switch. All this in a premium, lightweight headset with attractive dark navy blue ear cups. P/N 11-00999 $129.95

SKYCOM ANR HEADSET
Available exclusively from Aircraft Spruce. The Skycom ANR Headset features Soft Leatherette/Memory Foam Ear Seals for exceptional comfort and fit. Ultra-soft Pillow-Top Headpad remains comfortable during long flights. The Skycom ANR provides 24 dB Passive Attenuation, and 16-19 dB Active Attenuation. It features a high quality Noise Cancelling Electret Microphone for crisp communications. The S-20 incorporates the M-80 microphone, designed specifically for use in high noise environments with its “hot-spots”. A new microphone configuration cancels unwanted noise before it can get into the system. Sigtronics’ 5-year warranty, custom padded bag, easy-grab volume controls, ultra foam windows & exclusive clothing clip are included. Wt. 11.9 oz. Flex boom. Mono...

REPLACEMENT EAR SEALS

SIGTRONICS S-AR HEADSET
The S-AR headset protects your hearing switched on or off. With S-AR switched on you hear a major reduction in low frequency noise. Radio transmissions that are weak and garbled on passive headsets will sound strong and clear with an S-AR headset. Features up to 18 dB of active noise reduction, air foam head pad cushion that virtually eliminates “Hot Spots”, ultra-deep gel ear seals for comfort and ease of use and custom flex boom for perfect mic placement. Sigtronics exclusive “Stop-Break” high flex cord and RFI and EMI free electronics make the S-AR ideal for pilots who want a high performance mono/stereo headset. A battery power module (9V) with belt clip and custom headset bag are included with all S-AR headsets. P/N 11-00085 $532.00

SIGTRONICS HEADSET TESTER HT-1
Sigtronics Headset Tester will accommodate two headsets and include a built-in Push-To-Test switch. With this unit you may test one headset alone or two headsets together. Simply plug one or two headsets into the tester. Then place the headset one your head and press the Push-To Test switch. P/N 11-17126 $83.75

SIGTRONICS PANEL MOUNT COMBOS - Same as Combo #2 except substitute SPA-400 panel mount intercom for SPO-42 portable intercom. Combo #3A w/S-58 Headsets P/N 11-00039 $765.00

SIGTRONICS HEADSET/INTERCOM COMBOS

SIGTRONICS HIGH PERFORMANCE HEADSETS
All Sigtronics headsets and intercoms are specifically designed for high-noise environments and are RFI and EMI immune, giving you clear, interference-free transmission even in fabric or composite aircraft or in use with handheld radios.

SERIES 8 HEADSETS
“8 Series” superlight headsets are full-size quality headsets available at just 11.9 oz., delivering comfort, and performance. A new lightweight, custom flex boom stays where you put it, even in the roughest conditions.
S-58 features new, durable, non-glare “powder-coated” black hardware and Sigtronics “sky-blue” earcups. The new ergonomic headpad and custom fit gel seals deliver comfort and eliminate “hot-spots”. A new microphone configuration cancels unwanted noise before it can get into the system. Sigtronics’ 5-year warranty, custom padded bag, easy-grab volume controls, ultra foam windows & exclusive clothing clip are included. Wt. 11.9 oz. Flex boom.

SIGTRONICS S-8 HEADSET
Eliminate scratching the top of your canopy by using the Sigtronics S-8 headset. features a behind the head headband with quick adjust hook-n-loop strap that fits the shape of your head, a flex boom and gel ear seals. The S-8 has a passive noise reduction rating of 24 db. 5 Year warranty. P/N 11-00064 $296.00

SIGTRONICS S-45 HEADSET
S-45 series headsets are the same as the S-40 headset, except they have airflow headpads and gel earseals for maximum comfort.

SIGTRONICS HEADSET ACCESSORIES

SIGTRONICS 2-PLACE COMBOS - Includes 2 Sigtronics S-58 headsets, 1 SPO-22 (2)place intercom, push-to-talk switch, & comfort covers for headsets. Combo #1A w/S-58 Headsets P/N 11-00037 $746.00
SIGTRONICS 4-PLACE COMBOS - Includes two Sigtronics S-58 headsets, SPO-42 (4)place intercom, push-to-talk switch, & comfort covers for headsets. Combo #2A w/S-58 Headsets P/N 11-00038 $789.00
SIGTRONICS PANEL MOUNT COMBOS - Same as Combo #2 except substitute SPA-400 panel mount intercom for SPO-42 portable intercom. Combo #3A w/S-58 Headsets P/N 11-00039 $765.00

CALL FOR SPECIAL PRICES!
DAVID CLARK HEADSETS

DAVID CLARK DC ONE-X HEADSET

The DC ONE-X headset features the perfect combination of comfort, technology and durability. From the moment you put it on, you’ll notice the difference. The feel of plush, leatherette ear seals that enclose your ears in comfort. The soft, Outlast® fabric, vented head pad that actually absorbs heat buildup to keep you cool during long flights. The advanced, Hybrid Electronic Noise Cancellation technology that delivers extraordinary ANR performance. The rugged, yet lightweight alloy suspension system with adjustable headband and swivel hinge stirrups to ensure a personalized fit.

OneX Dual Plug Battery Powered ................P/N 11-14296 $859.00
OneX 6 Pin Plug Aircraft Powered ..................P/N 11-14297 $895.00
OneXH for Helicopters ...............................P/N 11-14901 $895.00
Leatherette Ear Seals ................................P/N 11-15265 $42.75

DAVID CLARK DC PRO-X HEADSET

Superior technology. Super comfort. Superior performance. All in a sleek, new, supra-aural design. The new DC PRO-X from David Clark Company offers best-in-class Hybrid electronic noise cancellation and Bluetooth® wireless technology. Digital Signal Processing (DSP) provides high fidelity audio for superior communications and music listening. Dual voice coil ear phone drivers ensure fail-safe operation. And push, leatherette ear seals and head pad to cradle you in comfort. All supported by a rugged, yet feather-light magnesium alloy suspension.

PRO XA BNC Airbis .................................... P/N 11-12530 $294.95
Inline Belt Clip .............................................P/N 11-13583 $5.55

DAVID CLARK DC PRO 2 U-174/U PLUG SINGLE EAR PASSIVE


Features: • Rugged, yet lightweight, supra-aural, rest-on-ear design • Volume control permits adjustment of listening level in ear • M-2 dynamic microphone for enhanced noise cancelling • Features U-174/U plug compatible with military aircraft low impedance Intercom Communication Systems.

P/N 11-19355 ........... $408.75

DAVID CLARK DC PRO-X2 HEADSETS

The DC PRO-X2 Series is a next generation version of the popular DC PRO-X Series headset line introduced by David Clark Company in 2012. The DC PRO-X2 Series is ideal for both general aviation (private) and commercial aviation (airline, corporate and transport) pilots that prefer the superior comfort, dramatically reduced clamping pressure and lightweight design (under 8 ounces) of a ‘rest-on-ear’ style headset.

DC PRO-X2 Series headsets also retain all of the features of the original DC PRO-X Series.

Model Description Part No. Price
43105G-01 ENG Headset-Mic., Dual Plug, BT 11-17247 $745.00
43105G-04 ENG Headset-Mic., 5-PinXLR, BT 11-17249 $745.00
43105G-07 ENG Headset-Mic., 5-PinXLR 11-17250 $745.00
43105G-01 ENG Headset-Mic., Dual Plug 11-17251 $745.00

DAVID CLARK DC PRO-2 HEADSET DUAL GAPlUGS PASSIVE

Next generation DC PRO-2 passive noise attenuating headset-microphone dual plug combine outstanding comfort, performance and durability in a lightweight, rest-on-ear design. These headsets are ideal for commercial pilots that fly low-noise aircraft where Electronic Noise Cancelling ANR technology is not required. DC PRO-2 headsets provide enhanced audio quality and clear, crisp voice transmission utilizing advanced, noise-cancelling electret microphones.

Dual GA Plugs ......................... P/N 11-17400 $380.00
5 PIN XLR Dual Plug .................. P/N 11-17401 $380.00
GA Dual Plug Single Ear .......... P/N 11-17402 $335.00
Military U-174 Plug ............... P/N 11-19353 $380.00
6-Pin Panel Mount/Bluethoot ....... P/N 11-19354 $785.00

DAVID CLARK H10-76 LOW IMPEDANCE HEADSET

Undercut Comfort-Gel Ear Seal for Improved Comfort. Low Impedance. Most popular noise attenuating headset ever produced for use with military radios. Standard headset of the U.S. Air Force, NATO and most airborne command centers. AWAC’s, under command of NATO and the United States, use the H10-76 both in the cockpit and the communication operations. Headset of choice of M.A.T.S. pilots. Also used in ground support operations. Coiled cord terminates into a U-174/U plug. P/N 11-02226 $315.00

DAVID CLARK 10S/DC HEADSET

The only consumer stereo headset having an independently certified Noise Reduction Rating (NRR). Stunning stereo output. Newest Undercut Comfort Gel Ear Seals Super-Soft, Double-Foam Headpad. Dual volume controls. Lightweight, 6 ft. extended coil cord. Terminated with commonly-used 3.5mm stereo plug. Both 1/4-inch plug adapters (mono & stereo) included. Earphone elements are hi-fidelity, dynamic with a range of 10,20,000 Hz. NRR 23dB.

P/N 11-02238 $223.95

DAVID CLARK H10-13X ANR HEADSETS

The H10-13X aviation headset has the most advanced Electronic Noise Cancelling (ENC) technology assuring an amazingly quiet flight. Available in the most popular and comfortable headset style. H10-13X Features: Quiet Performance — You’ll hear and feel the difference immediately. When ENC is turned ON, noise cancellation actually improves by an additional 12-17 dB. That’s better total protection than any other headset available today. 5 year warranty.

Outstanding Comfort - Lightweight at just 17oz. w/advanced comfort features. Super soft gel ear seals with new exclusive Velvet Fleece surface, combined with reduced headband pressure and a soft foam-filled pillow headpad create a comfort level never before experienced.

Superior Communication Intelligibility - The ENC system and the exclusive M-7A noise cancellation electret mic provide unsurpassed performance and clear, crisp transmission and reception. Stereo compatible for use with stereo intercom and cabin entertainment systems.

Model Description Part No. Price
H10-13X Fixed wing headset (ENC) with straight, 5ft. cord to Battery Power Module to straight 5ft. cord with A/C Panel-Intercom Plugs (hardwired) 11-03819 $698.00
H10-13XL Fixed wing Headset (ENC) with straight, 5ft. cord, Snap Lock-Quick Release Connector/Battery Power Module with mating Headset and Cord Assy Connectors/Coil Cord Assembly with mating battery connector and Panel-Intercom Plugs 11-03820 $789.00
H10-13XP Fixed wing Headset (ENC) with straight, 5ft. cord, Snap Lock-Quick Release Connector and Panel Mount Module with mating Headset Connector, on/off Toggle Switch 11-03821 $749.00
H10-13XHL Helicopter Headset (ENC) with coiled, 5ft. (extended) cord, Snap Lock-Quick Release Connector/Battery Power Module with mating Headset and Cord Assy Connectors/Coil Cord Assembly with mating battery connector and Panel-Intercom Plug 11-03817 $810.00
H10-13HXP Helicopter Headset (ENC) with coiled, 5ft. (extended) cord, Snap Lock-Quick Release Connector and Panel Mount Module with Headset Connector, on/off Toggle Switch. 11-03818 $769.00

WWW.AIRCRAFTSPRUCE.COM

Prices Subject to Change Without Notice - Valid as of June 1, 2023.
Pilots have trusted the green domes of David Clark Company headsets for over 25 years. Their high-performance products are now equipped with several new features to enhance pilot comfort: super-soft, double-foam headpads, comfort-gel, ‘undercut’ ear seals, and a smaller, lighter battery pack with auto shutoff for ENC models. Find out for yourself why quality conscious pilots will accept nothing less than the #1 Headset in Aviation.

**DAVID CLARK HEADSET**

**H10-66LX & H10-76XL**

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<thead>
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<td>H10-76XL PORTABLE LOW IMPEDANCE ENC HEADSET</td>
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**DAVID CLARK H10-76 HEADSET**


P/N 11-022626 .................... $315.00

**DAVID CLARK H10-56HXL HELICOPTER HEADSETS**

New Comfort gel, undercut ear seals. Battery Power Module - One 9 volt battery for up to 25 hours of operation. Pilot Selectable Automatic-Shut Off Feature. Five foot (extended) coil cord terminating with a 10 pin quick release connector.

<table>
<thead>
<tr>
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<tbody>
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<td>Model H10-56</td>
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**DAVID CLARK XL XP TO BOSE PANEL ADAPTER**

Allows David Clark ENC headsets (XL or XP models) to be used, battery free, in an aircraft using a six connector female socket (Bose Panel socket)..............P/N 11-08811 .........$173.75

**DAVID CLARK HEADSET BAG**

This ballistic Nylon Carry Bag is black on black, with the DC logo subtly embroidered in the lower right corner. This bag has been carefully chosen for its simplicity, quality and workmanship and is a fitting complement to any David Clark Headset. P/N 11-00642 .........$22.50

**DAVID CLARK GROUND SUPPORT HEADSETS**

Ground Support Headsets are designed to facilitate communication when background noise or distance makes it extremely difficult to communicate. During ground-support operations, communication is critical to ensure the safety of everyone in the vicinity as well as the protection of the aircraft from accidental damage.

**MODEL H7010**

Noise Attenuating Headset • M-101 Noise-Cancelling Microphone • 30-inch straight cord with U174/U plug • Noise-shielded microphone (muff) with On/Off switch • Soft headpad and ear seals guarantee exceptional comfort • Snap-fastened nylon straps secure microphone muff to mouth • Corrosion-resistant, chrome plated headpad/strap assembly • Extremely durable and reliable • NRR 26dB .................. P/N 11-07116 .............. $329.00

**9V BATTERY PACK FOR ENC HEADSETS**

The XL-9V 9 volt battery pack from David Clark is easier to operate, store and use. It is 50% smaller and 50% lighter than previous battery packs. The model XL-9V battery pack uses a 9 volt alkaline battery (40862G-01) to provide power to the headset ENC system. The XL-9V features an Auto Shut Off function to save the battery if the power switch is left on when the headset is not in use. The Auto Shut Off feature operates by sensing loss of microphone DC bias voltage when the headset is unplugged or aircraft audio system is shut off.

A switch is provided inside the battery compartment to control the Auto Shut Off feature. The XL-9V is shipped from the factory with this switch in the DISABLE position, which will provide continuous power to the ENC system whenever the power switch is on.

P/N 11-01783 .................. $112.75

**DAVID CLARK UNDERCUT COMFORT-GEL EAR SEALS**

Ear Seals have redesigned to be softer, more supple and form fitting, with a unique “undercut” shape that provides more room for your ears. This exclusive design makes for a larger, yet lighter ear seal. This new ear seal is now standard on the entire line of DC aviation headsets. New Ear Seal Features: • 26% lighter • 60% more surface area in contact with your head provides greater comfort by dissipation of necessary headband pressure • 30% more interior volume creates more room for your ear.

P/N 11-01782 ............. $25.50

**DAVID CLARK M-7/DC MICROPHONE RETROFIT KIT**

This Retrofit Kit allows you to upgrade your older model H10- Series aviation headset (H10-40, H10-50 etc.) microphones with M-7/DC Amplified Electret Microphone. Upgrade is simple and easy because no changes to the boom assembly are required ..........P/N 11-16833 .............. $84.75

**DAVID CLARK 6AA BATTERY PACK**

Accepts 6 AA batteries. The protective cover keeps battery terminals from accidental contact with conducting surfaces while stored. Having a Spare Battery Cartridge, loaded and ready, will minimize time without electronic noise cancellation when batteries drain.

P/N 11-02019 ............. $18.50
AVCOMM HEADSETS

A new, intercom-powered hands-free LED flashlight that’s built into the headset microphone. Never require batteries. Provides power to the LED’s without a battery pack! Has a backup power system that provides 30 minutes of power in case of power failure. Integrated version powered by the aircraft intercom system (No battery pack required).

AVCOMM AC-747FL HEADSET

Comes with GA and Helicopter cords Key Features: Ships Power FLITELite - no battery pack or wires required! Exclusive PNR technology and "plug and fly" design. Full flex boom Ultra-lite micro samarium cobalt speakers. Each ear cup features an independent volume control. M-60 microphone with active filtering chip Deluxe Comfort Package included Full five-year factory warranty Converts easily by plugging in either the general aviation straight cord or the helicopter coil cord (both included with the headset). FACTORY INSTALLED • Stainless steel headband with easy thumbnut adjustment • Deluxe comfort headpad • Acoustic foam earseals ALSO INCLUDED • 100% cotton ear covers • Acoustic mic muff ………………….. P/N 11-02262 …………… $292.53

AVCOMM AC-200 PNR™ HEADSET


AVCOMM AC900HD PNR DELUXE HEADSET

The AC900HD PNR (Silver) offers enhancements which make the AC900HD PNR the premium choice in the Avcomm headset lineup. Pilots and passengers everywhere are praising the features and benefits, claiming its comfort and performance surpass anything they have ever used before. The powerful, ultra-lite Neodymium speakers produce a richer, smoother frequency response for both voice and music. The powerful magnetic core and diaphragm provide high sensitivity and optimized response.

P/N 11-16079 …………… $129.95

AVCOMM AC1000 ANR HEADSET

AC1000 Matte Black Edition Active Noise Reduction rated at 52 dB Bluetooth Connectivity for Audio and Communication. Dual GA Plugs. 3-Way Audio Priority Switch: A-Intercom Priority, B - All Audio Sources, C-Intercom Only. 3-Color Power/Battery Status LED. 4-Function Bluetooth Status LED Deluxe leather Ear Cushions. Dual-Function Auto Shut Off. Auxiliary 3.5mm Audio Input (Cable included). Requires 2 AA batteries (batteries not included). 5-Year Warranty with 30-Day Money Back Guarantee P/N 11-16337 …………… $319.00

AVCOMM AC200 PNR HEADSET

The AC-200FB PNR™ headset offers simple and affordable PNR™ (passive noise reduction) performance and is perfect for student pilots or extra an extra headset. Features: • Simple and affordable PNR™ performance • FULL Flex Boom • Dual volume controls for right and left ears • Incredible voice clarity • Higher noise attenuation • Ultra-lite Neodymium speakers • Volume control and easy to adjust stainless steel headband • Acoustic foam ear seals and acoustic mic muff • M-65 microphone with active filtering chip • Lighter weight; weighs only 13.4 oz. • Srty factory warranty. P/N 11-02259 …………… $119.00

AVCOMM AC950 ANR DELUXE HEADSET

The AC950 ANR offers more in an improved design. These latest enhancements make the AC950 ANR the premium choice in the Avcomm headset lineup. Pilots and passengers everywhere are praising the features and benefits, claiming its comfort and performance surpass anything they have ever used before. Features: • Advanced ANR audio technology • Full spectrum stereo response • Each ear cup features an independent volume control • Electronic mic with active filtering chip for complete noise cancellation • Durable polyurethane coated domes with Platinum finish • Advanced battery pack with low battery indicator • Full flex boom and leather Ear Seals • Full five-year factory warranty • Free headset bag included …………… P/N 11-17104 …………… $250.00

AVCOMM PERSONAL HEADSET BAG

These lightweight, tough bags provide protection for an individual headset, charts, or personal items. A zippered compartment on the outside is ideal for accessories.

P/N 11-15412 …………… $14.95

AVCOMM ACCESSORIES

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
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<tbody>
<tr>
<td>P-1004</td>
<td>Deluxe cloth ear covers-black</td>
<td>11-02283</td>
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<tr>
<td>P-1022</td>
<td>Acoustic mic muff</td>
<td>11-02284</td>
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<td>P-1024</td>
<td>Acoustic mic muff</td>
<td>11-02285</td>
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<tr>
<td>P-1041</td>
<td>AvComm deluxe head pad</td>
<td>11-02286</td>
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COMFORT ACCESSORIES

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<tr>
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<tr>
<td>Foam ear seals - pair/small</td>
<td>11-02280</td>
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<tr>
<td>Foam ear seals - pair/large</td>
<td>11-02281</td>
<td>$11.21</td>
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<td>Deluxe gel ear seals - pair</td>
<td>11-02282</td>
<td>$24.04</td>
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<tr>
<td>Deluxe cloth ear covers-black</td>
<td>11-02283</td>
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PARTS & ADAPTORS

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<thead>
<tr>
<th>Description</th>
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<tbody>
<tr>
<td>Deluxe PTT switch</td>
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<td>Adapter - GA to helicopter</td>
<td>11-02288</td>
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<td>Adapter - helicopter to GA</td>
<td>11-02289</td>
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<td>Headset extension cord - 5ft.</td>
<td>11-02290</td>
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<td>Headset splitter</td>
<td>11-02291</td>
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<td>Gen. aviation straight cord</td>
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MICROPHONES

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<tr>
<th>Description</th>
<th>Part No.</th>
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<tbody>
<tr>
<td>Replacement Mic for AC-454 Headset</td>
<td>11-08807</td>
<td>$57.39</td>
</tr>
<tr>
<td>Replacement Mic for AC-900, AC-910, AC-920 Headsets</td>
<td>11-08808</td>
<td>$56.97</td>
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</tbody>
</table>
ANR headset aviation industry leader. Components makes the stereo Headsets Inc. 6001BT the affordable.

Additional features include extraordinary audio fidelity, Bluetooth.

Prices Subject to Change Without Notice - Valid as of June 1, 2023.

HEADSETS INC. - 1001 PNR HEADSET
- 24dB NNR hearing protection • Noise-canceling electret mic • Rugged Mil-Spec cabling • Dual volume control • New full flex boom • Wide comfort foam ear seals • Cotton cloth ear covers • Available in black or white • Weight 14.5 oz • 3 year factory warranty The 1001H is available with Foam Ear Seals, Gel Ear Seals, or in a Bundle. Bundle includes: Gel Ear Seals, Soft Top Headband, and Cloth Ear Covers.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
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<tbody>
<tr>
<td>1001B Black PNR Headset</td>
<td>11-06494</td>
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<tr>
<td>1001BG Black PNR Headset w/Gel Seals</td>
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<td>1001B PLUS Black PNR Headset Bundle</td>
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<td>1001WG White PNR Headset w/Gel Seals</td>
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<td>1001H Black Hel. Headset</td>
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<td>1001HG Black Hel. Headset w/Gels</td>
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<td>1001BH PLUS Black Hel. Headset w/Bundle</td>
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<td>1001WH White Hel. Headset</td>
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<tr>
<td>1001WHG White Hel. Headset w/Gel Ear Seals</td>
<td>11-09620</td>
<td>$133.85</td>
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</table>

HEADSETS INC. - 4001 STEREO PNR HEADSET
- 24dB NNR hearing protection • Noise-canceling electret mic • Rugged Mil-Spec cabling, chrome plated plugs • Dual volume control stereo • Pillow top head pad • Full flex boom design • Gel ear seals • Cotton cloth ear covers • Wind block mic muf • Weight: 15 oz • 3 year warranty Headsets Inc. -4001 the affordable aviation industry leader.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>Black .................P/N 11-06093</td>
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</tr>
<tr>
<td>White .................P/N 11-09566</td>
<td>$153.85</td>
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</table>

HEADSETS INC. - 6001 ANR HEADSET
- Powerful ANR performance • Noise-canceling electret mic • Rugged Mil-Spec cabling, chrome plated plugs • Dual volume control stereo • Pillow top head pad • Full flex boom design • Gel ear seals • Wind block mic muf • Self shut-off battery pack • Crossover cable to replace existing cable on headset. Standard Battery supply has 2 voltage regulators, a DC-DC converter for isolation, and an in-line 1/4 amp fuse. For use with 11-08094 (6001B) & 11-10074 (6001T) P/N 11-07180 | $52.75 |

HEADSETS INC. - 6001BT BLUETOOTH ANR HEADSET
The Headsets Inc. 6001BT has ear cups with internal baffle-plate providing the strongest ANR in the industry. With 18-20dB of noise reduction @ 200Hz with an effective range from 20 to 600Hz, the Headsets Inc.

Additional features include extraordinary audio fidelity, Bluetooth connectivity, battery life LED indicator, chrome-plated plugs, ABS ear cups and chrome stainless steel headband combined with the best audio components makes the stereo Headsets Inc. 6001BT the affordable ANR headset aviation industry leader.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
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<tr>
<td>Flat Black Dual GA Straight</td>
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<td>Flat Black 6-Pin Lemo Straight</td>
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<td>Flat Black U174 Hel. Straight</td>
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<td>Gloss Black Dual GA Straight</td>
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<td>Gloss Black 6-Pin Lemo Straight</td>
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<td>Gloss Black U174 Hel Straight</td>
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<td>Gloss Black U174 Hel Coiled</td>
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<td>Flat Forest Green Dual GA Straight</td>
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<td>Flat Forest Green 6-Pin Lemo Straight</td>
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<td>Flat Forest Green U174 Hel Straight</td>
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<td>Flat Forest Green U174 Hel Coiled</td>
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<td>Flat Tan 6-Pin Lemo Straight</td>
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<td>Flat Tan U174 Hel Straight</td>
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<td>Gloss White Dual GA Straight</td>
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<td>Gloss White U174 Hel Coiled</td>
<td>11-16878</td>
<td>$118.78</td>
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</table>

GEL SEALS
Add all-day comfort with a pair of Deluxe silicone gel ear seals with the industry’s first double bump design to keep the gel in place. Other gel seals tend to squash out over time. Deluxe gel seal will block out noise for increased noise reduction. Fits Headsets Inc. and other top brands of aviation headsets. P/N 11-06496 | $21.95 |

FOAM EAR SEALS
Fits Headsets Inc. and other top brand general aviation headsets. P/N 11-03014 | $33.50 |

CLOTH EAR COVERS
Great for comfort and hygiene! The cool cotton comfort improves the tactile quality of any ear seal. Easy to install, absorbs perspiration, and completely washable. These covers fit all general aviation headsets. P/N 11-07367 | $5.70 |

MIC MUFF
This mic muff attaches easily, includes the o-ring retainer, improves transmission while eliminating wind noise, and protects the mic from moisture and dust. It is completely washable and fits all general aviation headset microphones. P/N 11-06497 | $6.50 |

GENERAL AVIATION TO HELICOPTER ADAPTER
General Aviation to Helicopter Adapter converts general aviation application to helicopter. P/N 11-09583 | $59.75 |

POWER SUPPLY FOR PANEL MOUNT HEADSETS INC. 6000, 8000
Panel-mount power supply for Headsets Inc. 6000: The Panel-Mount Power Supply is for 12V aircraft. Save on batteries by powering the ANR system from aircraft power. Active noise reduction systems require a very stable and clean power supply. This panel-mount power supply has 2 voltage regulators, a DC-DC converter for isolation, and an in-line 1/4 amp fuse. For use with 6001P/N 11-07018 | $52.75 |

BATTPACK SPARE BATTERY HOLDER
BATTPACK Spare Battery Holder is a AA battery carrying case that easily attaches directly to the 4-5mm cable of an active noise reduction headset. This simple and useful active noise reduction (ANR) headset battery holder easily attaches to any 4-5mm headset cable. The BATTPACK improves the aviation experience by making it easy and safe to locate spare batteries for an ANR headset. The patent design keeps your batteries securely in place and allows one to easily insert or remove two batteries when needed. P/N 11-17106 | $9.99 |

ANR KIT M-003-A FOR STANDARD HELMET
All the components needed to install ANR into your flight helmet. Standard modules containing Audio Speaker, ANR speaker, sensing microphone and control board. Assembly parts containing wire, solder, tie wraps, shrink tubing and Aramid pads. Gray foam strips for passive noise attenuation. Power cable 72” long. Helmet Gel ear seals. Crossover cable to replace existing cable on helmet. Standard Battery box to power ANR system. Uses (1) 9 volt transistor battery. P/N 11-12165 | $230.95
FLIGHTCOM CLASSIC ANR HEADSET

Flightcom’s Classic ANR Headset is built with comfort features not found in similar headsets. With overstuffed Confor® foam ear seals and larger than normal headband, the classic aviation style provides extended comfort and performance. Comfort: Classic ANR’s Confor® Foam ear seals, and a wide polar fleece headpad ensure comfort. Innovation: A volume control on each dome allows for independent adjustment. Noise reduction: We keep it quiet with our advanced hearing protection technology. Confor® Foam ear seals effectively block out sound. Noise reduction rating is enhanced by 14 to 18 dB at certain key low frequencies.

Comes with a durable nylon carry case • Precision flex boom with noise canceling electret microphone • 9-volt battery • Chrome headband with a washable polar-fleece headpad • Stereo/mono switch ensures audio compatibility • Mic muff and carrying case included • In-line, “drop-and-go” • Provides an additional 14-18dB noise attenuation at key low frequencies • Weight: 17.9 oz. • Dual-volume controls allow for independent volume adjustment in each ear dome • 3-year warranty

$389.00

FLIGHTCOM VENTURE 90
DUAL INPUT PASSIVE HEADSET

Weighing in at 17 ounces with super-thick ComLeather ear seals and washable thick polar-fleece headpad, this headset is designed to maintain the comfort demanded by experienced pilots spending long hours in the left seat. With 24dB passive NRR and an additional 14-18dB ANR, noise won’t prevent you from hearing radio traffic or using your MP3’s/MP4’s/DVD’s and your Sat/Cell phone through the dual-input battery box. Includes a heavy-duty padded carrying case.

$249.00

FLIGHTCOM DENALI D90ANR HEADSET

At less than 14oz, this headset is the lightest ANR model available. Denali’s ComLeather™ ear seals help abate noise and offer a comfortable fit. Includes dual inputs that support cell phone and Aux connections for communication and entertainment. Automatic muting ensures that all incoming transmissions are instantly heard. Uses two always available AA-size batteries for up to 50 hours of continuous ANR use. Also has SPS – a digital power management circuit. The SPS conserves battery life by shutting off the ANR circuit when not in use. Full passive performance is maintained when the ANR circuit is off. ANR model achieves additional 18-20dB at certain key low frequencies

$459.00

FLIGHTCOM 4DX CLASSIC

The 4DX Classic is an entry-level headset with classic Flightcom ruggedness. With dual-input, pressure position articulated boom and a ventilated foam rubber pad and combined liquid and foam ear seals, the 4DX Classic is comfortable and affordable. Noise canceling electret microphone • Single-volume control • Stereo/mono switchable • NRR 24dB • Weighs 16.9 ounces • Mic muff and cloth ear seals covers included • Three-year warranty

$115.00

FLIGHTCOM 4DLX CLASSIC

This headset combines the proven performance and affordability of the popular 4DX Classic headset with the comfort of the “air pillow” headpad. Features of the 4DLX Classic include combined foam and liquid ear seals, precision flex boom, noise canceling electret microphone, silicone gel ear seals and cloth ear seal covers. Features include noise cancelling electret microphone, precision flex boom, dual volume controls, stereo/mono switch, 22dB noise reduction rating and all top quality components. Wt 17.9oz. 3-y factory warranty.

$156.00

FLIGHTCOM E-13 ANR
MILITARY HEADSET

Newly designed battery box includes SAT/cell-phone support, auxiliary input and improved battery monitoring. Active Noise Reduction (ANR) provides an additional 14-18dB noise attenuation. USMC approved. Includes carrying case. Two-year warranty

$279.95

ACCESSORIES

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Headset Bag - Padded nylon headset bag with 2 chart-size mesh pocket</td>
<td>P/N 11-07371</td>
<td>$18.95</td>
</tr>
<tr>
<td>Comfort Seals</td>
<td>P/N 11-17130</td>
<td>$38.80</td>
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<tr>
<td>Gel-Flo Seals</td>
<td>P/N 11-17135</td>
<td>$48.75</td>
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<tr>
<td>Leather Ear Seals - 103-0019-10 Protein Leather Ear Seals. Fits all Denali headsets.</td>
<td>P/N 11-05947</td>
<td>$46.80</td>
</tr>
<tr>
<td>Cloth Ear Seal Covers - Fits dome style headsets 4DX, 4LX, 4DLX &amp; 5DX</td>
<td>P/N 11-08467</td>
<td>$15.65</td>
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<tr>
<td>Polar Fleece Headpad - 4DX, 4LX, 4DLX &amp; 5DX &amp; Classic ANR. Velcro closure.</td>
<td>P/N 11-08310</td>
<td>$29.75</td>
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<tr>
<td>Denali Hygiene Kit - Ear seals, headpad and mic muffs.</td>
<td>P/N 11-08485</td>
<td>$65.85</td>
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<tr>
<td>5DX Hygiene Kit - 2 gel ear seal, 2 cloth ear seal covers, 3 mic muffs and 3 securing o-rings</td>
<td>P/N 11-08592</td>
<td>$55.75</td>
</tr>
<tr>
<td>A9 Mic - Eliminates distortion and background noise, provides enhanced voice clarity</td>
<td>P/N 11-08765</td>
<td>$53.95</td>
</tr>
<tr>
<td>Large Mic Muff</td>
<td>P/N 11-17649</td>
<td>$11.95</td>
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<tr>
<td>Small Mic Muff - With o-ring (3 pk). For use on F20.</td>
<td>P/N 11-08591</td>
<td>$11.95</td>
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<tr>
<td>Polar Fleece Headpad - Fits 4DX, 4LX, 5DX &amp; Classic ANR. Velcro closure.</td>
<td>P/N 11-08313</td>
<td>$25.75</td>
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<tr>
<td>Flightcom Cig Lighter Adapter - Adapter to power intercom from aircraft power source.</td>
<td>P/N 11-08310</td>
<td>$12.65</td>
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<tr>
<td>PTT Switch Gold - Push-to-talk switch with durable gold contacts.</td>
<td>P/N 11-08311</td>
<td>$34.95</td>
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<tr>
<td>FC-06 MIC Y Adapter - Allows pilot and copilot to share a single Mic jack. Req. separate PTT for each position.</td>
<td>P/N 11-08314</td>
<td>$18.45</td>
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<td>Flightcom 4DX 4-Position PTT Switch</td>
<td>P/N 11-17649</td>
<td>$11.95</td>
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<tr>
<td>4 Place Jack Pack - Switchcraft mic and stereo headphone jacks &amp; hardware to install up to four positions.</td>
<td>P/N 11-08315</td>
<td>$79.95</td>
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<td>Flightcom FC-07 GA To Helicopter Adapter - Dual plug to single plug adapter.</td>
<td>P/N 11-08316</td>
<td>$79.95</td>
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<tr>
<td>Open Cockpit Mic Muff - High density muff installs over existing muff on Classic headset to block wind noise.</td>
<td>P/N 11-08317</td>
<td>$16.95</td>
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</tbody>
</table>

FLIGHTCOM COMBO PACKAGES

These combination packages offer extra savings as well as a pre-packaged set which includes two headsets, an intercom and a push to talk switch.

Ask for quote on any unlisted headset/intercom combo.

FLIGHTCOM DUAL INPUT PASSIVE HEADSET

P/N 11-10579
$249.00

FLIGHTCOM DUAL INPUT PASSIVE HEADSET

P/N 11-10820
$259.00

FLIGHTCOM DUAL INPUT PASSIVE HEADSET

P/N 11-108760
$199.00
### TELEX HEADSETS

#### TELEX AIRMAN 8+ DOUBLE SIDE ANR HEADSET AIRBUS XLR5 600OHM
- Airman 8+ ANR Ultra Lightweight Headset 600 OHM refined design elements and a range of new features that make Airman 8+ the best-performing Telex Airman Active Noise Reduction (ANR) headset to date. The Telex Airman 8+ is a lightweight noise-reducing headset designed specifically for optimising pilot communications in commercial and business turbine aircraft. Building on the tradition of the Airman 8+ has improved ANR capability and comfort. The headset is only one of three FAA TSO C139a approved ANR headsets to utilize Telex’s proprietary battery-free system. Larger pliable ear cushions and headband pad combined with dual axis ear cup pivots to provide long flight wearing comfort.
- Airman 8+ ANR Ultra Lightweight Headset 600 OHM...
- P/N 11-18322 $289.95

#### TELEX AIRMAN 8+ HEADBAND PAD
- Telex replacement headband pad for Airman 8+...P/N 11-18324 $11.50

#### TELEX AIRMAN 8+ LEATHER EAR CUSHIONS
- Telex replacement leather ear cushions for Airman 8+. Sold as 1 pair...P/N 11-18325 $29.65

#### TELEX AIRMAN 8+ CARRYING CASE
- Telex carrying case for Airman 8+...P/N 11-18326 $32.70

#### TELEX AIRMAN 8+ HYGIENE COVERS
- Telex hygiene covers for Airman 8+, 10 pack...P/N 11-18327 $31.50

#### TELEX AIRMAN 8 ANR HEADSET
- Sound Quality - The Airman 8 features a high-quality amplified electret microphone for clear voice transmission. Improved ANR and microphone noise cancellation ensures superior in-flight communication. Active Noise Reduction - The Airman 8 headset features enhanced ANR (Active Noise Reduction) with even more noise reduction. Powered from its microphone system, eliminating the need for batteries or special connectors.
  - Dual GA Plugs (600 ohm) .................P/N 11-15433 $469.00
  - Airbus XLR-5 Plug (600 ohm) ............P/N 11-15434 $465.00

#### TELEX AIRMAN 760 HEADPHONE
- A featherweight head phone unit designed for use with hand-held micro phones. For long term comfort, an adjustable clothing clip removes the cord weight from the head of the user...P/N 11-09300 $108.75

#### TELEX AIRMAN 760 HEADPHONE ACCESSORIES
- Windscreens
- cushions
- Gel cushion
- Full cushion
- Foam cushion
- Air Cushion
- Airman 760 Ear Seals
- Airman 760 Ear Cushions
- Airman 760 Headband
- Airman 760 Hygiene Cover
- Airman 760 Accessories
- Windscreens
- cushions
- Gel cushion
- Full cushion
- Foam cushion
- Air Cushion
- Airman 760 Ear Seals
- Airman 760 Ear Cushions
- Airman 760 Headband
- Airman 760 Hygiene Cover

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**Prices Subject to Change Without Notice - Valid as of June 1, 2023.**

WWW.AIRCRAFTSPRUCRE.COM
MS200 PLANTRONICS HEADSET

Combines a unique lightweight design and advanced technology to deliver the ultimate in comfort and reliability. The noise-canceling microphone enables clear, uninterrupted communications between air and ground. Its compact under-the-ear design ensures a secure, comfortable fit for extended wear, yet is convenient to carry and stow.

**Features:**
- • Hear every word through superior audio quality • 5-foot cord with one each PJ055 and PJ068 plug • FAA approved
- M200 Headset Dual Plugs
- P/N 11-07311 ...........$167.75
- MS200 For Airbus
- P/N 11-08905 ...........$210.95

**Description**

**P/N 13-06087 ...........$119.95**

**NAV-DATA ND-71 DELUXE HEADSET**

The Nav-Data Technologies deluxe headset has one of the best passive noise reduction ratings of most headsets. Nav-Data Headset:
- • Switch selectable stereo or mono operation • Dual volume controls • Gel earseals for extra comfort and noise attenuation • Super padded head band for comfort during long flights • Full flexible mic boom - stays where you put it! • Noise canceling electret mic • Weighs only 14.3 ounces.
- P/N 13-06087 ...........$119.95

SEE WWW.AIRCRAFTSPRUCE.COM FOR COMPLETE LIST OF HEADSETS, PART NUMBERS, AND PRICES.

**SUPER SOFT TOP FOR HEADSETS**

The Super Soft Top headset is the ultimate in comfort. Put this headset on and feel the difference! It contains two layers of foam and one layer of polyester wool that is covered with a 90% cotton fabric for maximum humidity absorption. Easy to install, it fits the following headsets:
- • All David Clark models, (except DC20-10 series) • All Pilot Avionics models, (except PA-1776, PA-1779, Premier, Concord HNE, & Commander series) • All Mary Golden MG’s • All Sigtronics • All ASA’s • All Softcom’s • All Flightcom models (except F-20 & Eclipse).
- P/N 13-00358 ...........$29.70

CLARITY ALOFT PRO PLUS HEADSET

The Pro Plus is designed for the discerning professional pilot who needs the ultimate in performance in a TSO certified headset. Robust wiring, exceptionally stable microphone boom, and our legendary comfort combine to make this the best option for the career pilot. The fact that the hearing protection is so good that it can go seamlessly from an airliner to an aerobatic plane just adds to the appeal of the Pro Plus.

**Includes:**
- • 6 pairs of medium tips • Sample pairs of small and large tips • Semi-rigid ballistic nylon carrying case • 2 lapel clips • Quick Start Guide
- P/N 11-13294 ...........$725.00

CLARITY ALOFT HEADSET

Used to improve both hearing protection and speech communications. Each earpiece includes a miniature speaker that reproduces speech signals from the aircraft audio system. The replaceable compliant foam tips attach to the earpiece and contain a pathway for the sound to travel from the transducer to the ear. Provides the highest level of hearing protection available by any method including active noise reduction. (ANR) The noise-canceling microphone is a high fidelity noise canceling Electret Condenser microphone. Include a music input in the Volume control box. This button could also be used as a backup in case of other system failures. Balance and comfort are the result of its elegantly simple design.
- P/N 11-02923
- $525.00

CLARITY ALOFT LINK AVIATION HEADSET

Wirelessly connect to multiple Bluetooth devices for phone calls, music, and more. Tailored Digital Signal Processing gives it the clearest sound available today. Purchase includes: Headset, carrying case, owner’s guide, starter supply of ear tips (package of 12), and 2 AA batteries.

**Features:**
- • Full spectrum noise reduction • Professional grade microphone with added Digital Signal Processing • 2 Bluetooth devices can be linked simultaneously • Enjoy music and movies on your iPod or iPad
- P/N 11-10420 ...........$795.00

CLARITY ALOFT FLEX AVIATION HEADSET

The Flex is light and customizable. Move the microphone from left to right, adjust the headband to perfectly fit your head, and fold it flat for storage. It’s TSO certified for commercial use and perfect in every other environment. Dual GA plugs

**Features:**
- • Dual Balanced Armature Speakers • 29-47 dB Noise Reduction • Head Weight Under 2oz • Dual Electret Microphone • Left or Right Side Mic
- • Music Input • No Batteries Required • TSO Certification from FAA • Adjustable • Fold-Flat Storage
- P/N 11-16552 ...........$775.00

**CLARITY ALOFT ACCESSORIES**

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<td>Adjustment Bands</td>
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<td>Lapel Clip</td>
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PILOT USA HEADSETS

PILOT USA CARBON A1 ANR HEADSETS
So light you may forget that you have a headset on when you get out of the aircraft • Made with carbon fiber material, 30% lighter than regular headsets • Connect to two devices at the same time! • Record out capabilities to camera/digital recorder or smart phone • USB-C external power source input • AUX input capabilities, dual volume control • Two AA batteries 20-25 hour continues usage • Detachable comm cord for different applications. (GA, Heli, 6 pin lemo) • ANR attenuation 19-21 db @ 150 Hz 5 year warranty
Dual GA P/N 11-18784 $689.00
U-174 Heli P/N 11-18785 $689.00
Panel Power LEMO P/N 11-18787 $699.00

PILOT USA PA-1100 LISTEN ONLY HEADSET
Keep your passengers informed and protect their hearing with our lightweight listen-only headset. Audio input jack allows user to listen to their favorite IPOD®, MP3®, cd player or monitor a radio. Your passengers will thank you for making their flight more enjoyable. NRR 24.
PA-1100... P/N 11-06516 $136.95
PA-1100S Stereo P/N 11-06515 $144.00

PILOT USA PA-1160AI HEADSET
The headset is designed to plug directly into the ICOM® A2, A3, A4, A20, A21 and A22 aviation transceivers eliminating any need for extra adapters. It can also be used with the A6, A14, and A24 but we suggest the PA-1160AI/R with Right angle plug for those latter models that have the input on the side of the radio. For ease of use, we have installed an inline Press-To-Talk (PTT) switch on the comm-cord. Great to have at air shows to listen to the tower and performers. ICOM Straight Plug... P/N 11-12902... $183.75

PILOT USA CARBON P1 PASSIVE HEADSET
So light you may forget that you have a headset on when you get out of the aircraft. • Made with carbon fiber material, 30% lighter than regular headsets. • Connect to two devices at the same time! • Record out capabilities to camera/digital recorder or smart phone. • USB-C external power source input. • AUX input capabilities, dual volume control • Two AA batteries 20-25 hour continues usage. • Detachable comm cord for different applications. (GA, Heli, 6 pin lemo) • ANR attenuation 19-21 db @ 150 Hz 5 year warranty
Dual GA... P/N 11-18782... $394.00
U-174 Heli... P/N 11-18783... $395.00
Panel Power LEMO... P/N 11-18784... $369.00

FLIGHT LITE GEN II DUAL SENSOR PILOT LIGHT
FLITE LITE GEN II Dual Sensor Pilot Light. The new GEN II is 30% smaller, and more efficient than GEN One. The new version was developed to meet MIL-STD-3009, for Night Vision Imaging Systems (NVIS) aircrew auxiliary and utility lighting. This light is also perfect for the General Aviation Cockpit. FLITELite comes complete with: • GEN II FLITELite unit, complete with: • GEN II FLITELite unit, components, computer controlled, dual sensor pilot light • Headset or Helmet Adapter (new adapters are free) • AAA Battery Pack • Optional Coin Cell Pack • Attachment accessories • AAA Batteries • Warranty

PILOT USA PA-1110 SINGLE SIDE HEADSET
This single sided ear cup headset is perfect for monitoring a radio and keeping one ear free to listen to crew members or monitor a 2nd radio source. One stirrup and ear cup have been replaced with an adjustable 2 cushion Air-Foam temple pad. Headset is fitted with a half flex/half metal mic boom with a noise canceling PA-7 electret microphone. Ear seals are liquid and foam for comfort and excellent noise cancellation. Weight 9.8 ounces. Three Year Warranty.
PA-1110... P/N 11-06513... $148.75
PA-1110H Helicopter... P/N 11-06514... $171.75

PILOT USA PA-1779M MILITARY HEADSET
• Passive Noise Reduction (NRR): 25dB • Active Noise Reduction: Additional 20-22dB • Genuine Sheepskin Headpad • Gel Ear Seals • M-87/AIC Dynamic Microphone • Custom Padded Protective Case • Rechargeable NIMH battery • Usage Time: 30-40 hrs • Coiled Cord with U-174/U Plug • Weight: 16.9 ounces (479 grams) • Five Year Warranty • Made in U.S.A
PA-1779M... P/N 11-06539 $697.00
PA-1779M101.. P/N 11-06538 $686.00

PILOT USA PA-1166M MILITARY HEADSET
• Passive Noise Reduction (NRR): 24dB • Dual Volume Controls • Pillow-Top Headpad • Gel Ear Seals • M-87/AIC Dynamic Microphone • Metal Hinged Microphone boom • Cloth Ear Seal Covers • Soft Padded Headset Case • Coiled Cord with U-174/U Plug • Weight: 16.9 ounces (479 grams) • Three Year Warranty
PA-1166M... P/N 11-06543... $256.95

PILOT USA H10-76 CONVERSION KIT
Allows the use of a David Clark 11-02226 (H10-76) or 11-02428 (H10-76XL) low impedance headset in a general aviation aircraft. Kit includes a noise canceling electret microphone (high impedance), and adapter to convert the H10-76’s single U-174/U plug to a dual plug system (PJ-068 and PJ-055)• P/N 11-14427... $94.85

PILOT USA PA-1140HNE GROUND CREW HEADSET
Great fit for aviation ground crew, passive noise attenuating headset preferred by ground crews around the world. This behind-the-head style allows headset to be worn under a hard hat while maintaining a secure fit and clear communications. Headset comes normally with an electret noise canceling microphone. This style of headset can also be fitted with various 2-way radio plugs and can be worn under a hard hat where hand held radios are in use. NRR 27 Three Year Warranty.
P/N 11-06511... $165.90

C-20 COBRA HEADSET
Features for this headset include an extra thick vented cushion headpad and ear seals for maximum comfort, earphones wired in parallel for safety and reliability, adjustable boom microphone that can be placed on left or right side of mouth, and high performance noise cancelling microphones
P/N 17-00237... $129.00

Prices Subject to Change Without Notice - Valid as of June 1, 2023.
WWW.AIRCRAFTSPRICE.COM
PA-1779T ANR HEADSET
- Passive Noise Reduction (NRR): 25dB
- Active Noise Reduction: Additional 20-22dB
- Auto Shutoff System
- Cell/Satellite Phone Interface
- Auxiliary Audio Interface for Music or Audible Checklist/Warnings
- Mono/Stereo Capability
- Dual Volume Controls
- Genuine Sheepskin Headpad
- Gel Ear Seals
- Noise Cancelling Electret Microphone
- Custom Padded Protective Case
- Rechargeable NiMH battery
- Usage Time: 30-40 hrs
- Weight: 16.9 ounces
- Five Year Warranty
- Made in U.S.A.
PA-1779T .................. P/N 11-11515 ........... $546.00
PA-1779TH (Helicopter) .................. P/N 11-00353 ....... $516.00
PA-1779TP (Panel Mount) .................. P/N 11-00440 ....... $585.00
PA-1779TB (Boise Connect) .................. P/N 11-00359 ....... $585.00

PA-1771T ANR HEADSET
- Passive Noise Reduction (NRR): 25dB
- Active Noise Reduction: Additional 20-22dB
- Auto Shutoff System
- Cell/Satellite Phone Interface
- Auxiliary Audio Interface for Music or Audible Checklist/Warnings
- Mono/Stereo Capability
- Dual Volume Controls
- Genuine Sheepskin Headpad
- Gel Ear Seals
- Noise Cancelling Electret Microphone
- Custom Padded Protective Case
- Powered by 9V Battery
- Battery Life: 25-30 hrs
- Weight: 13.4 ounces
- Five Year Warranty
- Made in U.S.A.
PA-1771T .................. P/N 11-02110 ........... $434.00
PA-1771TH (Helicopter) .................. P/N 11-03537 ....... $430.00

PA-1761T ANR HEADSET
- Passive Noise Reduction (NRR): 24dB
- Active Noise Reduction: 16-19dB
- Auto Shutoff System
- Cell/Satellite Phone Interface
- Auxiliary Audio Interface for Music or Audible Checklist/Warnings
- Mono/Stereo Capability
- Dual Volume Controls
- Pillow Top Headpad
- Gel Ear Seals
- Noise Cancelling Electret Microphone
- All Flexible Microphone Boom
- Cloth Ear Seal Covers
- Soft Padded Headset Case
- Powered by 9V Battery
- Battery Life: 25-35 hours
- Weight: 16.9 ounces
- Three Year Warranty
PA-1761T .................. P/N 11-03550 ........... $365.00
PA-1761TH (Helicopter) .................. P/N 11-06505 ....... $334.00

PA-2170T PASSIVE HEADSET
- Passive Noise Reduction (NRR): 26dB
- Cell/Satellite Phone Interface
- Auxiliary Audio Interface for Music or Audible Checklist/Warnings
- Mono/Stereo Capability
- Dual Volume Controls
- Genuine Sheepskin Headpad
- Gel Ear Seals
- Noise Cancelling Electret Microphone
- Soft Padded Headset Case
- Weight: 12.4 ounces
- Five Year Warranty
- Made in U.S.A.
PA-2170T .................. P/N 11-04940 ........... $212.95
PA-2170TH (Helicopter) .................. P/N 11-03553 ....... $227.95

BluLink enables you to use your Bluetooth cell phone and any music source wirelessly in the cockpit. You can use your existing general aviation, helicopter, Bose style panel mount, or military aviation headset with BluLink. The BluLink PTT system can be used with any Bluetooth cell phone. You have hands free functionality to talk over the phone and use the music source wirelessly. The PTT is located on the ear cup. ACG has PINK ear cups.
PA-1151ACB ........................... P/N 11-09660 ...... $146.75
PA-1151ACG ........................... P/N 11-03540 ...... $140.00

PILOT USA HEADSETS

PILOT USA BLUETOOTH CELLPHONE / MUSIC ADAPTER
BluLink enables you to use your Bluetooth cell phone and any music source wirelessly in the cockpit. You can use your existing general aviation, helicopter, Bose style panel mount, or military aviation headset with BluLink. The BluLink PTT system can be used with any Bluetooth cell phone. You have hands free functionality to talk over the phone and use the music source wirelessly. The PTT is located on the ear cup. ACG has PINK ear cups.
PA-1151ACB ........................... P/N 11-09660 ...... $146.75
PA-1151ACG ........................... P/N 11-03540 ...... $140.00

For GA Headsets: Works for general aviation headsets equipped with standard dual plugs
For Helicopter Headsets: Works for helicopter headsets equipped with the U-174 single plug
For Lemo Headsets: Works for panel powered headsets equipped with the Bose style single plug
RUGGED AIR HEADSETS

RUGGED AIR RA200 HEADSET
Headset with 24 db NRR, Clear Hear performance audio speakers, volume control and 3.5mm music input jack for Ipods and MP3. With Foam Fit ear seals, stainless steel headband and Deep Pocket ear canals student pilots and flight instructors will enjoy the all day comfort of the RA200. Superior Clear Hear 50mm audio performance speakers, EM56 noise reflective cup microphone and wind block foam mic muff. 7 year factory warranty
Rugged Air is bringing new audio technology with the same proven reliable cup and headband design. Finish it off with gold plated plugs, tough molded Y block, music input port, Total Shield cabling, and EM56 noise reflective microphone the RA200 is the perfect choice for all of your aviation adventures........................P/N 13-09291........$105.00

RUGGED AIR RA900 FLEX HEADSET
The Rugged Air aviation headset with 24 db NRR, Clear Hear performance audio speakers, dual volume control stereo weather proof push to talk on the dome and 3.5mm music input jack for Ipods and MP3. With Foam Fit ear seals, stainless steel headband and Deep Pocket ear canals student pilots and flight instructors will enjoy the all day comfort of the RA900. Never miss an instruction with the superior Clear Hear 50mm audio performance speakers. Always be heard with the all new designed EM56 noise reflective cup microphone and wind block foam mic muff. 7 year factory warranty
Rugged Air is bringing new audio technology with the same proven reliable cup and headband design. Finish it off with gold plated plugs, tough molded Y block, music input port, Total Shield cabling, and EM56 noise reflective microphone the RA900 is the perfect choice for all of your aviation adventures.......................P/N 13-09293........$199.00

RUGGED AIR RA980 ANR STEREO AVIATION HEADSET
The RA980 headset does it all and then some! This general aviation headset boasts active noise reduction, Bluetooth cell phone and music streaming, and is engineered from the finest materials including true carbon fiber. With a noise reduction rating of 26dB, the RA980 provides ANR hearing protection. It is powered by two AA batteries and the control module has a power indication light so you can always know how much battery life you have left. In the event of the batteries going completely dead, the headset is still able to provide passive noise reduction with a rating of 20dB. 7 Year Warranty................................P/N 13-21307........$699.00

RUGGED AIR RA620 HELICOPTER HEADSET WITH DUAL VOLUME CONTROL
Rugged Air brings new audio technology with the same proven reliable cup and headband design. With Stay Put full flex boom, Clear Hear performance speakers and a 24 dB noise reduction rating ATC will come through loud and clear. Always be heard with the all new designed EM56 noise reflective cup microphone with wind blocking foam mic muff. Other features include volume control, 3.5mm music input port for Ipods and MP3, Foam Fit ear seals, and an adjustable stainless steel headband. Finish it off with Military grade U174 plug, tough durable coil cord, and Total Shield cabling.
The Rugged Air RA620 headset is the perfect choice for all of your flying adventures.
Specifications:
• 24 dB NRR Hearing Protection
• Stay Put Full Flex Boom
• Foam Fits Ear Seals
• Tough Durable Coil Cord
• Stainless Steel Construction
• Universal 3.5mm Music Port
• Clear Hear Audio Speakers
• Wind Block Foam Mic Muff
• EM56 Noise Reflective Cup Mic
• Easy Adjustable Headband
• Foam Fit Comfort Ear Seals
• Full Factory 7 Year Warranty ......................P/N 13-10016........$225.00

RUGGED AIR HEADSET ACCESSORIES

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<td>Cloth Ear Covers</td>
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Prices Subject to Change Without Notice - Valid as of June 1, 2023.

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RUGGED AIR HEADSET ACCESSORIES

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<tr>
<td>Electret Mic for flex boom non amplified</td>
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<td>$20.00</td>
</tr>
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</table>

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779
**FARO G2 PASSIVE HEADSET**
The Faro® G2 Passive Noise Reduction (PNR) provides precise and clear audio, offering everything you would want in an aviation headset.

- **Large Soft Cushion** - Extra Comfort for long cross-country flights. Made of soft, durable fiber, the cushion makes the headset feel extra light. 
- **Always Loud. Always Clear.** - A fully adjustable microphone beam with wind screen allows ATC and your companions to hear you loud and clear.
- **Cushion** - Extra comfort for long cross-country flights. Made of soft, durable fiber, the cushion makes the headset feel extra light.
- **Soft Leather Ear Protection** - The soft faux-leather ear protection provides you with an amazing 23db in noise reduction and comfortably protects your ears.
- **Silicone Ear Protection** - Soft ultra-thick gel ear protection provides you with an amazing 26db in noise reduction and comfortably protects your ears.

FARO G2 Passive Headset - P/N 11-19182 - $329.00

**FARO G2 ACTIVE NOISE REDUCTION HEADSET**
The Faro® G2 Active Noise Reduction (ANR) is designed for pilots who want the quietest cockpit. Using the newest sound technology, the G2 Active noticeably reduces cockpit noise up to 52db. So you can fly longer, more comfortably, and in a quieter environment.

- **Large Soft Cushion** - Extra Comfort for long cross-country flights. Made of soft, durable fiber, the cushion makes the headset feel extra light. 
- **Always Loud. Always Clear.** - A fully adjustable microphone beam with wind screen allows ATC and your companions to hear you loud and clear.
- **Cushion** - Extra comfort for long cross-country flights. Made of soft, durable fiber, the cushion makes the headset feel extra light.
- **Soft Leather Ear Protection** - The soft faux-leather ear protection provides you with an amazing 23db in passive and an incredible 52db of noise reduction with active noise reduction turned on. Engineered to comfortably protect your ears on the longest cross-country flights. Featuring dual volume controls, and an MP3/iPhone Audio Input.
- **Active Noise Reduction Technology (ANR)** - The Faro Active reduces the unwanted ambient noise in the cockpit by using both Passive Noise Reduction (PNR) and Active Noise Reduction (ANR).

FARO G2 Active Headset - P/N 11-19181 - $849.00

**FARO G3 ANR HEADSET**
The First Premium Aviation Headset made of Carbon Fiber. Faro G3 is unlike any other headset you have ever worn. Hold it for just a second to realize what thousands of pilots have realized, this is very light. At only 9oz, you will truly appreciate the low-key, low-weight design of Faro G3. 

- **Large Soft Cushion** - Extra Comfort for long cross-country flights. Made of soft, durable fiber, the cushion makes the headset feel extra light.
- **Soft Leather Ear Protection** - The soft faux-leather ear protection provides you with an amazing 23db in passive and an incredible 52db of noise reduction with active noise reduction turned on. Engineered to comfortably protect your ears on the longest cross-country flights. Featuring dual volume controls, and an MP3/iPhone Audio Input.
- **Active Noise Reduction Technology (ANR)** - The Faro Active reduces the unwanted ambient noise in the cockpit by using both Passive Noise Reduction (PNR) and Active Noise Reduction (ANR).

FARO G3 Active Headset - P/N 13-16042 - $349.99

**FARO AIR IN-EAR HEADSET**

P/N 11-16235 - $329.00

**TELY TECHNOLOGIES ACE ANR AVIATION HEADSET**
Crafted with lightweight, durable carbon fiber, headsets’ cup design enhances sound quality while optimizing noise-canceling characteristics—perfect for achieving a clear, comfortable ride. In addition to reducing ambient sound, ANR Headsets come equipped with Bluetooth, so you can make phone calls or listen to music whenever you choose.

P/N 11-19181 - $849.00

**TELY TECHNOLOGIES SOLO PNR AVIATION HEADSET**
TELY PNR Headsets feature an ear cup push-to-talk button, making it easier than ever to contact ATC—even for instructors, who can conveniently communicate with ATC from the pilot’s seat, with no need to take control of the yoke. Separate volume controls for left and right ear cups, plus a completely reversible design, add to the flexibility of this versatile pilot’s tool.

P/N 11-19182 - $399.00

**HEADSET BUYBACK PROGRAM**
Aircraft Spruce accepts the return of most models of headsets for credit towards the purchase of certain high end ANR headsets. Please call or email our sales team for pricing and availability on trading in your head-set at 877-477-7823 or info@aircraftspruce.com.

Used headset credit will be applied to your Aircraft Spruce account which can then be used towards the purchase of a new headset over $600 value (only one used headset will be accepted towards the purchase of one of these new headsets). Used headset must be complete, having all accessories, and the unit must be in good cosmetic and working condition. Any unit not meeting this requirement may receive a lesser credit value or have the unit returned.

**ZETA™ / ZETA II™ HELMET LINERS**
Visco-elastic foam sewn into cool, washable wear-resistant fabric. Eliminates top-of-head hot spots. Self-wicking fabric controls heat buildup by evaporative cooling of perspiration. Eliminates “bob and roll” motion. Any unit not meeting this requirement may receive a lesser credit value or have the unit returned.

- **Zeta™ Helmet Liners**
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<th>Size</th>
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- **Zeta II™ Helmet Liners**
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Visit our website for the Application, Installation, Cleaning Instructions, and Sizing Chart in pdf format.
The noise reduction in-the-ear aviation headset is 22 dB. Simply hook the headset over your ears, insert the in-ear stereo speakers, and press inward to form a tight seal. The outer mold fits snugly inside the outer ear area. Stereo or mono selector switch with adjustable volume. Holds firmly in place when turning your head and inverted flight. Includes 2 adjustable wire management clips.

The CRAZEDpilot CP-1 headset is worth every dime for student pilots or that spare headset you require. Fully flexible mic boom like the expensive competitors. The noise reduction in-the-ear aviation headset on the market this CRAZEDpilot CP-1 headset is IDENTICAL in performance to David Clark, but without the price tag. The steel construction flexible mic boom and adjustable headband will last a lifetime. The molded two-plug aviation cable will last a lifetime with its integrated strain reduction. Get your CRAZEDpilot CP-1 today, you won’t regret the purchase.

**Features:**
- Flexible mic boom
- Memory foam ear seals and headpad
- Great active noise cancelling level, average 20dB • One 9 volt battery working time up to 48 hours much better than David Clark 25 hours • AUX jack for Cell phone with link cable design, comforter included • Gel ear seals and cotton cloth ear covers included for extra comfort! • When the ANR is ON, low frequency noise cancellation improves by an average of 18-24 DB • Auto Power On and Off when the unit is either unplugged or when your intercom turns on!

**CRAZED PILOT IN EAR HEADSET**

**DUAL GA PLUGS**

IN-THE- EAR STEREO Aviation Headset, High comfort-fit ear buds and a molded design to fit comfortably in the ear. No sharp edges or expensive foam tips - simply select from the 3 washable rubber tips included for a proper fit. Excellent quality construction and easy to put on, you’ll love this aviation headset for its compact design, comfort, and ease of use.

Includes a custom fit hard shell carrying case with multiple pouches.

The most COST EFFECTIVE yet COMFORTABLE aviation headset on the market this CRAZEDpilot CP-1 headset is worth every dime for student pilots or that spare headset you require. Fully flexible mic boom like the expensive competitors. The noise reduction in-the-ear aviation headset on the market this CRAZEDpilot CP-1 headset is IDENTICAL in performance to David Clark, but without the price tag. The steel construction flexible mic boom and adjustable headband will last a lifetime. The molded two-plug aviation cable will last a lifetime with its integrated strain reduction. Get your CRAZEDpilot CP-1 today, you won’t regret the purchase.

**Features:**
- Flexible mic boom
- Memory foam ear seals and headpad
- Stereo Headset • 24Db Passive Noise Reduction • Electret Noise Cancelling Microphone • One year warranty.

**CRAZEDPILOT CP-1 PASSIVE HEADSET**

The most COST EFFECTIVE yet COMFORTABLE aviation headset on the market this CRAZEDpilot CP-1 headset is worth every dime for student pilots or that spare headset you require. Fully flexible mic boom like the expensive competitors. The noise reduction in-the-ear aviation headset on the market this CRAZEDpilot CP-1 headset is IDENTICAL in performance to David Clark, but without the price tag. The steel construction flexible mic boom and adjustable headband will last a lifetime. The molded two-plug aviation cable will last a lifetime with its integrated strain reduction. Get your CRAZEDpilot CP-1 today, you won’t regret the purchase.

**Features:**
- Flexible mic boom
- Memory foam ear seals and headpad
- Stereo Headset • 24Db Passive Noise Reduction • Electret Noise Cancelling Microphone • One year warranty.

**ASA AIRCLASSICS HS-1 HEADSET WITH FLEX BOOM**

HS-1A Headset features:
- Earcups of high-density acoustic foam • High fidelity speakers for clear, natural sound • Electret, noise-canceling microphone • Gold-plated microphone and headphone plugs • High-grade, multi-strand wire • Stereo / mono capability • Large, dual controls • Microphone muff • Adjustable headband with easy thumb screws • Quality foam ear seals and light weight add to overall comfort! • Sleek, all-Black design with ASA silver wings silk-screened on each earcup • Sturdy and reliable - yet reasonably priced for maximum value • Lifetime warranty.

HS-1 Headset features:
- Lifetime warranty • Stereo / mono capability • Earcups of high-density acoustic foam • High fidelity speakers for clear, natural sound • Electret, noise-canceling microphone • Rear noise reduction in-the-ear aviation headset decreases background noise and allows clearest voice transmission • Gold-plated mic & headphone plugs ensure best connection & resist corrosion • High-grade, multi-strand wire improves cable life • Large, dual controls for quick, easy volume adjustment of each ear • Microphone muff • Adjustable headband with easy thumb screws eliminates “hot spots” and accommodates eyeglasses and any head size • Quality foam ear seals and light weight add to overall comfort • Sleek, all-Black design with ASA silver wings tastefully silk-screened on each earcup • Sturdy and reliable - yet reasonably priced for maximum value.

**MGL AVIONICS**

**MGL-880 HEADSET**

High class antracite look, metal frame - hand adjustable, no tools required. Very comfortable headband resulting in no pressure points due to light overall weight. Operates as mono or stereo headset with volume and balance controls and very good audio quality. Super soft gel ear seals with soft material allows for a good acoustic seal even if you are wearing glasses. Very high passive noise suppression figures over the full audio band. Filtered, noise canceling microphone. Gold plated connectors and high quality, long life cable. Reversible microphone boom. The headset features two volume control knobs - one on each earcup.

**Specifications:**
- Stereo and mono operation, Soft silicone gel filled earcups, Gold plated Headphone and Microphone plugs, Metal swivel gooseneck and metal microphone boom. Extremely light and strong at only 20.5oz / 580g. Excellent passive noise reduction rating of 27dB. Clear frequency response from 20-17,000Hz, distortion free through entire range. Adjustable open foam earcups with ease thumb screws • Quality foam ear seals and light weight add to overall comfort • Sleek, all-Black design with ASA silver wings tastefully silk-screened on each earcup • Sturdy and reliable - yet reasonably priced for maximum value.

**Description**

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
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<td>CP-1 Passive Headset Dual GA Plugs</td>
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<td>CP-1 Passive Headset (Heli)</td>
<td>11-13863</td>
<td>$122.75</td>
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**Accessories**

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<td>Ear Cup Inserts</td>
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<td>Gel Ear Seals</td>
<td>11-12909</td>
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<td>Headset Headpad</td>
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<td>Mic Cover</td>
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<td>Mic Covers (4 pack)</td>
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**CRAZED PILOT PINK HEADSETS**

Pink Powder Puff Pilot Headsets, available in PNR and ANR models, are built by a leading avionics manufacturer that specializes in FAA-qualified aviation headset. Each Powder Puff Pilot headset is hand-made by skilled engineers, and built with an electret microphone and advanced special noise attenuation technology to provide a comfortable audio environment. Both models feature a flexible boom assembly that allows you to adjust the mic to a position that’s just right for you. Powder Puff Pilot Headset is so confident of the quality of our headsets, we offer a 3-year warranty on all headset parts and service. Another guarantee: the distinctive Powder Puff Pilot logo in pink on pink on the non-mic earcup is certain to keep flyboys’ hands off your headset!

The PNR model offers a more affordable option—especially suitable for student pilots and passengers—delivering a perfect combination of noise reduction, clear sound, and comfortable fit. PNR headsets obstruct annoying noise and amplify communication signals for crystal clear voice transmission. Powder Puff PNR Headset...
LYNX MICRO SYSTEM

The Micro System is a unique self contained intercom system which is plug and play compatible with any radio. This equipment is extremely popular for use is open cockpit aircraft and is the market leader for use in ultralight, powered parachutes, etc.

MICROSYSTEM COMPONENTS

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<th>Description</th>
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<td>11-05346</td>
<td>Micro System Headset</td>
<td>Self contained intercom headset white*</td>
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<td>11-09310</td>
<td>High Visibility Visor</td>
<td>For use w/Lynx helmets large</td>
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<td>11-11196</td>
<td>High Visibility Visor</td>
<td>For use w/Lynx helmets standard</td>
<td>$202.95</td>
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<td>11-05364</td>
<td>Leather Helmet</td>
<td>Soft leather helmet for headset. L</td>
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<td>11-05347</td>
<td>Headset Coup. Adap.</td>
<td>Connects two headsets together</td>
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<td>11-05348</td>
<td>Headset Switch Adap.</td>
<td>Switch-on a single headset.</td>
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<td>11-05349</td>
<td>Dual Charger</td>
<td>Wall charger headsets.</td>
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<td>Visor Extension</td>
<td>Wind deflector chin guard for visor.</td>
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<td>Helmet Bag</td>
<td>Cloth bag for a helmet and visor.</td>
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<td>Helmet Bag</td>
<td>Cloth bag to protect a headset.</td>
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<td>Headset Exten. Lead</td>
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<td>Panel Exten. Lead</td>
<td>Extension lead with panel socket.</td>
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<td>Headset Panel Adapter</td>
<td>Converts lead socket into panel.</td>
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<td>Headset Lead Splitter</td>
<td>Used to connect several headsets together.</td>
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<td>11-05365</td>
<td>Helmet Goggles</td>
<td>For use with either type of helmet.</td>
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<td>11-07092</td>
<td>Radio Splitter + Coiled Radio Lead</td>
<td>Connects in-line with a headset and provides connections for an additional device.</td>
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<td>Coiled Radio Leads</td>
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<td>Straight Radio Leads</td>
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<td>Audio Output Lead</td>
<td>Connecting professional recording equipment to the Micro System</td>
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*See Website for other colors

HELMET SIZES:

To obtain the correct size of helmet, use a tape measure to measure the circumference of your head just above the ears.

Small: 55-57cm (22")  |   Medium: 57-59cm (23")  |   Large: 59-61cm (23.5")  |   Extra Large: 61-63cm. (24.5")

MICROSYSTEM ACCESSORIES

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<td>Twin Jack Adapter</td>
<td>Converts the headset to twin jack plugs.</td>
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<td>Audio Adapter</td>
<td>Connects a Walkman or mobile telephone.</td>
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<td>Radio Adapter *</td>
<td>Connects one headset to a radio.</td>
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<td>11-05371</td>
<td>Radio Interface unit *</td>
<td>Connects one or two headsets to a radio.</td>
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<td>11-05372</td>
<td>Radio/Power Interface unit</td>
<td>Powers two headsets and a radio. For Type B connections only and these radios: ICOM A3, A22, A6, A24 and ICAS, A23 with the CT-44 adapter. Vertex Standard VXA-100, 120, 150, 200, 210 with the CT-44 adapter. All other radios will require special order.</td>
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<td>Velcro Mount PTT Switch</td>
<td>Velcro fixing PTT Switch.</td>
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<td>Screw Mount PTT Switch</td>
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<td>Two Metre extension lead for PTT Switch.</td>
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<td>PTT Connector and Lead</td>
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<td>Connects a Walkman to an Audio Adapter or Power Interface.</td>
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<td>Power Supply Lead</td>
<td>Connects aircraft battery to Power Interface.</td>
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<td>Power Supply Filter</td>
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<td>Large Power Filter</td>
<td>Used with very noisy power supply.</td>
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<td>Radio Power Filter</td>
<td>Used to prevent feed-back with Icom A2/A20 Radios.</td>
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<td>Used to connect Icom A6/A24 radios to a Power Interface.</td>
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<td>VHF Antenna -Short Flexible</td>
<td>Antenna for use with airband radios.</td>
<td>$101.75</td>
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<td>11-05385</td>
<td>VHF Antenna -1/4 Wave Whip</td>
<td>Antenna for use with airband radios.</td>
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<td>11-05386</td>
<td>Antenna Extension Lead</td>
<td>Five metre extension for antenna.</td>
<td>$62.75</td>
</tr>
<tr>
<td>11-05387</td>
<td>Adapter LA-25</td>
<td>Used to connect Cobra FRS and GMRS radios.</td>
<td>$105.85</td>
</tr>
<tr>
<td>11-05388</td>
<td>Adapter LA-30</td>
<td>Used to connect Yaesu VXA 100 radios.</td>
<td>$105.85</td>
</tr>
<tr>
<td>11-05392</td>
<td>Adapter CT-96</td>
<td>Used to connect Yaesu VXA 300/700 radios.</td>
<td>$56.75</td>
</tr>
</tbody>
</table>

*Please specify the make and model that will be used with this product.
LYNX PILOT SYSTEM

The Pilot System is a range of headsets and helmets for use in light aircraft and helicopters. The main advantage of these products are that they provide an integrated headset and helmet system for use in aircraft which have standard twin jack intercom equipment already installed.

Headset Colors: Black, White, Grey, Red, Pink, Blue, Yellow or Green

<table>
<thead>
<tr>
<th>Part No.</th>
<th>System Equipment</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>11-05394</td>
<td>Pilot System</td>
<td>Headset + Lead</td>
<td>$418.00</td>
</tr>
<tr>
<td>11-05395</td>
<td>Twin Jack Headset Lead</td>
<td>Interchangeable lead for Pilot headset</td>
<td>$86.80</td>
</tr>
<tr>
<td>11-05396</td>
<td>US NATO Headset Lead</td>
<td>Interchangeable lead for Pilot headset</td>
<td>$118.95</td>
</tr>
<tr>
<td>11-05397</td>
<td>UK NATO (Euro) Headset Lead</td>
<td>Interchangeable lead for Pilot headset.</td>
<td>$74.75</td>
</tr>
</tbody>
</table>

Note: Pilot System uses the same helmet, helmet visor, visor extension, leather helmet, helmet goggles, helmet bag, headset bag, and double helmet bag as the Micro System. Order part numbers as shown for Micro System Components.

LYNX PILOT SYSTEM HTC AUTOGYRO HEADSET LEAD

Lynx Pilot System headsets and integral helmets are filled with interchangeable leads which allow the headsets to be used in different aircraft by simply changing the lead. The HTC Autogyro Lead allows the headset to connect to the six pin intercom systems installed in some Autogiros. The in-line connector also allows the lead to separate in an accident and is in compliance with UK Civil Aviation Authority safety recommendations (AIC 312002).

Features:
- For use with HTC intercom systems
- Water resistant in-line connector
- Complies with CAA AIC 3/2002

P/N 11-14795 ........... $84.75

LYNX G3 PNR MICRO SYSTEM HEADSET

The G3 headset is the latest Passive Noise Attenuation (PNR) version of the Micro System headset. A fifty percent increase in available headset volume and immunity to aircraft transponder and mobile telephone interference. Digital power management which protects the battery. A switch is also provided on the headset to disable the battery if the headset is only used with a Powered Radio Interface and the battery function is not required.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Headset Package</td>
<td>11-12178</td>
<td>$543.00</td>
</tr>
<tr>
<td>Dual Headset Package</td>
<td>11-12180</td>
<td>$1,485.00</td>
</tr>
<tr>
<td>Single Headset Helmet Package</td>
<td>11-12181</td>
<td>$1,251.00</td>
</tr>
<tr>
<td>Add On Headset Helmet Package</td>
<td>11-12182</td>
<td>$1,135.00</td>
</tr>
<tr>
<td>Dual Headset Helmet Package</td>
<td>11-12183</td>
<td>$2,386.00</td>
</tr>
</tbody>
</table>

LYNX MICRO PILOT SYSTEMS IPHONE LEAD

The Mobile Telephone Lead (iPhone) allows Apple portable telephones to be connected to Lynx equipment. The lead also works with telephones from other manufacturers ......................... P/N 11-14796 ........... $32.55

LYNX MICRO PILOT SYSTEMS NOKIA LEAD

The Mobile Telephone Lead (Nokia) allows Nokia portable telephones which have a 2.5mm hands-free socket to be connected to Lynx equipment ........................................ P/N 11-14797 ........... $66.75

LYNX MICRO PILOT SYSTEMS SONY LEAD

The Mobile Telephone Lead (Sony) allows Sony portable telephones to be connected to Lynx equipment. The lead also works with telephones from other manufacturers ......................... P/N 11-14798 ........... $31.00

LYNX ACCESSORIES

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Spare Parts</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>11-05403</td>
<td>Ear Seals Type 1</td>
<td>Foam (Two)</td>
<td>$38.55</td>
</tr>
<tr>
<td>11-05404</td>
<td>Ear Seals Type 2</td>
<td>Gel (Two)</td>
<td>$38.50</td>
</tr>
<tr>
<td>11-05405</td>
<td>Microphone Wind</td>
<td>Shield Large (37mm Ø)</td>
<td>$8.95</td>
</tr>
<tr>
<td></td>
<td>Microphone Wind</td>
<td>Shield Small (25mm Ø)</td>
<td>$9.50</td>
</tr>
</tbody>
</table>

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Prices Subject to Change Without Notice - Valid as of June 1, 2023.
LEATHER FLYING HELMETS

MODEL 711
GOATSKIN / COTTON LINING HELMET
Black (Small)................. P/N 11-10505-S........ $95.00
Black (Medium)............ P/N 11-10505-M........ $95.00
Black (Large)............. P/N 11-10505-L........ $95.00
Black (X-Large)......... P/N 11-10505-XL...... $95.00
Brown (Small)............. P/N 11-10510-S........ $105.00
Brown (Medium)......... P/N 11-10510-M....... $105.00
Brown (Large).......... P/N 11-10510-L....... $105.00
Brown (X-Large)....... P/N 11-10510-XL..... $105.00

MODEL 711K
COTTON KHAKI HELMET FOR DAVID CLARK HEADSETS
Brown with Leather Ear Cut-Outs
Small......................... P/N 11-10525-S........ $79.00
Medium...................... P/N 11-10525-M....... $79.00
Large......................... P/N 11-10525-L...... $79.00

MODEL 711L
GOATSKIN / FLEECE LINED FOR DAVID CLARK HEADSETS
Black (Small)............. P/N 11-10515-S...... $105.00
Black (Medium)......... P/N 11-10515-M...... $105.00
Black (Large).......... P/N 11-10515-L....... $105.00
Black (X-Large)....... P/N 11-10515-XL..... $105.00
Brown (Small).......... P/N 11-10520-S....... $105.00
Brown (Medium)...... P/N 11-10520-M...... $105.00
Brown (Large)........ P/N 11-10520-L....... $105.00
Brown (X-Large)..... P/N 11-10520-XL..... $105.00

MODEL 711M
MESH / UNLINED WITH LEATHER TRIM
Small......................... P/N 11-10555-S........ $82.75
Medium...................... P/N 11-10555-M....... $82.75
Large......................... P/N 11-10555-L...... $82.75
X-Large..................... P/N 11-10555-XL..... $82.75

MODEL 712
GOATSKIN / COTTON LINING
Black (Small)............ P/N 11-10530-S...... $73.00
Black (Medium)......... P/N 11-10530-M...... $73.00
Black (Large).......... P/N 11-10530-L....... $73.00
Black (X-Large)....... P/N 11-10530-XL..... $73.00
Brown (Small).......... P/N 11-10535-S....... $73.00
Brown (Medium)..... P/N 11-10535-M...... $73.00
Brown (Large)........ P/N 11-10535-L....... $73.00
Brown (X-Large)..... P/N 11-10535-XL..... $73.00

MODEL 712C
TRADITIONAL COTTON KHAKI FLYING HELMET
Black (Small).......... P/N 11-10500-S....... $59.75
Black (Medium)....... P/N 11-10500-M...... $59.75
Black (Large)........ P/N 11-10500-L....... $59.75
X-Large................. P/N 11-10500-XL..... $59.75

MODEL 712L
GOATSKIN / FLEECE LINING FLYING HELMET
Black (Small)............ P/N 11-10540-S...... $73.00
Black (Medium)......... P/N 11-10540-M...... $73.00
Black (Large).......... P/N 11-10540-L....... $73.00
Black (X-Large)....... P/N 11-10540-XL..... $73.00
Brown (Small)......... P/N 11-10545-S....... $73.00
Brown (Medium)..... P/N 11-10545-M...... $73.00
Brown (Large)........ P/N 11-10545-L....... $73.00
Brown (X-Large)..... P/N 11-10545-XL..... $73.00

Note: Specify size by completing part no. with -S, -M, -L, or -XL for XL Small (19”-20”) Med.(21”-22”) Large(23”-24”) XL(25”-26”)

MIC/BOOM KITS FOR AVIATION HELMETS
Now available for aviation helmets the David Clark patented combination flex/boom adapter with foam for easy, perfect microphone positioning. Each kit is complete with attachment assembly, microphone & cover, and boom with 16” cord for installation.

M-7A mic and flex/boom ass’y Kit for Aviation headsets (High impedance / Civilian radio systems. Model 40688G-24.... P/N 11-00866........ $121.75

PUSH-TO-TALK SWITCHES

ECONOMY PUSH-TALK SWITCH
Similar to PT-300, this top quality switch is offered at considerable savings. Features gold contacts for durability.
Fully guaranteed............... P/N 11-12100........ $22.95

PTT-400 PORTABLE PUSH-TALK SWITCH
Designed so that the pilot may push downward to invoke the radio transmit function, instead of the traditional "sideways activation" of typical strap-on PTTs. Secures to the top of the vertical handle of the control yoke with provided velcro tape. House at the top of a thin, 1/2” dia. cylindrical enclosure, the soft-touch red push button is rated for 50,000 failure-free operations. 5ft. coiled cable terminates with standard plug & jack. Fast and easy plug-in installation, in virtually any aircraft.
P/N 11-02072........ $46.85

PILOT USA PUSH TO TALK FOR YAESU HANDHELD RADIOS
Allows the user to transmit to ATC when the red button is engaged. Can be used with or without an intercom..................... P/N 11-19322........ $38.75

NAV-DATA PUSH-TALK SWITCH
Push-to-talk switch with heavy duty construction and dual internal contacts. Included strap to attaches to most yoke controls......... P/N 13-06089........ $31.75

MICROPHONES

TELEX 66T TRANSISTORIZED MICROPHONE
Dynamic, noise-cancelling, hand-held mic. Built-in amplifier is adjustable for full transmitter output. Meets specifications for aircraft and mobile applications. Impedance 50-600 Ω. Weight 9oz. Complete with 5’ coiled cord and hanger bracket. Also available with right-angle plug - specify model 66TRA.
P/N 66T........ $177.75
Right angle plug.......... P/N 66TRA........ $184.00

TELEX 100TRA DYNAMIC MICROPHONE
Dynamic, noise-cancelling, amplified, hand-held microphone. Push-to-talk switch is in front. Handsome beige and black with walnut grain trim. Impedance 50-600Ω. Weight 9 oz. Includes 5ft. coiled cord with right-angle plug and hanger bracket.
P/N 100TRA........ $149.90

TELEX 38T ELECTRET MICROPHONE
A state-of-the-art high quality noise cancelling microphone designed as a direct replacement for the RS-38 series microphones. Hanger bracket not included................. P/N 38T........ $173.85

TELEX 500 ELECTRET MICROPHONE
Amplified hand-held electret mike features outstanding noise cancellation. Impedance 50-600 Ω (ohms). Weight 6.5oz. Complete with 5ft. coiled cord, plug and hanger bracket............... P/N 500T........ $208.95

DAVID CLARK M-1/DC AMPLIFIED DYNAMIC HEADSET MIC
The M-1/DC Amplified Dynamic headset microphone is a noise cancelling type designed to operate in place of carbon and amplified dynamic microphones.............. P/N 11-09230........ $81.75

DAVID CLARK M-1A AMPLIFIED DYNAMIC HEADSET MIC
The M-1A Amplified Dynamic headset microphone is a noise cancelling type designed to operate in place of carbon and amplified dynamic mics.
P/N 11-09225........ $76.75

HEADSET MICROPHONE A1060 BLACK
Proper shielding improves noise immunity in aircraft with heated windshields, power inverters, and other sources of electrical noise. Fits all C40 Model Headsets (David Clark, Sportcomm, Telex, etc.).
A1060 fits all C40 Models............. P/N 11-04838........ $28.75
Microphone windscreen covers all headsets........ P/N 11-04840........ $3.35

CALL FOR SPECIAL PRICES!

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Prices Subject to Change Without Notice - Valid as of June 1, 2023.
## DAVID CLARK HEADSET ACCESSORIES

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comfort covers – David Clark Style (sold as a pair)</td>
<td>11-04793</td>
<td>$9.50</td>
</tr>
<tr>
<td>Mic Muff - Protects mic on all David Clark and standard size headset mics. This is not a foam muff.</td>
<td>11-04788</td>
<td>$5.35</td>
</tr>
<tr>
<td>Gel Ear Seals - Provide optimum comfort and fit all David Clark Headsets.</td>
<td>11-04820</td>
<td>$24.50</td>
</tr>
<tr>
<td>David Clark H10 Comfort Gel Undercut Ear Seals</td>
<td>11-01782</td>
<td>$25.50</td>
</tr>
<tr>
<td>Foam-Filled Ear Cushions - Soft and durable covers with an all polyurethane core. Fits all David Clark headsets.</td>
<td>11-04787</td>
<td>$8.95</td>
</tr>
<tr>
<td>Foam Headband - A light, foam filled headband which snaps on all David Clark Headsets for great comfort.</td>
<td>11-04791</td>
<td>$34.95</td>
</tr>
<tr>
<td>H20-10 Gel Ear Seals</td>
<td>11-01828</td>
<td>$55.75</td>
</tr>
<tr>
<td>Headset Bag - Nylon Carry bag, Black on Black.</td>
<td>11-00642</td>
<td>$22.50</td>
</tr>
<tr>
<td>DC M-4 Mic Muff</td>
<td>11-04819</td>
<td>$3.95</td>
</tr>
<tr>
<td>DC Mic Muff - Fits standard electret mic. Foam mic muff w/O-ring.</td>
<td>11-09201</td>
<td>$3.95</td>
</tr>
<tr>
<td>Pro X Ear Seals</td>
<td>11-12457</td>
<td>$29.50</td>
</tr>
<tr>
<td>Mic Muff M-7 - Designed to operate in place of carbon and amplified dynamic microphones. It will not operate in circuits that do not supply a DC bias voltage.</td>
<td>11-08282</td>
<td>$55.75</td>
</tr>
<tr>
<td>Low-Hi Impedance Adapter</td>
<td>11-08283</td>
<td>$179.75</td>
</tr>
<tr>
<td>Stop Gap - These eyeglass adapters place a soft coupler between the side of the head and the ear seal to prevent any noise leak and assure a comfortable fit.</td>
<td>11-04785</td>
<td>$5.25</td>
</tr>
<tr>
<td>X11 Microphone</td>
<td>11-09263</td>
<td>$41.50</td>
</tr>
<tr>
<td>40998G-05 ADAPTER CORD - Designed for wiring into existing avionics built-in intercoms, radios, etc.</td>
<td>11-05542</td>
<td>$79.75</td>
</tr>
<tr>
<td>40998G-03 ADAPTER CORD - Optional adapter cord allowing use of the X11P in aircraft already equipped with David Clark ENC “XP” Series panel mount module.</td>
<td>11-05548</td>
<td>$103.75</td>
</tr>
<tr>
<td>Head Pad Cover</td>
<td>11-04792</td>
<td>$9.50</td>
</tr>
<tr>
<td>Boom Guide Kit Standard Mount</td>
<td>11-12490</td>
<td>$8.50</td>
</tr>
<tr>
<td>Dome Filter</td>
<td>11-12493</td>
<td>$3.25</td>
</tr>
<tr>
<td>Filter</td>
<td>11-12496</td>
<td>$3.25</td>
</tr>
<tr>
<td>Sheepskin Headpad</td>
<td>11-12497</td>
<td>$33.75</td>
</tr>
<tr>
<td>10A/10AS Hearing Protection</td>
<td>11-12480</td>
<td>$41.75</td>
</tr>
</tbody>
</table>

### DLX LYNX BOSE LEMO HEADSET CONVERTER

This Lynx Avionics Headset Converter is for use with Bose or Lightspeed headsets fitted with Lemo panel connectors. The Headset Converter (Bose Lemo) is backwards compatible with all Lynx products and allows Bose or Lightspeed headsets to connect to the Lynx intercom systems installed in many aircraft.

P/N 11-13799 .................. $296.95

### 3.5MM MUSIC PLAYBACK CABLE FOR DUAL GA HEADSET

Connects any 1/8” (3.5mm) stereo music device (iPod, iPhone, MP3 player, CD player, Garmin with XM radio, etc.) directly between the intercom and your GA (dual plug) headset.

P/N 11-13678 ............... $35.95

### DAVID CLARK HEADSET HANGER

The 43200G-01 Headset Hanger is the perfect NFPA-compliant headset restraint for fire apparatus, EMS, and rescue vehicles. Manufactured from heavy duty, transportation-grade rubber, it is not affected by hot of cold temperatures, UV rays or corrosive marine environments. An integrated quick-release strap completes this unique, simple and effective solution for any style David Clark noise-attenuating headset.

P/N 11-13518 ............... $8.50
HEADSET ADAPTERS

PILOT USA SMARTPHONE DIGITAL AUDIO ADAPTER
Turn your Smartphone or Tablet (iPhone, iPad, Android, Windows Phone, etc.) into a Cockpit Voice Recorder! You’ll be able to record audio through your aviation headset. Your Smartphone will be able to record all transmissions through the Intercom systems including in-cabin and ATC transmissions. Great for CFIs and Students to review radio communication skills after the flight!
P/N 11-10531 .......... $64.75

ANR HEADSET RETROFIT KIT
The ANR Adapter is a product that will transform a current aviation headset into a high-tech active noise reduction unit. The ANR Adapter comes as a kit and includes a pair of inserts that fit more than 20 different headset models. Installation requires fitting the inserts, drilling a small hole in one earcup for the power receptacle, and soldering the original cable leads to the kit replacement parts. (uses two 9-volt batteries). IMPORTANT: It is mandatory that you use "silicone gel" type earseals. The original earseals (dry or liquid filled) are not as airtight as gel seals, and in addition do not dampen sound and vibration as effectively. The result is that the ANR units will greatly underperform (20-50%) and will be more likely to malfunction.
David Clark type ............................................. P/N 11-11955 .......... $239.95

AMP CABLE (AUDIO+MIC+POWER)
A standard ANR upgrade kit comes with a 6’ long add-on power cable which tie-wraps to your original audio cable, and it requires that you drill a 1/4” hole in the left earcup (next to where the main cable enters the cup). The AMP cable replaces your original cable and has the DC power wires, audio wires and mic wires all in 1 cable. The result is more esthetically pleasing and no additional hole is required in the left earcup. P/N 11-03012 .......... $37.80

LYNX AVIONICS HEADSET CONVERTERS
- Connects twin jack headset or helmet
- Works with speakers from 8 to 800 Ohms
- Accepts dynamic, electret or carbon microphones
- ANR power to microphone jack tip
- Headset volume control
- Maintains selective PTT operation and muting
- Water resistant bayonet locking connector
- Supplied with fixing kit
Lynx Twin Jack Headset Converter ............. P/N 11-09306 .......... $211.95
Lynx Single Jack Headset Converter .......... P/N 11-09307 .......... $212.95
Lynx US NATO Jack Headset Converter ....... P/N 11-09308 .......... $211.95
Lynx UK NATO Jack Headset Converter ...... P/N 11-09309 .......... $211.95

LEATHER EAR CUPS FOR HEADSETS
The AVCOMMC deluxe leather ear seals offer any headset comfort that is unsurpassed! They fit any standard GA headset and make for a fantastic upgrade. Toss the old hard foam ones or heavy gel units and step up to hours of flying comfort. P/N 11-15033 .......... $29.55

CRAZEDPILOT LEATHERETTE EAR SEALS
Looking for a luxurious leather feel on your David Clark, CRAZEDPilot, or any other similar styled headset? The CRAZEDPilot Leatherette Ear Seals are a lovely mix of class and comfort for your David Clark, CRAZEDPilot, PilotUSA, Flightcom, and 99% of all ‘ear shell’ style airframe and helicopter headsets. Sold in Pairs.
P/N 11-14953 .......... $24.95

ANRRetrofitkit/Replacement Crossover Cable
Crossover cable replacement cable between ear cups. HA-010 4 conductor cable.
P/N 11-15415 .......... $5.35

THE MUSE PERSONAL MUSIC DEVICE
PS Engineering, Inc’s The Muse®, as simple and low cost way of interfacing your favorite entertainment device into your aviation headset. The Muse® is a miniature Personal Music Device (PMD) that allows connection of an entertainment source directly to your headset without complicated wiring or permanent installation--no rocket science here. About the size of a 9-Volt battery, The Muse® mates with stereo or mono headsets and has no effect on radio transmissions or intercom functions.
P/N 11-90045 .......... $349.95

IPOD / MP3 MUSIC ADAPTER
This adapter works with your existing intercom by pumping your music into any available mic jack, allowing it to be distributed through the intercom to everyone wearing a headset. Plug one end in the aircraft’s mic jack and the other into your media player’s headphone jack. - Compatible with ipod, iphone, mp3, CD, laptops, and most other portable media players - Music in your headset without costly upgrades - Listen to music through the aircraft’s speaker during pre-flight - Plugs into standard mic jack - Just Plug and Play! No more wearing uncomfortable in-ear headphones under your aviation headset. No need for an expensive new intercom or new headset. This will work in any intercom system with an available mic jack. Maintain the comfort and quiet you enjoy now, and add your favorite music! Also works great in many airliners.
P/N 11-07541 ............. $24.60

HEADSET AUDIO RECORDING CABLE FOR IPHONE / ANDROID
This product allows you to interface your iPhone / Android with the aircraft intercom system. Great for creating your own aerial audio recordings without excess cabin noise. Works with devices that use a 3.5mm 4 connector iPhone / Android connector. Perfect for recording ATC communications or Intercom communications with your passengers during your flight for later review. Compatible with all iPhone / Android recording apps. This cable is made from quality molded plastic, and utilizes a straight cord, allowing the cable to tuck easily into edges and out of camera view. This also prevents accidental entanglement with the cord while flying. Cable is 5.5’ long to easily reach your iPhone / Android wherever you like to keep it! Designed with the SLIM iPhone connector – unlike competitor cables, THIS cable can be used with almost any iPhone / Android case!
P/N 11-12913 .......... $389.35

PILOT 24V TO 12V CONVERTER / STEP DOWN TRANSFORMER
24v to 12v Converter / Step-down Transformer. The perfect low-cost 24v to 12v transformer for your 24 volt system aircraft. Run ANY device up to 5 AMPs total current draw. Use this in your experimental to drive a 12 Volt cigarette lighter,12v iPad, etc. Fits in the palm of your hand - it only weights 2 oz.! Rated at 60 Watts, this converter is EASY to wire - Just provide 24volts positive to the RED line, Ground both black wires, and 12 Volts will flow OUT of the YELLOW wire. Simple as that! The least expensive 24v converter on the market! .......... P/N 11-12912 .......... $23.50

MICROPHONE WINDSCREENS
P/N 11-09045 .......... $65.95

PILOT HEADSET EAR COVERS
Prevent that sweaty-sticky feeling! Great for the soft comfortable fit you want! They are perfect for loaner headsets - just add your favorite music! Also works great in many airliners.
P/N 11-05810 .......... $2.50

M-87 - Any headsets using M-87 Microphones (usually the mics in helmets such as Gentex or Gallet)

PILOT 24V TO 12V CONVERTER / STEP DOWN TRANSFORMER
24v to 12v Converter / Step-down Transformer. The perfect low-cost 24v to 12v transformer for your 24 volt system aircraft. Run ANY device up to 5 AMPs total current draw. Use this in your experimental to drive a 12 Volt cigarette lighter,12v iPad, etc. Fits in the palm of your hand - it only weights 2 oz.! Rated at 60 Watts, this converter is EASY to wire - Just provide 24volts positive to the RED line, Ground both black wires, and 12 Volts will flow OUT of the YELLOW wire. Simple as that! The least expensive 24v converter on the market! .......... P/N 11-12912 .......... $23.50

HEADSET UPGRADE KITS
For considerably less than the cost of a new headset, you can upgrade the headset you already own to improve comfort and performance. You’ll experience improved intelligibility and transmission clarity, and you’ll enjoy pain-free, cool, dry ears. Comes with: A-SoftTop® Headset Cushion, B-SoftSeal Ear Cushions, E-MicMuff® Microphone Cover.

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Prices Subject to Change Without Notice - Valid as of June 1, 2023.
HEADSET ACCESSORIES

BY OREGON AERO

Individual Oregon Aero® Upgrade components are available for the Headset & Helmet model listed.

OREGON AERO® SOFTTOP® HEADSET CUSHIONS
Eliminates top-of-head pressure. 100% plush sheepskin wool. Keeps head cool or warm. Moisture-proof, self-wicking action. Flexible leather backing. Customized mount of either rubber extrusion or nylon with hook/loop wrap.

10006 SoftTop® Headset Cushion for David Clark and David Clark Clones .............................................................. $39.95
10009 SoftTop® Headset Cushion with 2" ring for David Clark and David Clark Clones ........................................... $39.95
10020 SoftTop® Headset Cushion for Bose® Aviation Headset X™ and Bose® A20™ ................................................ $39.95
10021 SoftTop® Headset Cushion for FlightCom Denali, LightSpeed QFR, Sennheiser 100/300, Telex Air 3000,3100,3500,4000,4100,4105, ANR 150, Echelon 100/150, ANR1-D,MRB-600 .............................................................. $39.95
10017 SoftTop® Headset Cushion for Peltor 7000 series ................................. $41.50
10004 SoftTop® Headset Cushion for Telex Airman 750 ...................................................... $15.50

OREGON AERO® SOFTSKIN® EAR CUSHIONS
Conform to your head. 200-300% more volume for total comfort. Soft, washable synthetic leather cover over temperature and pressure sensitive visco-elastic foam core. Great with eye-wear or earrings. Eliminate ear pressure. Attach with flap, adhesive ring or snap-on mount depending on headset type.

20005 SoftSkin® Ear Cushions (1/8") for David Clark and David Clark Clones ................................................ $63.75
20034 SoftSkin® Ear Cushions for ANR and David Clark Clones other than X11 ........................................... $63.85
20007 SoftSkin® Ear Cushions for Bose® Aviation Headset X™ and Bose® A20™ .............................................................. $66.75
20020 SoftSkin® Ear Cushions for Peltor 7000 Series, LYNX, and Sennheiser XMEC 200/222 Headsets ......... $75.75
20002 SoftSkin® Ear Cushions (3/8") for SPH-4B™, SPH-5™ .............................................................. $64.75
20050 SoftSkin® Ear Cushions (3/4") For Plastic Ear Cups In SPH-4E™, SPH-4F™ and HGU (Sonex) Helmets ........................................... $63.85

OREGON AERO® SOFTSKIN® EAR SEAL COVERS
Keep your ears even drier and cooler and add to product life by slipping SoftSkin® Ear Seal Covers over SoftSeal® Ear Cushions. Self-wicking reduces perspiration buildup. Especially helpful in hot, humid climates. They fit loose, not tight like a drum (this is important because tight cloth covers produce pressure on the ear, causing pain).

29118 SoftSkin® Ear Seal Covers (1 1/8") for David Clark and David Clark Clones ........................................... $153.50
29034 SoftSkin® Ear Seal Covers for 3/4" SoftSkin® Ear Cushions .............................................................. $14.60

OREGON AERO® HUSHKIT® PASSIVE EAR CUP NOISE ATTENUATION KIT
• Testing shows the HushKit® Passive Ear Cup Noise Attenuation Kit is superior to the Attenuation Kit that performs better than ANR as well as most other models. It is designed to fit spring steel headbands up to 5/8" wide. Instructions are included. P/N 11-02858 .......... $13.50

92095 HushKit® Passive Ear Cup Noise Attenuation Kit for Bose® Aviation Headsets ........................................... $38.80
92056 HushKit® Passive Ear Cup Noise Attenuation Kit for David Clark H10-76 ........................................... $39.95
92050 HushKit® Passive Ear Cup Noise Attenuation Kit for HGU-56 Helmets .............................................................. $39.95
92051 HushKit® Passive Ear Cup Noise Attenuation Kit for HGU-56 Helmets (Sonex style) ........................................... $39.95

OREGON AERO® SOFTSKIN/HUSHKIT® COMBO
• An ear seal and insulation kit in one — one giant shock absorber. Replaces triangular leather earpad or upgrades plastic Ear Cup. Eliminates pain.

28734 SoftSkin/HushKit® Combo for Telex 750 and 850 (3/4") thick .............................................................. $75.75
28034 SoftSkin/HushKit® Combo for HGU Civilian Helmets (3/4") thick .............................................................. $96.99
28118 SoftSkin/HushKit® Combo for HGU Civilian Helmets (1 1/8") thick .............................................................. $96.95

HEADSET MICMUFF™ MICROPHONE COVERS
Eliminates cockpit noise from radios and intercom. Greatly improves intelligibility. MicMuff™ functions as an acoustic baffle and must be used on all headsets installed in the communications system. Adaptable to all mics, electret or dynamic. Doesn’t blow away.

Amplified Dynamic MicMuff Mic Cover ........................................... $18.50
Electret MicMuff Mic Cover .............................................................. $18.50
Military Dynamic (M-87) MicMuff Mic Cover .............................................................. $18.50
MicMuff in installed in any MicMuff for the MicMuff to be effective. The only exception is Push-to-Talk Intercom Systems.

OREGON AERO® COMPLETE HEADSET UPGRADE KITS
The Worlds Greatest Headset is the One You Already Own!® With an Oregon Aero Upgrade Kit for best results and best value, we recommend the complete Headset Upgrade Kit which includes all necessary components custom-designed for these headset types.

FOR BOSE® AVIATION HEADSET X™ & BOSE® A20™:
83006BX - Includes: SoftSkin® Ear Seal Covers, MicMuff® Microphone Cover, SoftTop® Headset Cushion, SoftSeal® Ear Cushions. P/N 11-06309 .......... $128.75

MILITARY HEADSET UPGRADE KIT FOR DAVID CLARK TYPE HEADSETS -
Electret mic: 83006E.
Dynamic Military Mic: #93060DM Includes: SoftSkin® Ear Seal Covers, MicMuff® Microphone Cover, HushKit® Passive Ear Cup Noise Attenuation Kit, SoftTop® Ear Cushions, SoftSeal® Ear Cushions P/N 11-06310 .... $164.90
David Clark H10-76 .... $165.75

J-HOOK HEADSET HANGER
The J-Hook Aviation Headset Hanger is designed to be installed on one of the tube crossmembers in the cockpit of aircraft with exposed tubing upon which to hang your headsets when not in flight. These types of aircraft include Huskies, Cubs, Citabrias, etc. Machined from 6061-T6 aluminum with stainless steel hardware for a lifetime of service. Mounts on 3/4" or 7/8" tubing.

J-Hook Headset Hanger 3/4" ................................................ $39.85
J-Hook Headset Hanger 7/8" ................................................ $39.85

HEADSET HANGER
• Hang your headset out of the way in a handy fold down bracket • Secure headset with hold down hook & loop strap • Headset Hanger - folds neatly out of the way when not in use • Strong extruded aluminum - black finish • Mount with 2 screws • Made in USA .......... P/N 11-02858 .......... $37.50

UNIVERSAL AVIATION HEADSET HANGER
Sometimes it is the simple things that provide the most utility. This inexpensive product is designed to provide a safe secure solution for aviation headsets inside the aircraft. No longer will you have to throw your expensive headset on the glare shield, or hang it on the control wheels. This easy to install device gets the headset up and out of the way so that it is easier to get in and out of the cockpit without fighting loose headsets.

Black .................................................................................. $20.70
Tan .................................................................................. $20.70
Hangar Mounting Kit .................................................................. $9.95
1" Mounting Screw .................................................................. $3.25

ANR HEADSET MOUNTS
"Magic Hand" 2-Piece Magnetic "Channel-Lock" technology to almost invisibly hold your ANR Handset exactly where you want it- even in turbulence-but comes off with a gentle tug toward you when desired. Includes access to battery compartment and other headset points.

For Bose A20 - Left .................................................................. $59.95
For Bose A20 - Right ................................................................ $59.95
For Lightspeed Zulu - Left ............................................................... $59.95
For Lightspeed Zulu - Right .............................................................. $59.95

HEADSET CUSHION
For headsets with single 5/8" wide headband springs (Aviav, David Clark, etc.) and Telex ProAir 2000E and ANR-type headsets. Eliminates top-of-the-head pressure. P/N 11-02858 .......... $13.50

ASA HEADSET HEADPAD
Soft, padded, microfiber fleece cover is a great way to increase comfort and bring new life to an old headset. The Headset Head Pad fits ASA headsets as well as most other models. It is designed to fit spring steel headbands up to 5/8" wide. Instructions are included. P/N 13-16431 .......... $16.95

LIQUID FOAM EAR SEALS
Replacement ear seals for DC40 style headsets. Great comfortable replacement ear seals with foam and liquid interior. P/N 11-02737 .......... $19.75

Prices Subject to Change Without Notice - Valid as of June 1, 2023.

WWW.AIRCRAFTSPRUCE.COM

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**PLUGS – JACKS – ADAPTERS AND EXTENSIONS**

**IPOD/MP3 ADAPTER**
This adapter can be used to connect your IPOD or MP3 player directly into your intercom system. It comes in a 5' length...

P/N 11-03510 $30.90

**BOSE A20 (6-PIN) HEADSET TO GA ADAPTER**
Model: PA-89/A20. Converts your 6-pin connector to a dual GA plug. Adapter measures approximately 21”

P/N 11-09422 $71.75

**BOSE A20 (6-PIN) HEADSET TO HELICOPTER ADAPTER**
Model: PA-89/A20. Converts your 6-pin connector to a single helicopter plug. Adapter measures approximately 21”

P/N 11-09423 $69.95

**NFLIGHTCAM HELICOPTER TO GA ADAPTER 602**

P/N 11-14809 $41.50

**NFLIGHTCAM DUAL HELICOPTER MIL ADAPTER 611**

P/N 11-14810 $76.85

**AIRCRAFT/HELICOPTER CONVERSION ADAPTERS**

**.206” JACK Y ADAPTER**
This adapter converts a headset with a single .206” plug into one with 2 (standard .206 mic & .25” phone plugs).

Length: 9” P/N 11-00682 $34.65

**.25” PLUG Y ADAPTER**
This adapter converts a headset w/ dual .206 mic & .25” phone plugs into one plug (.25”) headset. Length: 9”

P/N 11-00685 $36.50

**STANDARD (MIC/PHONE) TO HELICOPTER ADAPTER**
This adapter converts a G.A. headset that has both mic and phone plug into one that uses a helicopter (U-174U, U-93A/U or equiv.) plug. Length: 9”

P/N 11-10630 $52.75

**HELICOPTER TO STANDARD (MIC/PHONE) ADAPTER**
This adapter converts a helicopter (U-174U or U-93A/U) headset that has one plug into a G.A. headset that has both mic and phone plug. Length: 9”

P/N 11-10650 $48.50

**SPECIALTY ADAPTERS/ IMPEDANCE CONVERTERS**

**GENERAL AVIATION MUSIC PLAYER ADAPTER**
This product allows you to input a music device (IPod, MP3 player, CD player, Garmin with XM radio, etc.) directly into your GA (Dual plug) headset. This will allow music to be heard only through the individual headset it is connected to rather than through the entire intercom system.

P/N 11-00694 $36.55

**LOW TO HIGH IMPEDANCE ADAPTER**
This adapter converts a low impedance mic & military headset into higher impedance for use in general aviation aircraft.

Standard Version...

P/N 11-10645 $99.85

**CRAZED PILOT MILITARY HELICOPTER IMPEDANCE CONVERTER ADAPTER LOW (MIL) TO HI (GA) AIRCRAFT**
This adapter converts a low impedance Military headset into high impedance for use in General Aviation Civilian Helicopter.

P/N 11-16633 $68.75

**CRAZED PILOT MILITARY IMPEDANCE CONVERTER ADAPTER LOW (MIL) TO HI (GA) AIRCRAFT**
This adapter converts a low impedance Military headset into high impedance for use in general aviation Civilian fixed wing aircraft.

P/N 11-16634 $59.75

**.25” HEADSET PLUG REDUCER**
This adapter reduces a single .25” headset plug to a single .206 headset plug. 5” in length.

P/N 11-02748 $25.50

**206 MICROPHONE PLUG REDUCER**
This adapter reduces a single .206 microphone plug to a 3.5mm mini plug. 5” in length.

P/N 11-02749 $25.50
### MIC & PHONE JACK HOUSINGS

#### SINGLE HOLE BLACK ALUMINUM HOUSING
Single-hole aluminum housing for single cord headset jacks (Nexus Jack TJT-120).

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Hole Black</td>
<td>11-09989</td>
<td>$21.75</td>
</tr>
<tr>
<td>Single Hole Beige</td>
<td>11-09990</td>
<td>$25.50</td>
</tr>
<tr>
<td>Single Hole Aluminum</td>
<td>11-09991</td>
<td>$25.50</td>
</tr>
</tbody>
</table>

#### SINGLE HOLE MIC & PHONE JACK HOUSING - HOUSING
(1) hole surface mounted. For mic or phone jack. Hole diameter .375 with key. Mount with 4 small screws on outer flange.
P/N 11-10747 .............. $17.50

#### 2 HOLE SURFACE MOUNTED MIC & PHONE JACK HOUSING
Mounts flush to any flat surface. Heat-treated aluminum with a powder coat finish. Jacks not included. (See electrical section).

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface Mount, Black</td>
<td>10-01985</td>
<td>$19.75</td>
</tr>
<tr>
<td>Surface Mount, Beige</td>
<td>11-01120</td>
<td>$19.75</td>
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<tr>
<td>Surface Mount, Aluminum</td>
<td>11-01130</td>
<td>$19.75</td>
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#### TWO HOLE ALUMINUM HOUSING
Two-hole aluminum housing (no paint) for single cord headset jacks / Nexus Jack TJT-120.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum no Paint</td>
<td>11-09994</td>
<td>$22.50</td>
</tr>
<tr>
<td>Black</td>
<td>11-09992</td>
<td>$21.65</td>
</tr>
<tr>
<td>Two Hole Aluminum</td>
<td>11-09993</td>
<td>$23.95</td>
</tr>
</tbody>
</table>

#### 2 HOLE RECESSED MIC & PHONE JACK HOUSINGS
Powder coat finish. Comes with a clamp to hold housing securely in place. Jacks not included. Size: 3.0" x 3.75" x 1.0".

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recessed Mount, Black</td>
<td>11-01140</td>
<td>$25.50</td>
</tr>
<tr>
<td>Recessed Flush Mount, Beige</td>
<td>11-01150</td>
<td>$25.50</td>
</tr>
<tr>
<td>Recessed Flush Mount, Aluminum</td>
<td>11-01160</td>
<td>$23.85</td>
</tr>
</tbody>
</table>

#### 4 HOLE SURFACE MOUNTED MIC & PHONE JACK HOUSING
If panel space is scarce or you’d prefer to locate your headphone jacks in a more convenient spot, this housing is perfect. Mounts flush to any flat surface. Heat-treated aluminum with a powder coat finish. Jacks not included. (See electrical section). Housing only!

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black wrinkle finish</td>
<td>11-01195</td>
<td>$25.65</td>
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<tr>
<td>Tan wrinkle finish (Pictured)</td>
<td>11-00365</td>
<td>$25.50</td>
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<tr>
<td>Aluminum (unpainted with holes)</td>
<td>11-00366</td>
<td>$25.95</td>
</tr>
<tr>
<td>Aluminum (unpainted NO holes)</td>
<td>11-00367</td>
<td>$17.95</td>
</tr>
</tbody>
</table>

### 4 HOLE RECESSED MIC & PHONE JACK HOUSINGS - Modified to allow plugs to enter from the opposite side, being recessed they are out of the way. When jacks are plugged in they are flush with the edge of the housing. Made of aluminum, with a powder coat finish. Comes bagged with housing, clamp, mounting screw. Dims: 4.0W x 5.0L x 1.06H; Cutout req.: 3.25"W x 4.43"L

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>11-01940</td>
<td>$28.75</td>
</tr>
<tr>
<td>Aluminum (unpainted)</td>
<td>11-01941</td>
<td>$28.75</td>
</tr>
</tbody>
</table>

#### 4 HOLE NEXUS FRONT MOUNT JACK HOUSINGS
- Housing (4) hole .687 dia. surface mounted for nexus jack #TJT-120

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>11-11527</td>
<td>$28.75</td>
</tr>
<tr>
<td>Beige</td>
<td>11-11528</td>
<td>$28.75</td>
</tr>
<tr>
<td>Aluminum</td>
<td>11-11529</td>
<td>$28.75</td>
</tr>
</tbody>
</table>

### MIC / PHONE JACK MOUNTING BRACKET
Mic & Phone Jack Bracket 90 degree under the dash. Also for switches, fuses etc. A sturdy and attractive mount, sides are formed to hide wires, .063 thick heat-treated aluminum. Black wrinkle powder coat finish. Five styles to choose from for most any installation. Easily installed.

#### MIC OR PHONE JACK MOUNT 1 HOLE
- (1) Hole for either Mic or Phone Mounting Bracket Dimensions- 1.5W x 1.5H x 1.0 deep. Black wrinkle powder coat finish. .................. P/N 11-01170 .......... $14.50

#### MIC OR PHONE JACK MOUNT 2 HOLE
- (2) Hole Mic & Phone Mounting Bracket Dimensions- 2.3W x 1.5H x 1.0 deep. Black wrinkle powder coat finish P/N 11-01180 .......... $15.95

#### MIC OR PHONE JACK MOUNT VERTICAL 4 HOLE
- Bracket- (4) Vertical for Mic & Phone Mounting Bracket Dimensions- 2.3W x 2.5H x 1.0 deep. Black wrinkle powder coat finish P/N 11-01190 .......... $16.95

### MOUNTINGS FOR BOSE LEMO HOUSINGS
Metal housing available in raw Aluminum, Black or Beige. Designed to be utilized with the BOSE 6 Pin Lemo Jack #33172-0010. Can mount with (4) small screws on outer flange. Dimensions: W2.9" x L3.56" x H1.06". Weight: 22 grams. Note: Hardware not included.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface Mounted Housing 1 Hole LEMO Aluminum</td>
<td>11-16194</td>
<td>$22.00</td>
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<tr>
<td>Surface Mounted Housing 1 Hole LEMO Black</td>
<td>11-16196</td>
<td>$20.85</td>
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<tr>
<td>Surface Mounted Housing 1 Hole LEMO Beige</td>
<td>11-16197</td>
<td>$22.00</td>
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<tr>
<td>Surface Mounted Housing 2 Hole LEMO Aluminum</td>
<td>11-16202</td>
<td>$22.00</td>
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<tr>
<td>Surface Mounted Housing 2 Hole LEMO Black</td>
<td>11-16203</td>
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<tr>
<td>Surface Mounted Housing 2 Hole LEMO Beige</td>
<td>11-16204</td>
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<tr>
<td>Recessed Mounted Housing 1 Hole LEMO Aluminum</td>
<td>11-16198</td>
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<tr>
<td>Recessed Mounted Housing 1 Hole LEMO Black</td>
<td>11-16199</td>
<td>$27.95</td>
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<td>Recessed Mounted Housing 1 Hole LEMO Beige</td>
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<td>Recessed Mounted Housing 2 Hole LEMO Aluminum</td>
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<td>Recessed Mounted Housing 2 Hole LEMO Black</td>
<td>11-16205</td>
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<tr>
<td>Recessed Mounted Housing 2 Hole LEMO Beige</td>
<td>11-16210</td>
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<tr>
<td>Description</td>
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<td>Price</td>
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<tr>
<td>-------------------------------------</td>
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<tr>
<td>PA-50 Push-to-talk use with or without Intercom</td>
<td>11-07712</td>
<td>$24.75</td>
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<tr>
<td>PA-70S Headphone Extension (5ft)</td>
<td>11-06517</td>
<td>$32.95</td>
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<tr>
<td>PA-71 Microphone Extension (5ft)</td>
<td>11-10625</td>
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</tr>
<tr>
<td>PA-72S Dual Headset Adapter</td>
<td>11-06518</td>
<td>$66.85</td>
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<tr>
<td>PA-72H Dual Helicopter Headset Adapter</td>
<td>11-03562</td>
<td>$78.85</td>
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<tr>
<td>PA-73S Dual Headphone Y Adapter</td>
<td>11-06519</td>
<td>$39.90</td>
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<tr>
<td>PA-75 Helicopter to GA headset Adapter</td>
<td>11-10650</td>
<td>$48.50</td>
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<tr>
<td>PA-76 GA to Helicopter Headset Adapter</td>
<td>11-10630</td>
<td>$52.75</td>
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<tr>
<td>PA-77S Headset Extension (2 Jacks, 2 Plugs)</td>
<td>11-06520</td>
<td>$59.75</td>
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<tr>
<td>PA-77H Headset Extension (5ft)</td>
<td>11-06588</td>
<td>$68.75</td>
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<tr>
<td>PA-78 Mono Replacement Headset Cable (Chrome Plugs)</td>
<td>11-03563</td>
<td>$38.50</td>
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<tr>
<td>PA-79 Mono/Stereo Replacement Headset Cable (Chrome Plugs)</td>
<td>11-03564</td>
<td>$39.95</td>
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<tr>
<td>PA-79DNC M5S Headset Cable: For use with PA-1779, PA-1776, PA-2</td>
<td>11-06521</td>
<td>$66.75</td>
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<tr>
<td>PA-80S General Aviation Music Player Adapter</td>
<td>11-00694</td>
<td>$36.55</td>
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<tr>
<td>PA-80H Music Adapter For Helicopter / Military Headset</td>
<td>11-03565</td>
<td>$55.75</td>
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<td>PA-81 Airbus Aircraft Headset Adapter</td>
<td>11-03566</td>
<td>$53.80</td>
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<tr>
<td>PA-82 Headset Adapter for ICOM A22, A24 Transceiver</td>
<td>11-02116</td>
<td>$59.75</td>
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<tr>
<td>PA-82D Headset Adapter for ICOM A4 Transceiver</td>
<td>11-03567</td>
<td>$61.75</td>
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<td>PA-82B Bose Headset Adapter for IC-A6, A22,A24</td>
<td>11-06523</td>
<td>$109.75</td>
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<tr>
<td>PA-82H Helicopter Headset Adapter for IC-A6, A22,A24</td>
<td>11-06524</td>
<td>$77.90</td>
</tr>
<tr>
<td>PA-83 Europe NATO to US NATO Headset Adapter</td>
<td>11-06525</td>
<td>$108.75</td>
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<tr>
<td>PA-84 USA NATO to Europe NATO Headset Adapter</td>
<td>11-06526</td>
<td>$76.75</td>
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<tr>
<td>PA-85 Dual GA To Icom AG, A23 Adapter &amp; PTT Input</td>
<td>11-00618</td>
<td>$65.75</td>
</tr>
<tr>
<td>PA-82/A25 Dual GA Headset To Icom A25 Adapter</td>
<td>11-17165</td>
<td>$64.95</td>
</tr>
<tr>
<td>PA-86A Amplified Cell Phone Adapter GA (Twin Plug) Version</td>
<td>11-03566</td>
<td>$139.75</td>
</tr>
<tr>
<td>PA-86AH Amplified Cell phone Adapter - Helicopter Version</td>
<td>11-06527</td>
<td>$158.75</td>
</tr>
<tr>
<td>PA-86AB Amplified Cell phone Adapter (Panel Power) BOSE</td>
<td>11-06528</td>
<td>$213.95</td>
</tr>
<tr>
<td>PA-87 Impedance Converter Hi (GA) to low Military</td>
<td>11-06529</td>
<td>$68.75</td>
</tr>
<tr>
<td>PA-87H Impedance Converter Hi (Hel) to low Military</td>
<td>11-06530</td>
<td>$98.75</td>
</tr>
<tr>
<td>PA-88 Impedance Impedance Converter low (MIL) to Hi (GA)</td>
<td>11-10645</td>
<td>$99.85</td>
</tr>
<tr>
<td>Pilot USA PA-82A/16 Headset Adapter for ICOM A16 transceivers (OPC 2401). Twin sockets accepts standard .25” (PJ-055) and .206 (PJ-068) plugs converting to ICOM A16 right angle plug. Direct Replacement for OPC-2401</td>
<td>11-17490</td>
<td>$84.95</td>
</tr>
</tbody>
</table>

**Will not work with Garmin VIRB or VIRIN Elite**

See www.aircraftspruce.com for our Pilot USA Adapter Wizard. A quick way to find the right adapter for you!