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 sectionals, 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. Sweep 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 panels. The smartLink 851 communicates with the smartMFD 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 pressure 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. All 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**

AVIDYNE IFD440 NAVIGATOR

Avidyne's IFD440 provides a plug-n-play touchscreen FMS/GPS/NAV/COM upgrade for GNS-equipped aircraft. Easy to use, easy to install, the IFD440 features all the power and capabilities of a next-generation panel mounted navigator, while utilizing the same tray and connectors as your GNS430.

Compact and powerful, the IFD440 is an excellent choice for general aviation and helicopters with Avidyne's easy-to-use touchscreen interface and knobs and buttons when flying through turbulence. This next-generation panel-mounted navigator also makes flight planning and in-flight changes even easier because the included WiFi/Bluetooth® capabilities work seamlessly with your iPad. You'll have big glass capabilities for a fraction of the cost.
Slide-In Unit...P/N 11-19625 ....**$13,995.00**
New Install Unit with Tray ....P/N 11-19626 ....**$14,439.00**

AVIDYNE IFD540 NAVIGATOR

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 user 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.
Slide-In Unit...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 9900BX, 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.

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