



AeroVue Touch Integrated Flight Deck For OEM's

*For a limited time, get the AeroVue Touch IFD with a 33% discount off MSRP (includes a three year warranty).
This introductory price is up to 60% less than competing products.
Call us at 1.855.250.7027 for more information.*



The AeroVue Touch Integrated Flight Deck (IFD) is a versatile and powerful cockpit solution for your aircraft with state-of-the-art technology, at a fraction of the price of competing solutions (up to 60% less). Its advanced architecture and design have an impressive pedigree from Honeywell's highly successful avionics systems. The entire system is mounted in the panel, significantly reducing installation time. It also weighs only 57lbs.

This solution was designed to minimize your customers' total cost of ownership, maximize your profitability objectives, and provide all of the necessary features and capabilities for:

1. Traditional Part 23 class I, II and III aircraft, and
2. Advanced aircraft with new methods of lift and propulsion, such as vertical take off and landing (VTOL), electric and hybrid-electric aircraft.

Smart Investment

- Easy to install, easy to use
- Customizable to display your specific aircraft system parameters
- Advanced connectivity
- Aggressively priced for maximum value

AeroVue Touch Integrated Flight Deck



Includes:

1. One, two or three smart primary flight and multi-function displays, each providing a 10.1" display with near-4K resolution to give you clear flight data with crisp fonts and images that are less straining to the eye. The pilot and co-pilot's primary flight displays can be used as a full screen primary flight display or a split screen primary and multifunction display. Each display includes its own computing engine so that each display can be used independently to fly the aircraft, providing up to triple-redundancy. Two independent suites of air data, attitude and heading sensors can be configured, enabling the multi-function display to also serve as a full-screen standby attitude indicator. AeroVue Touch IFD's engine indicator displays can be fully customized to suit the unique lift and propulsion methods of your aircraft. For manufacturers of aircraft with innovative methods of lift and propulsion, this offers a tremendous advantage over having to develop a monitoring system from scratch, saving you time and cost in your development cycle.
2. State-of-the-art touchscreen flight navigation system that is easy to use with intuitive user interfaces – no nested menus, 1 or 2 touches will get the pilot to the page of interest. It is a complete GPS/Nav/Com solution with WAAS certification, offering 2280-channel capacity COM and 200-channel VOR & ILS with glideslope and localizer.
3. A high-performance autopilot that includes altitude select and preselect plus an emergency wings level button. The autopilot's touchscreen user interface simplifies VFR and IFR operations. The autopilot can follow pre-programmed flight plans or follow roll steering commands to fly more complex flight plans with the IFR GPS system.
4. Advanced connectivity features enable live streaming of all aircraft data down to a ground station. The ground dispatch center is able to monitor the aircraft remotely and make real-time decisions to aid the pilot. Wi-Fi and Bluetooth support give your customers (the pilots) access to their favorite Apps, making them an extension to the flight deck. Wi-Fi connectivity offers rapid upload of databases, locally or via the Internet (often loading in under 4 minutes).
5. Audio panel system for the entire aircraft.
6. An ADS-B In/Out 1090 Mhz transponder.

The top three benefits of the AeroVue Touch Integrated Flight are:



Simplicity

Simple to install

Each AeroVue Touch IFD display combines the processor and the display into one unit. This design removes a major step in installation by reducing the component count and the associated complex wiring harnesses. There are three touch displays with two independent sets of sensors and a backup sensor that is connected to the aircraft battery. This architecture enables the MFD to be used as a standby system and eliminates the need for dedicated standby instrumentation, further reducing component count and the associated installation time and cost.

Additionally, all components are mounted directly in the panel rather than through out the cabin. This makes it simple to install the system and easy to access for service.

Simple to use

The AeroVue Touch IFD was designed for ease-of-use with a common and familiar user interface. All three displays have identical functions, making the interaction simple and uniform. The menu structure is intuitive to minimize the pilot's learning curve. The MFD operates as a full-size backup display that provides ADI, HSI, HDG, SVS, NAV/COM and A/P modes. It is much easier to navigate when using a full-size backup display instead of a small 3" backup attitude indicator.

The touchscreen, dedicated knobs and buttons enable the pilot to access critical functions with the fewest number of keystrokes resulting in minimum amount of head-down time. Every critical function is available within two screen touches. Dedicated control knobs are also available when turbulence may make it more difficult to use a touchscreen. Both pilots who like touchscreens and those who like physical knobs and buttons will be happy.



Flexibility

Modular architecture

AeroVue Touch Integrated Flight Deck has a modular architecture that lets you configure it with one, two or three displays, and various choices in navigators, autopilots and other components. It can also be configured to use other autopilots and advanced flight control systems.

Customizable displays

The engine indicator display can be fully customized to suit the unique requirements of your aircraft. All types of aircraft are covered, whether the it has one engine or eighteen engines; traditional, hybrid-electric or all-electric propulsion; wing-borne lift, powered-lift or a combination of the two. AeroVue Touch Integrated Flight Deck comes with a toolkit that can be used by BendixKing or you to customize the display to meet your requirements.

Connected

Wi-Fi and Bluetooth enable the system to work with leading flight planning applications. It also offers rapid upload of databases and charts without needing USB memory sticks or SD cards. During flight, additional connectivity features enable live streaming of all aircraft data down to a ground station, which can be used to develop advanced connected aircraft operations.



Smart Investment

Deploying the AeroVue Touch Integrated Flight Deck is not only a good decision for your aircraft, it is also a sound investment to meet your business objectives. Outlined, below are the different areas that AeroVue Touch IFD brings value to your business:

- Highly competitive price point, which lowers your aircraft bill-of-materials cost.
- All components are panel-mounted, which reduces final assembly time for your aircraft by about three to four weeks.
- Customizability of the displays reduces your development cycle.
- Architectural modularity enables you to upgrade the system over time with minimal intrusiveness and risk of obsolescence. Future mandates are also easy to address.
- Lower warranty costs, as the system has significantly less components and none of them have any mechanical moving parts, and, also, because servicing is easy as nearly everything is accessible from the instrument panel.

Find Out More

To learn more, call 1.855.250.7027,
contact your local BendixKing dealer or visit
www.bendixking.com/en/sales-team

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