

InSight™

DISPLAY SYSTEM



UNIVERSAL™ AVIONICS
an Elbit Systems Company



InSight™ Flight Display System


Integrated Glass Cockpit for Business Jets


Ditch bulky, outdated avionics and unlock a world of enhanced safety, efficiency, and situational awareness. Transform your flight experience with the InSight™ Flight Display System – the ideal modification for your business jet to maximize operations and get the most out of your aircraft. Reach peak performance and fly in style, all with the peace of mind that you're equipped for what's next.

Power Up your New Flight Deck


The same plane you know and love, but with a modernized glass cockpit to bring it up to speed with tomorrow's capabilities – it's like flying a new aircraft!


This retrofit and forward-fit solution is integrated for simplicity and flexibility, allowing for system integration with new platforms, airframe upgrades, and future customizations. Connect with the Universal FMS and Data Comm to meet NextGen certifications and mandates.


 Boost Efficiency

 Reduce Emissions

 Enhance Safety

 Save Time

 Beat Obsolescence

 Increase Value

"The InSight Display System has brought our aircraft well into the 21st Century with its crisp, professional displays and real-world imagery. The system is truly a 'pilot's panel', it's very customizable and perfectly balanced between practicality and functionality."

- Brian Barber, Chief Pilot



The InSight Difference



Lightweight and Efficient

Shed excess pounds with InSight's sleek design and high performance. Less weight translates to improved fuel efficiency and increased payload capacity, maximizing your investment.



Unmatched Situational Awareness

Immerse yourself in a cutting-edge 3D Synthetic Vision System (SVS) that paints a crystal-clear picture of your surroundings to confidently navigate challenging conditions. Weather, terrain, obstacles – InSight anticipates it all, keeping you one step ahead.



Sleek and Streamlined

Say goodbye to a cluttered panel. InSight consolidates information onto the industry's brightest, high-resolution displays for the pilot and co-pilot, streamlining workflows and boosting decision-making speed.



Future-Proof Technology

Stay ahead of the curve with a flexible architecture and continued evolution to support emerging products. The InSight system, unlike its aging counterparts, is built to grow alongside your needs.



Chicago Jet Group

Falcon 900B

- 4-display InSight upgrade
- 250+ lbs. additional payload
- Installation flexibility – replace legacy avionics (Honeywell)
- Multiple upgrade options (Universal wFMS or OEM FMS)
- Capabilities for FANS 1/A+, CPDLC, and ATN B1
- Minimize downtime with phased installation





Hawker 800/A/B/XP/1000

- 3-display InSight upgrade
- 250+ lbs. additional payload
- Installation flexibility - replace legacy avionics (Honeywell or Collins)
- KAPTURE CVR with Independent Power Supply (RIPS)
- Dual Universal FMS (UNS-1Fw) with LPV
- Capabilities for FANS 1/A+, CPDLC, and ATN B1



Southeast Aerospace



Trimec Aviation

Falcon 2000/EX

- 4-display InSight upgrade
- 80+ lbs. additional payload
- Replaces obsolete equipment to resolve maintenance challenges
- KAPTURE CVR with Independent Power Supply (RIPS)
- Capabilities for FANS 1/A+, CPDLC, and ATN B1





Falcon 50

- 4-display InSight upgrade
- Up to 130 lbs. additional payload
- Dual Universal FMS (UNS-1Fw) with LPV
- Capabilities for FANS 1/A+, CPDLC, and ATN B1
- KAPTURE CVR with Independent Power Supply (RIPS)



Mid-Canada Mod Center



Universal Avionics

Citation VII

- 4-display InSight upgrade
- Control and interface with radio systems (Honeywell or Collins)
- KAPTURE CVR with RIPS
- Capabilities for LPV and ADS-B Out
- Includes Engine Indication

Gulfstream GIII

- 4-display InSight upgrade
- NextGen Universal FMS
- Capabilities for FANS 1/A+, CPDLC, and ATN B1
- KAPTURE CVR with RIPS



Universal Avionics



AVMATS

Falcon 20

- 3-display InSight upgrade
- 3D SVS, interactive digital maps, and embedded electronic charts
- Touchscreen and Cursor controls
- Capabilities for FANS 1/A+, CPDLC, and ATN B1
- KAPTURE CVR with RIPS

DHC-515 Special Missions

- Proven solution for special missions and aerial firefighting
- Reliable and resilient hardware that is built to last
- Forward Fit on De Havilland's newest waterbomber (DHC-515)
- Retrofit on previous-generation waterbombers (CL-215/CL-415)



De Havilland Canada

Modern, Intuitive & Customizable



Primary and Multi-Function Display

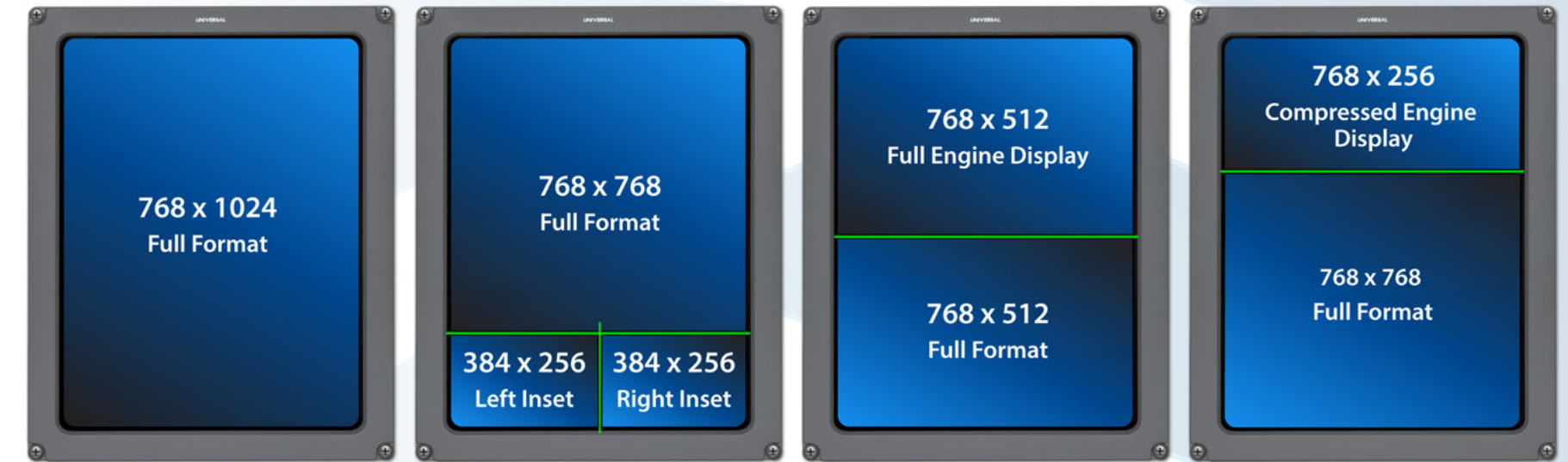
The centerpiece of the InSight system is the high-resolution, LED-backlit EFI-1040 Display which serves as the Primary Flight Display (PFD) and Multi-Function Display (MFD).

The PFD presents all required flight-critical data including SVS and safety sensors. The MFD presents navigational map data, including the FMS flight plan and pilot-selectable map layers.



User Control & Input

Take centralized control to the next level, combining interactions for flight displays, FMS, radios, weather, traffic, and terrain in a unified interface – the ECDU. Pilots have vital information at their fingertips with intuitive touchscreen and cursor controls.



Pilot-Selectable Screen Layouts

An intuitive design puts vital information at your fingertips, while customizable layouts cater to your unique preferences.

Several display formats are available on the Primary Flight Display and Multi-Function Display. Configure a power-on default option and save settings for pilot preferences.

Create and edit configurations to fit the needs of your operations. Use full formats for maximum visibility, enable multiple views with left and right insets, and take advantage of engine display options. Layouts can be set in advance or fine-tuned during flight.

Power Up with InSight

InSight Flight Decks are meticulously crafted for discerning owners and operators like you – those who demand the best for their fleet and crew. Don't get dragged down by obsolete avionics and rising maintenance costs. Take your aircraft to new heights with InSight.

[Contact us today](#) for a free consultation to discover how you can transform your flight operations. Visit our website or contact your Universal Avionics representative for detailed specifications and aircraft compatibility details.



UNIVERSAL™ AVIONICS
an *Elbit Systems* Company

📍 3260 E. Universal Way, Tucson, AZ 85756 USA
 📞 +1 520 295 2300 / 800 321 5253
 ✉ info@universalavionics.com
 🌐 universalavionics.com

03-26-2024

