Intuitive, Yet Versatile Features

The features of the InSight system offer the ultimate in pilot-friendliness and versatility.

- Next generation SVS with cutting-edge graphics
- Embedded charts with aircraft present position
- Interactive digital maps
- Pilot-selectable screen layouts with a graphical user interface
- Full engine integration

Embedded frequency management eliminates the need for separate radio controls and discretes, and can easily be tuned from the EFIS Control Display Unit (ECDU) or the moving map display with intuitive cursor clicks. The user-friendly interface integrates with the Flight Management System (FMS).

NextGen and Beyond

By replacing older flight deck displays and controls with updated equipment designed to meet the mandates today and into the future, the InSight Display System improves safety, reduces pilot workload, and decreases maintenance and operating costs.

- FAA NextGen
- SESAR
- CPDLC / DCL
- FANS 1/A+
- ATN B1
- Data Comm
- PBN
- ADS-B Out
  (with UA SBAS-FMS and Honeywell RCZ 8XX Transponder)

The InSight Display System also allows for seamless follow-on installations of UA’s ClearVision™ Enhanced Flight Vision System (EFVS) head-up avionics suite.

Long-term Savings

As a fully integrated display system, InSight reduces the number of Line Replaceable Units (LRU) for easier installation, power savings, and reduced aircraft downtime during installation. The InSight upgrade in your Citation VII will save approximately 200 lbs. in weight which will lower operating costs of the aircraft over the long-term. To provide further value, the Universal Avionics Supplemental Type Certificate (STC) is available at no cost to Authorized Dealers and Integrators performing your installation.
STC Package Information

UA has received FAA STC for the Cessna Citation VII. The completed STC package is available now for installers.

Citation Installation Components

- 4 - EFI-1040P Displays
- 2 - EFIS Control Display Units (ECDU) (Standard or Touchscreen)
- 2 - Alphanumeric Keyboards (ANK)
- 2 - Cursor Control Panels (CCP)
- 2 - UNS-1Fw Flight Management Systems (FMS)
- 2 - Data Concentrator Units (DCU) II
- 2 - Engine Interface Units (EIU)
- 1 - UniLink™ UL-800/801 Communications Management Unit (CMU)
- 1 - Terrain Awareness Warning System (TAWS) Class A
- 1 - Reference Select Panel (RSP)
- 1 - Solid-State Data Transfer Unit (SSDTU)

The InSight Family: EFI-1040 Display, ECDU, ANK, and DCU II

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. Features I enjoy the most include the pilot-selectable screen layouts, well-displayed information, and simplified pilot interface and control of the system. After flying with other glass panels throughout the years, I truly appreciate the InSight System.

-Brian Barber, Chief Pilot (Citation VII), Aerial Companies, Inc.