

# Cessna Citation VII

## InSight Display System



Before

### Take Your Citation VII to the Next Level

Discover how the InSight Display System can take your Citation VII to the next level with advanced technology, situational awareness, overall system reliability, and safety – all while reducing overall operating cost. Intelligently designed for the Cessna Citation VII, this dramatic upgrade brings new aircraft capabilities into the aircraft you fly today. InSight ensures you are equipped for today's mandates, and prepared for those in the future.

### Proven Solution

The Citation VII is the first aircraft in which InSight has been installed, flight tested, and FAA STC'd ... and now ready to fly!

### Intuitive, yet Versatile Features

The features of the InSight system offer the ultimate in pilot-friendliness and versatility. Strategically designed as an integrated flight deck solution, InSight features embedded charts, providing critical situational awareness for pilots even while taxiing. Aircraft Present Position is overlaid on display to provide ownship awareness.

Embedded frequency management eliminates the need for separate radio controls and discrettes, 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

InSight also offers a path to meet future mandates and certifications:

- FAA NextGen
- Single European Sky ATM Research (SESAR)
- Controller-Pilot Data Link Communications (CPDLC)
- Future Air Navigation System (FANS) 1/A+
- Aeronautical Telecommunication Network Baseline 1 (ATN B1) CPDLC (Link 2000+)
- Data Comm
- Performance-Based Navigation (PBN)

In addition, you will meet Automatic Dependent Surveillance-Broadcast (ADS-B) Out compliance with the UASC SBAS-FMS and Honeywell RCZ-8XX Transponder.

### Long-term Savings

As an integrated 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

Universal Avionics has received FAA Supplemental Type Certificate (STC) for its Cessna Citation VII. The completed STC package is available for installers.

## Citation Installation Components

- 4 - EFI-1040P Displays
- 2 - EFIS Control Display Units (ECDU)
- 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 and Warning System (TAWS) Class A
- 1 - Reference Select Panel (RSP)
- 1 - Solid-State Data Transfer Unit (SSDTU)

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### STC No. ST02654LA

*Installation of InSight Display System, EIU, TAWS Class A, and UNS-1Fw SBAS FMS (with ADS-B Out function), in accordance with FAA Approved Universal Avionics Systems Corporation Master Drawing List MDL-2014-1001, revision 01, dated 22-May-2017, or later FAA Approved revision.*

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

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Specifications and graphic displays contained herein are subject to change without notice. Features and capabilities may be limited due to installation or interfacing equipment.

