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FOR IMMEDIATE RELEASE:

Columbia Avionics has obtained FAA STC certification of the Universal Avionics EFI-890R EFIS system, Vision 1 Synthetic Vision System, Application Server Unit, a pedestal extension and dual Garmin GNS-X30AW WAAS GPS/COMM/NAV Systems in Cessna Citation models 500, 501, 550, 551, S550 and 560. Columbia Avionics has previously obtained STC Certification of the same systems in the Cessna Citation 650.

The EFI-890R is a flat panel electronic display based upon Active Matrix Liquid Crystal Display (AMLCD) technology. An installation of EFI-890Rs provides for the display of all primary flight information normally associated with an Electronic Flight Instrument System (EFIS) Primary Flight Display (PFD) and Navigation Display (ND). The EFI-890R is classed as a Type I – Primary Flight and Navigation Display. The system, as installed, consists of a three-panel installation with a PFD and ND pair installed and a second, standalone PFD. The large format primary flight displays (PFD) will combine the attitude, heading, airspeed, altimeters, vertical speed, AOA, radar altimeter and navigation information on to one display. The ND will display weather information from the ship's onboard weather radar system, GPS/FMS navigation data, weather data link, JeppView approach plates, TCAS, EGPWS and other information.

The system is designed to replace either existing electro-mechanical instruments or older, less reliable EFIS systems such as the Honeywell EDZ-605 and Bendix EFIS-10 systems found in many Citations. The high reliability of the Universal Avionics flat panel results in vastly improved dispatch reliability and reduced pilot workload.

The system will also result in improved safety due to the enhanced situational awareness, digital electronics for improved accuracy and dependability, dual redundancy with reversionary display capability and the fault-tolerant built-in test.

The Universal Avionics Vision-1 System provides a 3-dimensional synthetic vision view of the terrain around the aircraft greatly enhancing situational awareness and safety.

The Universal Avionics Application server allows the EFI-890R system to display Jeppesen approach plates, electronic documents, WSI weather and checklists.

Columbia Avionics also hold a STC for RVSM group approval in all of the above aircraft models and is the only facility to hold STC's for both the Universal Avionics EFIS system and RVSM group approval.

ABOUT COLUMBIA AVIONICS:

Columbia Avionics is located in Columbia, MO and has extensive experience modifying Citation aircraft with modern avionics equipment. Columbia Avionics holds numerous STC's for Citations and other aircraft, including RVSM group approvals incorporating various air data systems, TCAS and EFIS systems. Columbia Avionics offers full avionics and airframe services, included heavy maintenance on Citations. For more information about our capabilities, please visit the company website www.columbiaavionics.com.

For more information about the Universal Avionics flat panel EFIS system, please contact Columbia Avionics at 573-874-4141 or visit www.columbiaavionics.com.