ZedaSoft® Integrates Garmin G1000 Cockpit OFP Emulator to the FAA's Advanced General Aviation Research Simulator (AGARS)

(Fort Worth, Texas –November 12, 2014) ZedaSoft, Inc., a simulation and visualization software company announces the integration of the Garmin OFP emulator (G1000) with the FAA's Advanced General Aviation Research Simulator (AGARS) running ZedaSoft's CBA® for Simulation software framework.

The Garmin (G1000) emulator runs the Garmin cockpit operational flight program (OFP) software on a single Windows computer and drives two of the three touch screens present in the FAA's AGARS reconfigurable cockpit. The OFP emulator provides a number of network sockets to simulate the various aircraft buses utilized in their system. ZedaSoft developed CBA plug-ins to simulate the Air Data Computer (ADC), Attitude Heading Reference System (AHRS) and other Garmin subsystems as they would be driven in a real aircraft. This effort also integrated the existing AGARS autopilot and control loader flight control systems with the Garmin autopilot functions.

This effort extends ZedaSoft's CBA® for Simulation framework to interface with real aircraft avionics hardware. The CBA framework was previously interfaced successfully to stimulate Cobham IDU-series cockpit hardware on Textron's Scorpion ISR/Strike prototype aircraft development.

"With this delivery to the FAA, ZedaSoft expands the reach of simulation testing into all aspects of the aircraft development lifecycle. This continues our expansion of Live, Virtual and Constructive (LVC) technologies for aircraft testing and training" says G.W. Estep, president of ZedaSoft.

About ZedaSoft
ZedaSoft develops innovative products for the simulation and visualization industry. Its customers include Lockheed Martin, Boeing, U.S. Army, U.S. Air Force and other defense, Government and commercial organizations. ZedaSoft's main goal is to strike the balance between realistic simulation and cost-effective deployed solutions utilizing modern simulation architecture. For additional information contact:

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