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ZedaSoft® Delivers Helmet Mounted Display Upgrade to USAF Test Pilot School's Avionics Familiarization Simulator

(Fort Worth, Texas – October 20, 2010) ZedaSoft® a simulation and visualization software company announced the delivery of a Helmet Mounted Display (HMD) upgrade to USAF Test Pilot School located at Edwards AFB, California.

The HMD upgrade is based on a NVIS® nVisorST™ see-through helmet mounted display design with a 40 degree vertical field of view that simulates the field of view of monocular JHMCS designs as well as new binocular design used in the joint Strike Fighter cockpit. ZedaSoft integrated this HMD with the original Intersense I-900 head tracker system and display symbology embedded in a MetaVR visual scene channel configured in NVG mode.



The simulation system is based on ZedaSoft's patented Container Based Architecture (CBA®), which enables TPS student pilots to observe the avionics capabilities of different generations of aircraft by instantaneously switching from one aircraft type to another in the same scenario. Such observations are valuable for learning workload management techniques. The simulator is one of ZedaSoft's Portable Simulator Desktop (PSD) units, and includes a 24" touch-screen virtual instrument display, hands-on-controls, four 24" monitors to view the MetaVR™ VRSG visual scene and all necessary computers housed in a single rolling case.

About ZedaSoft

ZedaSoft® develops innovative products for the simulation and visualization industry. Its customers include Lockheed Martin, Boeing, the Federal Aviation Administration, U.S. Air Force and other defense, government and commercial organizations. The main goal at ZedaSoft is to strike the balance between realistic simulation and cost-effective deployed solutions utilizing modern simulation architecture.

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The USAF does not formally endorse NVIS, MetaVR or ZedaSoft products.