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QUANTUM3D INDEPENDENCE IG SOLUTION SELECTED BY ROCKWELL COLLINS FOR U.S. NAVY TH-57C FLIGHT INSTRUMENT TRAINER (FIT) PROGRAM FOLLOW-ON PRODUCTION DEPLOYMENT

Quantum3D Independence IDX 2500 IG Solutions, Facets Realtime Models, and GeoScapeSE and NPSI Synthetic Environments Provide Ongoing High-Fidelity Support for U.S. Navy Helicopter Training Program for Operations, Search and Rescue, and Personnel Movement

COLOGNE, GERMANY, ITEC 2007–April 24, 2007– Quantum3D®, Inc., a leading provider of COTS, open-architecture, realtime visual computing solutions, today announced that Rockwell Collins has purchased three (3) additional Independence IDX 2500 IG Solutions for use in the U.S. Navy TH-57C Flight Instrument Trainer (FIT) program. Previously selected by Rockwell Collins for the program in 2004, the IDX 2500 was certified as Ready-for-Training (RFT) by the U.S. Navy as part of the Rockwell Collins Simulation and Training Solutions TH-57C FIT simulators delivered in April, 2005.

Located at Whiting Field near Pensacola, Florida, the TH-57C FIT systems are used by new U.S. Navy helicopter pilots for primary flight and instrument training. The TH-57C FIT enables U.S. Navy pilots to train in highly realistic, simulated marine and land-based flight scenarios including take-off and landing, navigation, operations, search and rescue, and personnel movement at all times of day and in all types of weather.

The IDX 2500 IG Solution provides high-fidelity “out-the-window” (OTW) and stimulated Night Vision Goggle (NVG) visuals using Quantum3D GeoScapeSE® and U.S. Navy Portable Source Initiative (NPSI) geospecific databases for the TH-57C FIT. For the TH-57C FIT program, the IDX 2500 IG Solutions are equipped with host-controllable, realistic weather, marine and rotorwash effects that enable high-fidelity training over a broad range of scenarios. The IDX 2500 marine-effects package provides 3D sea-state and ship wakes to provide realistic motion cues and indications for critical maritime training. The IDX 2500 rotorwash effects provide realistic simulation of obscuration that occurs in landing scenarios or operations over dusty terrain or water. Additionally, the TH-57C system features Quantum3D's enhanced lighting systems including IFLOLS, SGSI, HARS, PAPI and VASI, combined with Quantum3D's unique Continuous Model Scaling (CMS™) and support for Boston Dynamics™ DI-Guy® to provide precision shipboard and land-based landing training procedures with Landing Signal Officer (LSO) support. These features, coupled with Quantum3D's stimulated NVG capability which enables Navy pilots to use their actual NVG goggles during training, coupled with support for Quantum3D GeoScapeSE and NPSI databases, provide the Navy with high-fidelity simulated visuals and critical training cues for TH-57C pilots.



Realtime Screenshot of Quantum3D® IDX 2500 with GeoScapeSE™ Database and Facets® Realtime 3D Model from USN TH-57C FIT Program



**Quantum3D Independence®
IDX 2500 IG Solution**

"The TH-57C FIT is an important primary helicopter pilot training program for Chief of Naval Air Training (CNATRA) that requires uncompromising fidelity and value," said Ross Q. Smith, Quantum3D co-founder and president. "Our partnership with Rockwell Collins and the U.S. Navy to provide enduring, high-fidelity, low total-cost-of-ownership TH-57C training, as well as precision geospecific synthetic environments and support for open standards like NPSI and CIGI, contributes to a total solution for this program and future flight-training programs. Quantum3D is pleased to be an ongoing part of the TH-57C FIT team."

Quantum3D at ITEC 2007

The Quantum3D Independence Family of IG Solutions will be demonstrated at ITEC 2007 in Cologne, Germany, in the Quantum3D stand (No. 542). To arrange a demonstration, please e-mail salesinfo@quantum3d.com or call Brie Shiflett at +1 (407) 737-8800 ext. 100.

About Quantum3D

Quantum3D develops and markets COTS realtime, open-architecture IG solutions, embedded visual computing systems and subsystems, development software and support services for the Visual and Sensor Simulation and Training (VSST) and Embedded Visual Computing (EVC) markets. Quantum3D is a privately held company headquartered in San Jose, California, with development centers located in Phoenix, AZ, Huntsville, AL, and Orlando, FL. For more information about Quantum3D and the Quantum3D family of open architecture visual computing solutions, please see www.quantum3d.com.

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