

November 21, 2002

**RealSims, LLC, UCF Technology Incubator Client To Launch New Simulation Product At Defense Industry Conference Dec. 2 – 5**

**Who:** RealSims, LLC, a client of the UCF Technology Incubator  
**What:** Major new product launch at the Interactive Service Industry Training, Simulation and Education Conference in Orlando  
**When:** Dec. 2 through Dec. 5  
**Where:** Orange County Convention Center, **NAWC-TSD** Booth #736  
Joint Services Booth and Christie Booth #584

**Why:** RealSims, LLC, a client company of the UCF Technology Incubator, has developed FasTrac, a reconfigurable simulator product projected to be a major new defense industry product this year. RealSims recently won a contract to supply FasTrac to the U.S. Navy research laboratory at NAVAIR Orlando in June of this year.

**Details:** FasTrac is an aircraft and vehicle independent re-configurable simulator platform capable of emulating any rotary, fixed wing or ground vehicle thus enabling military personnel to realistically train in collaborative, interactive multi-service operations involving air, sea and land units from remote training locations. FasTrac is a general purpose cross branch training platform and can be used in conjunction with MicroSim software such as MicroSoft Flight Simulator 2002, X-Plane, or high end visualization applications such as CG2, MultiGen or Carmel Applied Technologies to realistically replicate a virtual terrain or sea state environment. FasTrac is modular, rugged, transformable and easily deployable, capable of being installed in class-room or shipboard training facilities. At the Industry Training, Simulation and Education Conference in Orlando, FasTrac will be configured as a US Navy TH57 helicopter. The TH57 is the primary rotary wing trainer used by the Navy.

**See attached News Release for more information .**

**Contact:**

Bob McGraw, RealSims, LLC, 407- 207-7437, [rmcgraw@realsims.com](mailto:rmcgraw@realsims.com)  
Carol Ann Dykes or Adam McCard, UCF Technology Incubator, 407-822-0202 or 0205  
Larry Vershel or Beth Payan, LV Communications, Inc. 407-644-4142

## **UCF Technology Incubator Client RealSims,LLC Will Launch New Simulation Product At Defense Industry Conference Dec. 2 - 5**

Orlando, Fla. --- RealSims,LLC a client company of the University of Central Florida Technology Incubator and manufacturer and integrator of simulation systems will be launching a new Reconfigurable Simulator product called FasTrac at the upcoming Interservice Industry Training, Simulation and Education Conference Dec. 2-5 at the Orange County Convention Center in Orlando Florida.

Carol Ann Dykes, associate director of the UCF Technology Incubator, said RealSims LLC plans to unveil its newest simulation technology at the conference featuring a multi channel high fidelity helicopter application in conjunction with their strategic partners Christie Digital Systems, Evans & Sutherland and Carmel Applied Technologies. This system will feature FasTrac configured as a Bell 206/TH57-helicopter trainer demonstrating high fidelity nap of the earth flight training. RealSims recently won a contract from the U.S. Navy to supply FasTrac's hardware technology to the Navy's research lab at NAVAIR Orlando. The Navy configured FasTrac as a low cost Microsim based training application using a single channel immersive dome display designed to support the FasTrac product. The Navy will have their single channel Microsim application on display at the NAWC-TSD Booth # 736 (Joint Services Booth). The multi channel system will be on display in the Christie Booth # 584.

Bob McGraw, president of RealSims, LLC, said the NAVAIR Microsim application is used to train Navy helicopter pilots to operate the aircraft in a collaborative training environment where ground, air and sea based participants train within a common Microsoft Flight Simulator 2002 based application. McGraw said Fight Simulator 2002 originally developed as a computer game but the Navy has added to it. The Microsoft Flight Sim 2002 technology adopted by the Navy was significantly enhanced to provide the ability to display and interact with other military training entities participating in the virtual simulated training exercise. The training includes: piloted aircraft using FasTrac simulators, sailors aboard ships operating combat information systems, and land based entities engaged in the joint training scenario representing a virtual battle exercise using High Level Architecture (HLA) equipment.

“We have developed what we feel is the ideal reconfigurable simulator providing total aircraft and vehicle independence using modular, interchangeable, universal plug and fly technology,” McGraw said. “Using interchangeable components, FasTrac can take on the persona of anything from a highly realistic simulation trainer for mission rehearsal using high fidelity components, to a low fidelity entry level Part Task or Procedure trainer with or without motion and/or displays. FasTrac supports virtually any aircraft or combat technology and was designed to be a cross branch reconfigurable device supporting the Army, Navy, Air Force, Marines or Homeland Security agencies at a lower cost,” he said.

The UCF Technology Incubator serves more than 30 technology companies and has helped create more than 400 jobs in laser development, photonics, simulation products, advanced materials, electronics and energy related technologies.

### **Contact:**

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