Ascension’s New Optical Tracker with Intevac’s Helmet Display Uniquely Meets Canadian Advanced Synthetic Environment (CASE) Requirements

Burlington, VT (March 13, 2012) – Ascension’s optical tracker, spotLIGHT, has been chosen for head tracking in the Canadian Department of National Defense’s CASE project. CASE is a modeling and simulation network for joint, distributed mission rehearsal, tactics training, and force development.

Mission Rehearsal Tactics Trainers (MRTT) will provide virtual training to “front and back end” aircrew of CH146 Griffon helicopters at tactical sites across the country while Rotary-Wing SAR Crew Trainers (RCT) will provide training to back end aircrew of CH149 Cormorant helicopters at the SAR training base.

The combination of Intevac’s I-Port 40 Plus HMD and spotLIGHT HTD will provide immersive training environments for both aircrew working in the aft cabins of helicopters. It will also provide training in operationally focused areas such as threat and contact identification, threat avoidance, helicopter deck landing, aerial gunning, SAR spotting, and hoisting.
Ascension’s *spotLIGHT* head tracker singularly met stringent tracking requirements of the CASE project. The *I-Port 40 Plus* HMDs show computer-generated imagery directly in front of the user’s eyes with the view instantly changing as a function of *spotLIGHT’s* sensing of head position and orientation.

“This prime contract for the *I-Port Plus* HMD is an important award for our business. It represents the continued support of our HMD technology, and will allow us to expand our product family for key training applications,” stated Bill Maffucci, general manager of Intevac Vision Systems.

“This competitive win highlights *spotLIGHT’s* ranking as a world class tracker. Its ability to precisely track large number of markers with multiple modular cameras suits it ideally for simulator applications, such as CASE,” said Jack Scully, Ascension’s vice president of new business development.

**About Ascension**
Based in Vermont, Ascension Technology Corporation is a professional 3D tracking company and a world leader in optical and magnetic tracking solutions for real-time visualization, virtual reality, medical and industrial applications. Its 3D sensors and markers track heads, hands, objects, and instruments for control, guidance, and navigation purposes. For more information, visit [www.ascension-tech.com](http://www.ascension-tech.com)

**About Intevac**
Founded in 1991, Intevac’s photonics business is a leader in the development and manufacture of cutting edge, high-sensitivity imaging products and vision systems, as well as head and helmet mounted displays (HMDs). Its prime markets are military, industrial, medical, training/simulation, and science. For more information, visit [www.intevac.com](http://www.intevac.com)

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