



Advanced Scientific Concepts' DragonEye 3D Flash LIDAR Space Camera™ Ready to Launch

Santa Barbara, CA – (August 8th, 2011) – Advanced Scientific Concepts, Inc. (ASC), the leading supplier of 3D Flash LIDAR cameras (3D FLC), proudly announces the DragonEye™ 3D Flash LIDAR Camera has moved to a Technical Readiness Level (TRL) of 8.

The lightweight, small form factor DragonEye integrated 3D FLC is now ready to launch aboard upcoming space explorations, having been designed especially for Automated Rendezvous and Docking (AR&D) and On-orbit Satellite Servicing (OSS). It was most recently tested on the STS-133 Discovery in February 2011. The Final Approach Sequence to the International Space Station (ISS) can only be viewed on ASC's website – www.asc3d.com/technology/space.htm.

Capable of capturing a full array of 128x128 independently triggered 3D range pixels per frame up to 30 frames per second in real-time, DragonEye is the first 3D FLC in space. The non-mechanical DragonEye boasts ASC's leading-edge technology advantages, including its Class I eye-safe lasers for illumination, real-time imaging without motion distortion to provide real-time input for guidance, navigation and control (GNC) systems.

“The DragonEye 3D Flash LIDAR camera opens many doors for 3D FLC in space, making both manned and unmanned AR&D possible,” said Dr. Roger Stettner, President and CEO of ASC. “We are pleased with what we've already been able to achieve with the DragonEye, and look forward to this next phase of product development which sets the stage for long term space use.”

ASC 3D FLC systems can be found in a wide range of applications, including Automotive, Defense, Surveillance, Robotics and Aviation. ASC's patented, unique technology brings tremendous value to space-based applications.

About ASC:

Founded in 1987 and based in Santa Barbara, California, Advanced Scientific Concepts, Inc. develops leading-edge 3D sensors technology and cameras. With a wide range of customers from NASA to DoD to commercial companies, ASC's proven technology and solutions provide the foundation for automated 3D applications from mobile vehicles in air, space or on the ground, to 3D videos for mapping, surveillance, games or movies. The real-time 3D video images and streams can be captured from 5cm to 5km with various fields of view. Visit www.asc3d.com for more information.

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