Advanced Scientific Concepts, Inc. (ASC) Introduces the GoldenEye 3D Flash LIDAR™ Space Camera

Santa Barbara – May 13, 2013 - ASC, the leading supplier of 3D cameras for terrestrial and space applications, proudly introduces the GoldenEye 3D camera designed specifically for a wide range of space operations.

The GoldenEye provides real-time steaming 3D range (point cloud) data capable of supporting ISS rendezvous and berthing/docking, on-orbit satellite servicing, entry, decent and landing on planets/moons/asteroids, mapping, collision avoidance and situational awareness. The robust, small, non-mechanical design tolerates shock, vibration and vacuum environments and is capable of imaging meters to kilometers. The GoldenEye can be configured for low Earth orbit or deep space operations. Available for deep space (SOLID configuration) or for near earth and moon operations (GEO3D configuration), ASC provides GoldenEye customization.

GoldenEye 3D Flash LIDAR Specifications:

- 3D Sensor Engine with 128 x 128 InGaAs APD (detector array)
- 'S' level space qualified parts; 100kRad SOLID; 25kRad GEO3D
- Range up to 3km inclusive (greater depending on laser/diffuser/lens choice)
- Height: 14.5cm; Length: 21.6cm; Width: 14cm
- Weight: 6.5 kg SOLID; 4kg GEO3D
- Laser assembly (2 to 8 mJ or more if required)
- 1570 nm or 1064nm lasers available
- 24 V DC (+/- 4V); $\leq$50W
- Range accuracy bias less than $\pm$ 10 cm; better is available

"After years of research, development and testing, ASC is pleased to offer a mature, proven technology designed specifically for space." said Dr. Roger Stettner, CEO of Advanced ASC. "We are equally fortunate to have customers such as the OSIRIS-REx program who perceived the value of the GoldenEye camera and adopted it as the basis for their solution."

ASC's GoldenEye 3D Flash LIDAR Camera will be on display at SpaceTech Expo, booth #7042, May 21st – 23rd, 2013.

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 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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