News release:

Daylight Defense Selected To Develop Ultraviolet Laser for Aircraft Survivability Equipment

San Diego, CA (July 14, 2014) – Daylight Defense, LLC, a wholly owned subsidiary of Daylight Solutions, Inc. (www.daylightsolutions.com) announced today their selection by the U.S. Army to develop next-generation high-power ultraviolet (UV) laser capability to support future Defense applications.

The award was made under the U.S. Army Small Business Innovation Research (SBIR) program, which provides high-tech U.S. businesses (with less than 500 employees) the opportunity to provide innovative research and development solutions in response to critical Army needs.

According to a recent solicitation by the U.S. Army, “the Army is interested in laser sources in the near-UV for applications such as Light Detection and Ranging (LIDAR) and other applications for helicopter survivability.” Additional applications of the technology include battlefield awareness, trace detection using LIDAR backscatter and/or bio-fluorescence, and data storage.

“We are grateful that the U.S. Government has entrusted Daylight to develop a next generation capability for future airborne military laser systems,” said Dr. Timothy Day, CEO for Daylight Solutions. “The development of compact, ruggedized UV laser modules fits well within our product roadmap to bring advanced capabilities to the warfighter.”

Daylight has leveraged their patented quantum cascade laser (QCL) technologies to create a line of military laser products that provide high-power and multi-color capabilities. The company’s modular open architecture approach enables significant reductions in cycle-time from design to deployment, minimizing costs, while simultaneously providing improvements in reliability and lifetime over existing technologies.

About Daylight Defense
Daylight Defense, LLC, a wholly owned subsidiary of Daylight Solutions, manufactures high power, multi-color laser systems for defense and homeland security applications. The company provides mid-wave (MWIR) and long-wave (LWIR) thermal laser beacons and pointers, sensors for stand-off detection of explosives and chemical agents, and high power illuminators for infrared countermeasures. Daylight is the world leader in military systems based on quantum cascade laser (QCL) technology. Daylight is partnered with Northrop Grumman Corporation for the U.S. Army’s Common Infrared Countermeasures (CIRCM) program to develop the next generation of aircraft survivability equipment to defend helicopters against man-portable air-defense systems and other heat-seeking munitions.

About Daylight Solutions
Daylight Solutions develops molecular detection and imaging systems for use in scientific research, life sciences, industrial process control, and defense applications. The company is the
world leader in mid-infrared laser based solutions, with a line of broadly tunable and fixed wavelength laser sources and sensors that utilize mid-infrared spectroscopy.  

The statements contained in this news release are not purely historical and contain forward looking information and statements. These include statements regarding the Company's expectations, intentions, or strategies regarding future matters. All forward-looking statements included in this press release are based on information available to the Company on the date released.

Contact: Eric Takeuchi  
Daylight Solutions, Inc  
858.432.7507  
etakeuchi@daylightsolutions.com