Boeing, Industry Teammates Test Short-Wave Infrared Camera on ScanEagle Unmanned Aircraft

ST. LOUIS, Aug. 06, 2008 -- The Boeing Company [NYSE: BA], Goodrich Corporation and Insitu Inc. have successfully flight-tested a ScanEagle unmanned aircraft equipped for the first time with a short-wave infrared (SWIR) camera.

The camera, built by Goodrich's Sensors Unlimited Inc. unit, enables ScanEagle operators to see objects more clearly in fog, rain or when little or no heat is radiated. During recent tests at the Fort Leonard Wood test range in Missouri, the camera recorded clear, streaming video during daytime, twilight and nighttime operations. The Boeing-led team, which integrated the camera in less than 14 weeks, plans additional flight tests later this year.

"The idea for the SWIR camera arose to meet our customers' growing maritime intelligence, surveillance and reconnaissance (ISR) needs," said Don Iverson, Boeing ScanEagle Naval Programs manager. "The SWIR camera is particularly useful when there is fog or rain and conventional electro-optical and long-wave infrared cameras are severely limited."

ScanEagle, a joint effort of Boeing and Insitu, was developed as a low-cost, long-endurance autonomous unmanned aircraft air system that can provide persistent ISR as well as flexible, rapid deployment for a variety of government and civilian applications.

Since 2004, ScanEagle has provided daily ISR solutions for operational forces around the world, including more than 100,000 combat flight hours with the U.S. Marine Expeditionary Force, U.S. Navy and Australian Defence Force in Iraq and Afghanistan. The Navy has logged more than 1,000 shipboard launches and recoveries.

Insitu, of Bingen, Wash., designs, develops and manufactures unmanned air systems for commercial and military applications. Insitu created the first unmanned aircraft to fly across the Atlantic Ocean using 1.5 gallons of fuel in 1998. Visit www.insitu.com for more information.
Goodrich Corporation's Sensors Unlimited Inc. team pioneered the design and production of SWIR cameras and systems using their expertise in indium gallium arsenide sensor technology. Sensors Unlimited is part of Goodrich's ISR Systems division. For more information, visit http://www.isr.goodrich.com.
A unit of The Boeing Company, Boeing Integrated Defense Systems is one of the world's largest space and defense businesses specializing in innovative and capabilities-driven customer solutions. Headquartered in St. Louis, Boeing Integrated Defense Systems is a $32.1 billion business with 71,000 employees worldwide.
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