



## **Proxy Aviation Systems Participates in Empire Challenge 2011**

**Gaithersburg, Md.** – June 2011 – Proxy Aviation Systems recently deployed to Camp Lejeune, NC to participate in Empire Challenge 2011, an annual joint and multinational live intelligence, surveillance and reconnaissance (ISR) interoperability demonstration sponsored by the Office of the Under Secretary of Defense, Intelligence (USD/I). Over a 12 day period, Proxy flew approximately 75 flight hours supporting the gathering and analysis of Intelligence, Surveillance & Reconnaissance (ISR) data and demonstrating the precision flight capability of the Proxy Universal Distributed Management System (UDMS).

Proxy flew two of its optionally piloted SkyRaider aircraft during the demonstration. One aircraft carried a wide area stare sensor. The second aircraft carried a high definition electro-optical / infrared turret mounted sensor. Each aircraft carried a mini-CDL capable of transmitting full motion video and sensor command and control data to the ground control station in the tactical operations center. Command and control of the two SkyRaider aircraft was across Proxy's mesh communications network. Proxy's UDMS performed impressively, with its ability to have just one operator control multiple aircraft. An operator can also control just sensors and the aircraft fly autonomously. The UDMS sensor centric approach made it easier to focus on the mission.

The payloads were utilized in cooperation with various other sensors to search for and track several land based, littoral based and dismounted targets. A variety of demonstration scenarios afforded a unique opportunity to assess and integrate ISR capabilities in an operationally relevant environment.

Proxy Aviation Systems is a pioneer in optionally piloted aircraft and multi-aircraft cooperative flight control systems. Proxy's solutions can be adapted to a wide range of existing piloted aircraft and Unmanned Aerial Vehicle (UAV) platforms and allows a single 'mission commander' to manage multiple aircraft simultaneously. Founded in 2005, Proxy Aviation is headquartered in Gaithersburg, Maryland. For more information, visit [www.proxyaviation.com](http://www.proxyaviation.com).