



Proxy Aviation Successfully Completes Trident Spectre 2010

Germantown, Md. – April 2010 – Proxy Aviation Systems deployed to Virginia Beach, VA for an exercise sponsored by Naval Special Warfare Group TWO. Over an 18 day period, Proxy flew over 90 flight hours supporting the integration and testing of a wide array of payloads and communications systems and demonstrating the precision flight capability of the Proxy Universal Distributed Management System (UDMS).

Payloads flown by Proxy during the exercise (figure 1) included an array of sensors and communications systems. The sensors included an EO/IR sensor, a Wide Area Stare sensor, a signals intelligence sensor, a communications intelligence sensor, and a cellular signals intelligence sensor. Data from each of these sensors was either recorded on the aircraft or transmitted down to Proxy's ground control station on one of the several communications systems onboard the aircraft for exploitation on the ground. The communications systems flown aboard Proxy's aircraft included a tactical communications system, a Common Data Link (CDL) system, an IP based tactical communication system, a MiniCDL, and an Airborne Relay Node.



Figure 1: Interior of Proxy's payload bay showing a payload of 5 sensors and processors, 5 communications systems, and Proxy's Virtual Pilot.

These payloads were each utilized in a variety of scenarios designed to test the limits of the technology on which each of the sensors was based. "The combination of these cutting-edge payloads, state-of-the-art communications systems and the precision flight characteristics of Proxy's UDMS could bring game changing capabilities to today's deployed warfighter," said Bob Arseneault, Proxy's Director of Operations.

About Proxy Aviation Systems, Inc.

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 allow a single 'mission commander' to manage multiple aircraft simultaneously. Founded in 2003, Proxy Aviation is headquartered in Germantown, Maryland. For more information, visit www.proxyaviation.com.