

## NEWS & INFORMATION BULLETIN

Brisbane, 10 July 2007

### **Cyber Bug-B Receives FAA's First Small Hand-Launched UAS Experimental Airworthiness Certificate**

The US Federal Aviation Administration has issued an Experimental Airworthiness Certificate (EAC) for the Cyber Bug-B Unmanned Aircraft System. The certificate is the first for a small UAS under 100lbs in the United States. To date the US Aviation Regulatory Agency has issued only twelve EAC's for UAS operations in civil airspace. The EAC allows the Cyber Bug-B system to operate within the United States National Airspace System.

Managing Director of V-TOL Aerospace Mark Xavier said, "the FAA Certification of this "best of class" mini UAS is a significant milestone for commercial UAV operations worldwide. V-TOL looks forward to supplying, supporting and operating, on a routine basis, the Cyber Bug UAS in Australia and the Oceania region.



Managing Director of V-TOL Aerospace, Mark Xavier with Cyber Bug UAS

*V-TOL Aerospace Pty Limited is the exclusive Cyber Defence Systems (CDS) sales and customer support agent in Australia and New Zealand.*

## **Cyber Bug-B UAS Receives 2007 Frost & Sullivan Award**

Each year Frost & Sullivan, a global growth consulting and market research company presents an award for Technology Innovation in a variety of regional and global markets. The award is given to companies that provide customers with a solution and/or service that provide the highest ratio of value to cost, while providing quality and innovation in design, development, and production.

The Cyber Bug-B UAS was selected for the 2007 Best Bang for Your Buck Award for Technology Innovation. 'The Cyber Bug had to compete against some of the giants in the UAV industry and is a glowing testament for the system' replied Mark Xavier, Managing Director V-TOL Aerospace.

## **US Air Force Academy Orders Cyber Bug-B UAS**

Under a US Air Force research project to increase situational awareness capability to aid the air base commander's ability to respond to security and emergency requirements on base. The US Air Force has taken delivery of a next generation Cyber Bug-B UAS together with training and support services. The first phase involves the use of the mini tactical UAS performing security and incident monitoring with real-time video feed. The second phase is to develop software to process the information and provide location and orientation data for display on base command centre computers.

## **Cyber Bug-B UAS in Counter Disaster Exercise**

St, PETERSBURG, Florida, a Cyber Bug-B next generation mini-UAS recently participated in a Counter Disaster Exercise in Florida. Funded by the US Federal Highways Administration and managed through the Florida Department of Transportation the Cyber Bug-B successfully demonstrated this class of technology as a first responder tool in emergency management applications.

The exercise comprised a Cyber Bug-B UAS flying a sortie relaying real-time video of damage to infrastructure and roads back into the Emergency Operations Centre in Tallahassee. A second phase of the exercise involved remote field operations utilising a remote satellite link from the Cyber Bug in cooperation with the Florida Air National Guard. The Cyber Bug utilised a special 1-watt transmitter. The exercise also tested new Infrared camera technology on the Cyber Bug-B UAS. Further trials are planned at a later date.

*The project was supported by the University of Central Florida, Centre for Advanced Transportation Systems and the Florida Atlantic University for Intermodal Transportation Safety and Security.*

For further information please contact: [info@v-tol.com](mailto:info@v-tol.com)