



## **Top Flight Technologies Announces New UAV Hybrid Propulsion Airborg Product at IDG Demo 2014 Fall Tech Product Conference**

***Top Flight chosen by Demo Fall 2014 as one of ten new innovative start-up companies with technology products that have global business solution impact***

**San Jose, CA – November 19, 2014** – Boston-based Top Flight Technologies, Inc. ([www.tflighttech.com](http://www.tflighttech.com)), an innovative provider of industrial grade UAV hardware and autopilot control products for commercial markets, shared with the attendees at the IDG Demo 2014 Fall Tech Product Conference the Company's first multi-rotor UAV product with Top Flight's Hybrid Propulsion Engine™ and capable of over 2+ hours of flight time, 100 mile range, flying autonomously, all on a single gallon of gasoline.

Top Flight's Airborg Hybrid UAV was chosen as one of ten products that are market-changers to be featured at Demo 2014's Fall Tech Product Conference, by Neal Silverman, Senior Vice President & General Manager, Demo, and Erick Schonfeld, Executive Director, Demo.

"After traveling the country and vetting hundreds of companies on our DEMO Tour, we are excited to bring Top Flight Technologies as one of the few selected companies launching new products solving big problems at DEMO Fall 2014," said Erick Schonfeld. "Top Flight has the potential to be a game-changer."

The Airborg H6 1500 is a 1500mm enhanced endurance, extended payload hex (6) multi-rotor UAV. This vehicle has 6 - 26" carbon fiber propellers, an estimated flying time of 2+ hours minimum, at a maximum of 40 mph, with a maximum payload of 20 lbs, and can operate in wind/gust conditions up to 35 mph. Top Flight is the first company to successfully demonstrate true serial hybrid power integration into multi-rotors at industry disruptive price points; with a world record of 2.5+ hours with 1 gallon of gasoline.

"This very small hybrid engine designed for UAVs and other robotics, is about the size of a bowling ball, weighs 8 lbs, utilizes conventional gasoline, and does for UAV hybrid technology what it has done for similar hybrid-powered cars." said Dr. Long Phan, CEO & President, Top Flight Technologies. "It is 8 times more energy efficient than rechargeable lithium, the basic material which is used in battery-operated drones and 50 percent more efficient than some of the best fuel cell technology."

Top Flight has removed two key challenges in the UAV industry – extended flight time and payloads. Now many more UAV business applications have become feasible. Top Flight's core focus is to make this technology cost-effective, extremely reliable and as automated as possible. These devices even when outfitted with the most sophisticated cameras, infrared, remote sensing devices, data communications, black boxes, will be well under \$50k/unit.

### **About Top Flight**

Top Flight Technologies is cost-effectively advancing the safety and automation of UAVs for commercial service-specific applications. Leveraging hi-tech engineering, software technology innovation and know-how from MIT, Draper Laboratory, FAA, aerospace, aviation and military applications, Top Flight is delivering new industrial grade "service class" UAV products and complete industry solutions for aerial imaging, inspection, remote sensing and live object tracking in new cost-effective ways. Top Flight's Hybrid Propulsion Engine™ has a demonstrated world record of 2.5+ hours with 1 gallon of gasoline and opens the doors to enhanced endurance, and extended payload business applications. For more information visit [www.tflighttech.com](http://www.tflighttech.com).

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