



# FACT SHEET

## Products

- **Airborg™** 1500mm M6 Hex multi-rotor service-class commercial UAVs utilizing Top Flight's Hybrid Propulsion technology.
- **Top Flight Hybrid Propulsion Engine™**, a dual gasoline (primary)/battery backup power source delivering over 2 hours of flight time, 20+lbs payload
- **Plug-n-play open-platform of hardware, software and services** for application-specific functionality, from Top Flight and its technology partners.
- **Focused on industrial applications** requiring extended flight endurance, rapid payload integration, easy autopilot operations, with built-in safety and redundancy.

## Solutions

Aerial Imaging	Inspection
Mapping	Object Tracking
Security	Remote Sensing

## Markets

Advertising/Sports  
Agricultural  
Construction  
Emergency Response  
Environmental  
Facilities Management  
Humanitarian Aid & Disaster Relief  
Oil/Gas/Mining  
Research  
Real Estate  
Security  
Transportation  
Wildlife Preservation

## Management Team (Affiliations)

Dr. Long Phan – CEO & President (MIT)  
John Polo – COO (Gartner/Perkin-Elmer)  
Nancy DeCicco – CFO  
Dr. Sanjay Sarma – Chief Technology Advisor (MIT)  
Tak Miyata – Business Advisor (Scrum Ventures)  
James Bloom – Business Advisor (Data Factory Labs)  
Joichi Ito – Advisor (MIT Media Lab)  
Dr. Paul DeBitetto – Advisor (Draper Laboratory)  
Dr. William Hall – Advisor (Aerospace/MIT)  
Dr. Eric Johnson – Advisor (Georgia Tech/Lockheed)  
Dr. Alexander Slocum – Advisor (MIT)

## Contact Us

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## Overview

Top Flight Technologies (Top Flight) is dedicated to delivering application-specific and cost effective commercial solutions of unmanned aircraft vehicles (UAVs) using the latest advanced technologies driving automation and safety. With a strong founding team of experienced entrepreneurs and technology expertise from MIT, the FAA, commercial software product development and strategic partnerships in hi-tech manufacturing, Top Flight has designed an open-platform modular approach to building feature-rich UAV solutions.

Top Flight is the first company to successfully demonstrate true serial hybrid power integration into multi-rotor vehicles at industry disruptive price points. The **Top Flight Hybrid Propulsion Engine™** has a **demonstrated a world record untethered flight of 2.5+ hours with 1 gallon of gasoline** and removes numerous technical challenges for the UAV industry traditionally limited with battery technology.

Top Flight is proactively addressing the safe operation of UAVs with numerous redundancies and features that ensure consistent failsafe operation. We are also helping educate the market through the introduction of our own training program. Our focus with product development, training and certification is reducing risk of loss in field operation, providing multiple options for the analysis of collected information, and the creation of highly capable business solutions.



## New Paradigms for Business

Whether an alternative to existing manned aircraft services or creating new services, Top Flight products make it possible to:

- Inspect and collect information in remote hard to reach locations with varying degrees of automation, from remotely piloted to full-scale autopilot operation.
- Develop large UAVs for extended payload (20+lbs), range (100+ miles), and endurance (gusts of 30mph), using the same open-platform framework.
- Utilize any combination of optional features such as real-time multi-spectral imaging, long range communications, remote sensing, GPS tagging, 4G network communications, auto-finder, object tracking, information storage and battery solutions that are optimized for a specific application.