# TOP FLIGHT
## TECHNOLOGIES®

**MASTERY. INNOVATION. RESULTS.**

## Overview: AGILE AEROSPACE 2.0 + TOP FLIGHT INNOVATIONS

The space between the surface of the earth and 400 feet above is largely untapped. In a world of contrasts: — surface congestion versus increased demands on mobility, connectivity and transportation — a new generation of agile 3-dimensional transportation is becoming necessary. We refer to this as Agile Aerospace.

Combining the new opportunities in Agile Aerospace 2.0 with our energy-saving hybrid power, extended flight time and enhanced payload UAVs, we are redefining global value chains and creating new business models. We are helping to rethink the ways goods are produced and consumed, how transportation and delivery systems are used throughout the industry, and developing new tools to access and analyze valuable data and information on a near real-time basis. The key ingredients to our success is in our first principles approach to solution development and systems engineering methodologies -- we're helping shape the 4th industrial revolution.

## Product Solutions

Top Flight's core technology innovations address multiple challenges in the Unmanned Aerial Vehicle currently inhibiting broader cost savings and industry application effectiveness:

### Power systems

The Top Flight Hybrid Propulsion Engine™ and electric dual power systems leverages a readily available low-cost fossil fuel converting it to electricity to drive electric motors and equipment.
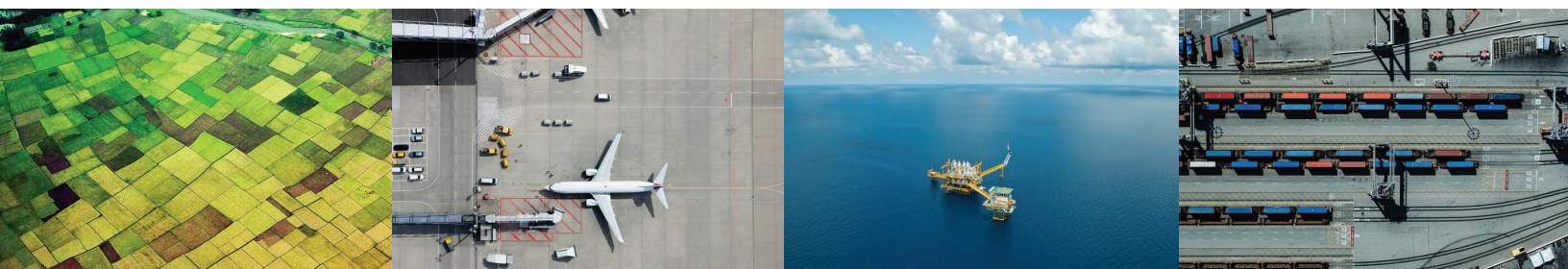
### Extended flight-time

Removing reliance on battery-only solutions allows tradition flight times from 20-30 minutes to new 3+ hr hours flight times greatly enhancing the application spectrum.

### Enhanced payload

Combining propulsion and extended flight-time in all application solutions to fully embrace low-payload solutions to transportation including cargo and other heavier payload needs.

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## Markets

Top Flight creates new, disruptive product solutions that propel whole new businesses and application tools for a broad array of markets.

| | | |
|---|---|---|
| Advertising | Energy & Environment | Oil/Gas/Mining |
| Agriculture | Facilities Management | Real Estate |
| Construction | Humanitarian Aid & Disaster | Transportation |
| Emergency Response | Relief | Wildlife Preservation |

## Management Team

Dr . Long Phan, CEO & President, Co-Founder

John Polo, Chief Operating Officer, Co-Founder

Dr. Paul DeBitetto, Vice President, Software Engineering

Bill Roderick, Vice President, Global Manufacturing

Professor Sanjay Sarma, MIT, Co-Founder

Nancy DeCicco, Acting Chief Financial Officer

## Advisors

Tak Miyata, Strategic Business Advisor - Scrum Ventures

Dr. Thomas Campbell, Strategic Business Advisor

Dr. William Hall, Technical Advisor - Mosaic ATM

Dr. Alexander Slocum, Technical Advisor - MIT

Gus Coldebella, Legal Advisor - Circle

Steven Fargo, Technical Advisor - DataWing Global

## Contact Us

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### UAV Market Potential vs Range/Endurance



Top Flight Hybrid
3+ Hr Flight Time

$ Market Potential

15 min Flight Time

30 min Flight Time
(GoogleX, Amazon)

3 Hour Flight Time

Range/Endurance