

# TOP FLIGHT AIRBORG® H8 10K

## FREQUENTLY ASKED QUESTIONS & COMMONLY ASKED FACTS



### Airborg® H8 10K:

- Dry Weight (no fuel, no payload) - 33 kg
- Fuel Capacity - up to 19L (~ 5 US Gal)
- Size - 70 cm high x 180 cm wide x 220 cm long
- Size (arms removed for shipping/storage) - 70 cm high x 70 cm wide x 90 cm long

### Airborg® Payload and Endurance:

- 4 kg payload – over 2 hours flight time
- 10 kg payload – over 1 hour flight time
- Top Speed - 55 km/hr (34 mph; 15m/sec)
- Capable of Manual, Semi-Autonomous, Full Autonomous Flight

### 60-Day Mission-Ready UAV Program:

- Configure sensors and application-specific equipment
- Pilot, field tech, and data monitor training programs
- Assist country-specific UAV certification

### Mission Planning Software System:

- Plan autonomous BLVOS missions
- Optimized for hybrid-electric powerplant and sensor data
- Automatic data logging

### Simulation Software System:

- Plan & preview missions to test object avoidance in 3-D terrain or city models
- Preview on-board sensor field-of-vision and accuracy
- Train UAV pilots and operators on actual hardware, software, and avionics systems

## Videos

1. 60-Day Mission-Ready UAV Airborg Inspection, Cargo-Transport Engagement Program - <https://www.youtube.com/watch?v=iyLvbm2Oew>
2. Airborg™ H8 10K Cargo-Transport Introduction Video (NEW) - [https://youtu.be/ktjHTT131\\_s](https://youtu.be/ktjHTT131_s)
3. Dr. Long Phan Narrated Product Features Video – <https://youtu.be/LzSFyZjicUs>
4. Airborg 2+ Hr Endurance Video - <https://www.youtube.com/watch?v=rOCX7RypHP8>
5. Airborg as Alternate Power Source - <https://www.youtube.com/watch?v=v11HBUbOgbo&t=13s>

## Documents

6. Product Specification – <http://www.topflighttech.com/assets/Top Flight Product Sheet Airborg H8 10K Feb 2019.pdf>
7. Simulation Environment and Fleet Management System Specification – <http://www.topflighttech.com/assets/Top Flight Product Simulation Flight Management Sheet Feb 2019.pdf>
8. Top Flight Company Fact Sheet – <http://topflighttech.com/assets/Top Flight Company Fact Sheet Feb 2019>
9. Top Flight Management & Advisor Bios – <http://topflighttech.com/assets/Top Flight Management and Advisor Bios Feb 2019>
10. The science behind Top Flight Hybrid-Powered engines - <http://www.topflighttech.com/TheBatteryEnergyDensityRevolution-2017-Final.pdf>
11. Top Flight Logo - [http://topflighttech.com/assets/TFT\\_logo\\_large.jpg](http://topflighttech.com/assets/TFT_logo_large.jpg)

For more information email [info@topflighttech.com](mailto:info@topflighttech.com)

## High-Resolution Airborg® H8 10K Photos:

(Click Photo for Low-Res, Link for High-Res)



Photo 1

LR - [http://www.topflighttech.com/assets/RA1\\_01\\_LR.jpg](http://www.topflighttech.com/assets/RA1_01_LR.jpg)  
HR - [http://www.topflighttech.com/assets/RA1\\_01\\_HR.jpg](http://www.topflighttech.com/assets/RA1_01_HR.jpg)



Photo 2

LR - [http://www.topflighttech.com/assets/RA1\\_02\\_LR.jpg](http://www.topflighttech.com/assets/RA1_02_LR.jpg)  
HR - [http://www.topflighttech.com/assets/RA1\\_02\\_HR.jpg](http://www.topflighttech.com/assets/RA1_02_HR.jpg)



Photo 3

LR - [http://www.topflighttech.com/assets/RA1\\_03\\_LR.jpg](http://www.topflighttech.com/assets/RA1_03_LR.jpg)

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Photo 4

LR - [http://www.topflighttech.com/assets/RA1\\_04\\_LR.jpg](http://www.topflighttech.com/assets/RA1_04_LR.jpg)

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Photo 5

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Photo 6

LR- [http://www.topflighttech.com/assets/RA1\\_06\\_LR.jpg](http://www.topflighttech.com/assets/RA1_06_LR.jpg)

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Photo 7

LR - [http://www.topflighttech.com/assets/RA1\\_07\\_LR.jpg](http://www.topflighttech.com/assets/RA1_07_LR.jpg)

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Photo 8

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Photo 9

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Photo 10

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Photo 11

LR - [http://www.topflighttech.com/assets/RA1\\_11\\_LR.jpg](http://www.topflighttech.com/assets/RA1_11_LR.jpg)

HR - [http://www.topflighttech.com/assets/RA1\\_11\\_HR.jpg](http://www.topflighttech.com/assets/RA1_11_HR.jpg)