



HELLENIC DRONES

Touching the sky from the ground...

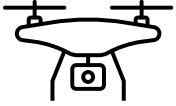
Company Profile

About our company

Our Goal

To provide cutting-edge, high-quality UAV services and products on a wide spectrum of industrial and commercial applications.





Our philosophy

Mission

Pave the way toward digitalization and sustainability in every field

Vision

Drive innovation and progress in a global scale

Values

- Knowledge-sharing culture/co-creation
- Continuous learning and self-improvement
- Loyalty and reliability

Our activities

- Theoretical and practical training and certification in UAS technologies
- Drone products reseller
- Drone and robotic-based operations
- Technology development and dissemination (R&D activities)





About us

- **1st UAV official training academy**, authorized by the Hellenic Civil Aviation Authority (HCAA) under EASA regulations (*July 2017*)
- More than 2,000 students have completed our training program and succeeded in the HCAA exams
- Training centers in Athens, Piraeus, Chania, Iraklion, Kalamata, and Messolonghi.

About us

- Operational authorization to conduct flights in the EASA Specific Category (**SORA**)
- **1st drone delivery** in Greece, on behalf of Kotsovolos at the EKO Acropolis Rally of gods, OAKA stadium (*September 2022*)
- **1st Drone port** in Southeast Europe established at Messolonghi Airport in collaboration with Phantec Aviation (*opening event September 2022*)



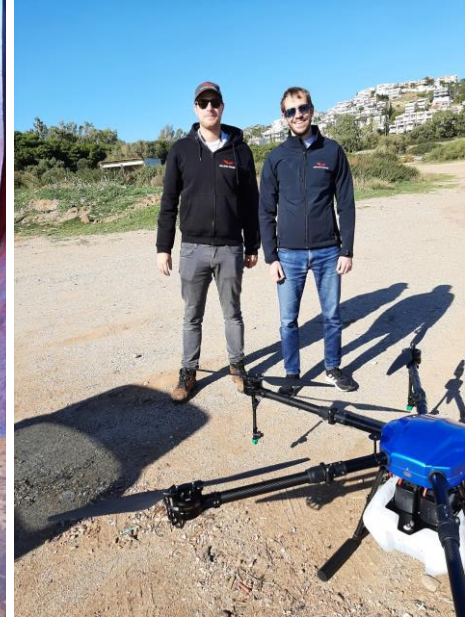
Our team

We invest in young minds and reward long-standing experience

■
R&D Specialists

■
Aeronautical and Software Engineers

■
Qualified operators, instructors and air traffic controllers




Our services


We understand the aviation industry and provide tailored, unique drone-based services that help you increase productivity and efficiency while reducing costs and risks.

 Indoor, outdoor, and underwater asset inspection and monitoring

 Aerial safety, security, and surveillance

 Aerial 3D mapping

 AI Solutions

 Aerial photography and video live streaming

 Precision agriculture services

 Naval UAV operations



Drone team-building activities

Fun and interactive activities to promote healthy communication and collaboration skills: drone building and operating, drone racing, and enjoyable drone games and challenges (The game of drones).



Drone light shows

Designed by our team of experts we deliver magical choreographies rich in color and dynamic movement.



Our products

Flyability's Elios 2, 3 and Elios 2 RAD

- Inspection of confined GPS-denied spaces



- Ex - Proofed
- Ability to climb industrial stairs up to 45°
- Fully autonomous mission execution
- Real-time obstacle avoidance
- Automated docking for recharging
- Indoor & outdoor, day & night
- Anomalies detection
- Equipment health check



Percepto: Drone-in-a-box

- Automated charging
- Optical and radiometric inspections
- Optical Gas Imaging sensor
- Plan consistent inspection flights
- Remotely conduct gas leak detection

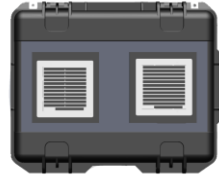
DJI: Matrice 300 RTK Elistair: Tethered Systems Safe T2, Light T4

- Avoiding scaffolding, rope access (Flare stake/tip inspection)
- 3D modelling
- Gas Detection
- Pipeline monitoring
- Flight time 45 minutes
- Secure live streaming



CANARD drone-based solutions for NAVAID and airport inspections for civil and military airfields:

- ILS inspection,
- PAPI Calibration,
- ALS inspection,
- Obstacle control, and photogrammetry



ARTEMIS M.01 LIVESTREAM

State-of-the-art peripheral tool

- Real-time video and image transmission of the drone's view
- Image emission at multiple points and positions through LAN/WAN or/and 3/4/5G networks
- Bonding SIM for continuous and qualitative service

CERBAIR counter-drone solutions

- HYDRA: drone detection by RF analysis.
- MEDUSA: drone neutralization based on electromagnetic (EM) jamming
- CHIMERA: unified portable format for drone detection, location, and neutralization



QYSEA: Fifish Pro V6 Plus

- 4K camera
- 6,000 lumens lighting
- Underwater pipeline inspection
- The distance lock and Altitude Lock sonar
- Real-Time Location Data
- Movement 6 degrees of freedom



Our projects

Creating and promoting innovation through R&D activities funded by the EU Commission, UK Government, and self-funded projects:

Drone solutions for precision agriculture

oenóbotics

afarcloud

aggregate farming
in the cloud



UAM applications in urban airspace(supporting the medical sector)



Maritime and port operations

TRITON 
auTonomous dRones for marITime
OperatiOns

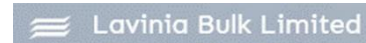


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sHIp inspECtion by auTonOmous dRone

Our clients

We have experience working with major corporations and authorities in Greece and Europe in the Oil and Gas, Construction, Security and Maritime industry, among others.

We offer a variety of services and solutions for training, monitoring, surveying and mapping, aerial video and photography, facilities and assets inspections(refineries, solar panels, ballast tanks, etc.)



Our partners

Hellenic Drones promoting high quality drone services, has established strong relationships and collaborations with a variety of organizations



FLYTREX



AIRMAP



ΚΩΤΣΟΒΟΛΟΣ



Our academic collaborators

As a training center and through our projects we have established strong academic partnerships

- University Of Piraeus
- Aegean University
- University Of Patra's
- Technical University Of Cyprus
- European University Of Cyprus.
- Universidad Polytechnica de Madrid
- IEK Delta



Awards & Recognition



Leveraging innovative applications of specialized indoor drone applications to mitigate the high risk of people accessing/staying in inaccessible/confined areas of ships in the context of their regulations and inspection requirements



Physical Security/Fire Safety Surveillance of Critical Infrastructures with tethered and untethered Unmanned Aerial Systems (UAS)



Get in touch with us!

<http://www.hellenicdrones.gr>

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