



# Penguin series long-endurance unmanned aircraft



*Fixed-wing / Long-endurance / Specialist*

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# PENGUIN SERIES UNMANNED AIRCRAFT

The Penguin is a long endurance unmanned aircraft, designed for the highest reliability, yet still extremely cost efficient. The Penguin aircraft is available in two distinct product configurations – Penguin B or Penguin C and is an ideal step into the long-endurance unmanned aircraft

business in the under 55 pound class. No matter what your business model is – a service provider, a systems integrator or payload developer, the Penguin B or C will support the most demanding project requirements and will allow you to build business on your company's core specialty.

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## Penguin B or Penguin C?



No matter which Penguin you choose, you will get highest level of engineering, quality and state of art fuel injected engine options with over 22 hours of endurance.

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# Penguin Overview

The Penguin B is specifically engineered as a platform

- Highly versatile
- The customer integrates the autopilot, datalink, and payload
- Can be adopted to meet the most demanding applications
- Short lead time with standard configuration
- To help ease the integration process, UAV Factory offers a world-class 4 day Integrator Training Course

The Penguin C is a turnkey unmanned aircraft system

- Full Turnkey Solution
- Complete with a comprehensive 10-Day Training Program
- Flight ready after training
- Advanced Avionics
- Has the lowest logistical footprint in its class
- Fully Autonomous

## Key features

Feature	Penguin B	Penguin C
20+ hour endurance	•	•
EFI engine	•	•
Catapult capability	•	•
Runway takeoff capability	•	
Wheeled landing on rough terrain	•	
Integrator training	•	
Parachute landing		•
Swappable propulsion modules		•
Integrated Autopilot system		•
Integrated digital datalink system		•
Integrated Payload (EO/IR)		•*
Integrated long range tracking antenna system		•
Operator training		•

For more details on Penguin B/C please see product datasheets.

\* (available without payload)

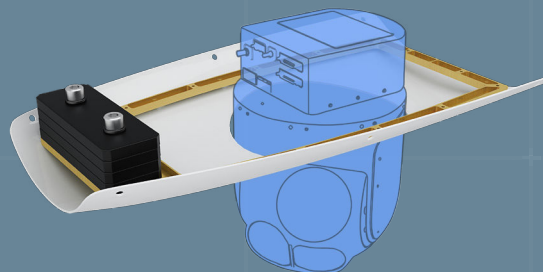
# PENGUIN B



## Payload

Penguin B has a swappable universal payload mount that can be removed in seconds and used for various payloads. **OVER 20 LITERS OF PAYLOAD VOLUME** and **UP TO 10 KG OF USER-DEFINED PAYLOAD** is available for your specific payload requirements. Sophisticated payloads such as retractable gimbals can be installed into the fuselage and utilize the available space efficiently.

The universal payload mount has predetermined mounting points that are precisely machined in aluminum frame as well as removable ballast slugs that will simplify the payload integration process considerably.



System  
integrators



Service  
providers



Research  
laboratories



Payload  
developers

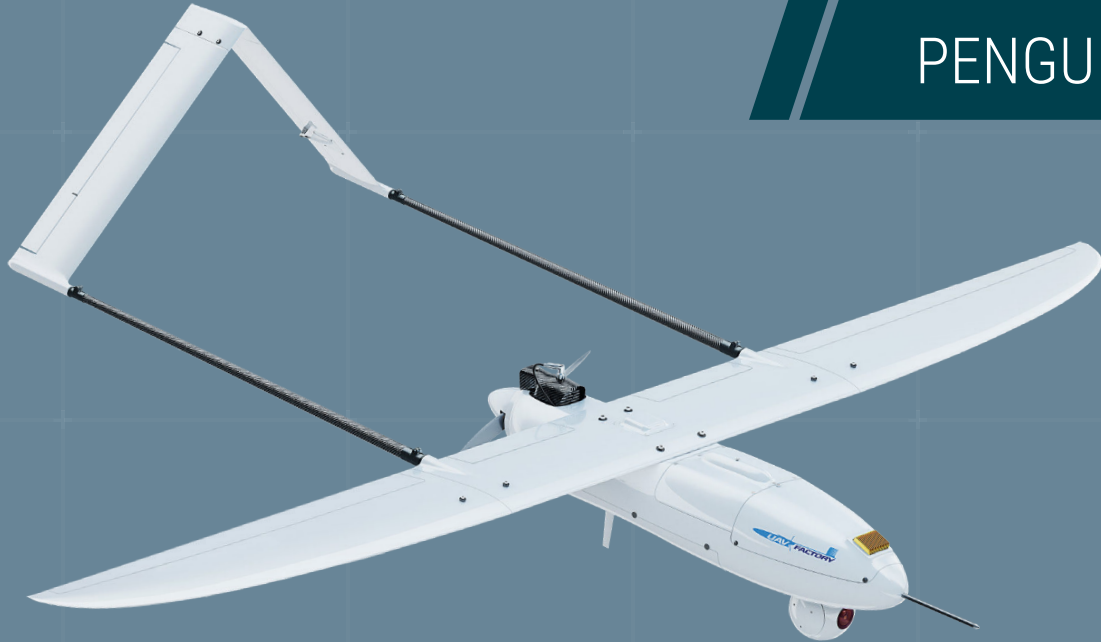


Universities



Engineering  
companies

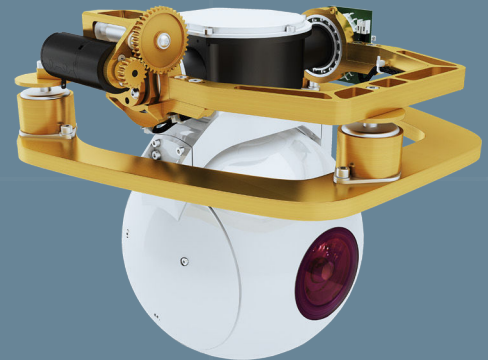
# PENGUIN C



## Payload

Integrated EO/IR gyro stabilized

The Penguin C is available with EO/IR gyro stabilized gimbal payloads. The payload is automatically retracted into the fuselage during takeoff or landing. Penguin C is also available without the payload in order to allow customer-specific integration.



Service  
providers



Payload  
integrators



End users

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# UAV Factory USA LLC

50 South Buckhout Street, Irvington, NY 10533 USA

Phone: +1 (914) 591 3296  
Sales: [rbauer@uavfactory.com](mailto:rbauer@uavfactory.com)

# UAV Factory Ltd., Europe

7 Peldu Street, Jelgava, Latvia, LV-3002

Sales: +371 20262126

Information: [info@uavfactory.com](mailto:info@uavfactory.com)  
Sales: [sales@uavfactory.com](mailto:sales@uavfactory.com)



[www.uavfactory.com](http://www.uavfactory.com)

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