

PIPISTREL 

BY TEXTRON eAVIATION



*ALPHA TRAINER*

## ***The Smart Training Choice***

The Alpha Trainer combines performance and efficiency making it the perfect flight training aircraft. Through modern aerodynamic design and high-tech manufacturing, the Alpha Trainer provides superb performance and flight characteristics with low operating costs thanks to its fuel-efficiencies.

Built by design, the Alpha Trainer comes equipped with all the essential features expected for flight training, including a strong durable undercarriage, and gentle flight characteristics. Suitable for entry level flight training and experienced aviators, the Alpha Trainer offers a quiet, comfortable cabin with easy access and is a comfortable learning environment for students.

Operated throughout the world in some of the harshest conditions, the Alpha Trainer is a trusted and proven trainer, backed by Pipistrel's service and support network.

## ***Innovation & Sustainability***

Innovation and sustainability is core to Pipistrel's DNA. The Alpha Trainer's design was influenced with this in mind, providing fuel-efficient aerodynamic performance while minimizing the environmental impact on flight.

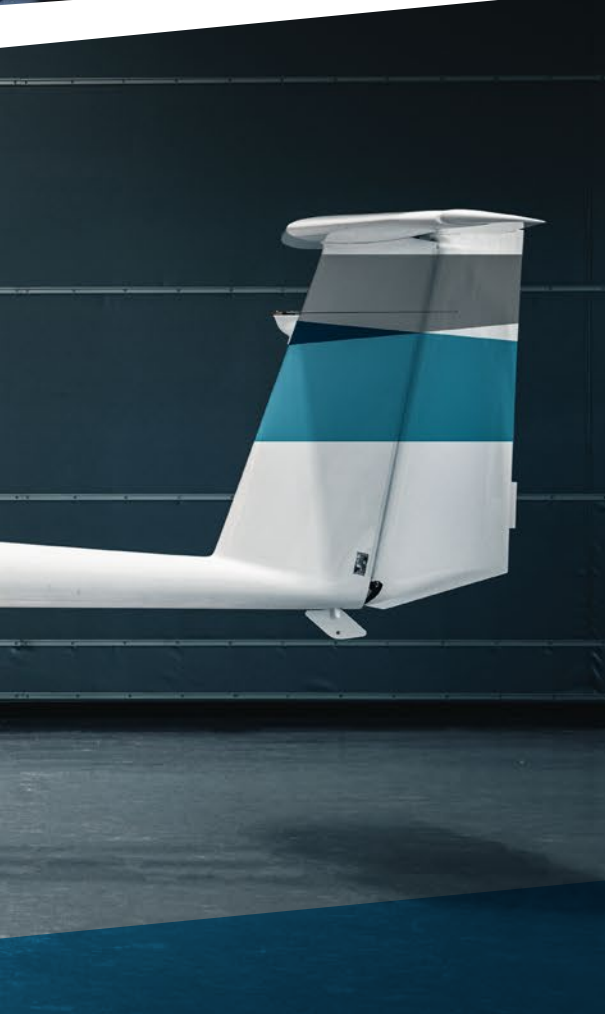
## **SAFETY AS STANDARD**

- *LSA certified and fully approved for Day/Night VFR operations with benign stall characteristics and safety built as standard.*
- *Equipped with a Ballistic parachute rescue system offering peace of mind.*
- *Proven track record training thousands of pilots across the world with a strong, robust design.*

## **VALUE**

- *Low cost to purchase and operate, the Alpha Trainer is the perfect compromise between performance and price.*
- *Simple design with low maintenance costs backed by Pipistrel's Global distribution network for sales and service worldwide.*
- *Built by design to provide value for flight schools making flight training more accessible to all.*





## TECHNICAL DATA

### **ALPHA TRAINER (525 kg)**

#### **Performance**

Takeoff 50' Obstacle (MTOW)	870 ft (265 m)
Max Climb Rate	1220 fpm
Cruise Speed (75% power)	104 kts
Max Range	324 nm
Max Endurance	3 hours (+30 min reserve)
Stall Speed w/flaps	42 kts

#### **Powerplant**

Engine Manufacturer	Rotax
Engine Model	912 UL
Max Take-off power	80 hp at 5800 rpm
Max Fuel Capacity	13.2 usg (50 liters)

#### **Weights**

Max Take-off Weight	1157 lbs (525 kg)
Typical Empty Weight*	615 lbs (315 kg)
Useful Load	463 lbs (210 kg)

#### **Dimensions**

Wingspan	34.4 ft (10.5 m)
Length	21.33 ft (6.5 m)
Height	6.07 ft (2.05 m)
Max Occupants	2

\*Typically equipped Alpha Trainer

Note: Pipistrel reserves the right to revise this data whenever occasioned by product improvement/authority regulations or other good causes

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Alph Trainer and Pipistrel Aviation,  
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