

TECHNICAL DATA

ALPHA TRAINER (550 kg)

Performance

Takeoff 50 ft Obstacle (MTOW)	1,486 ft (453 m)
Max Climb Rate	948 fpm
Cruise Speed	104 KTAS
Economy Cruise (3 gph)	96 KTAS
Max Endurance	3 hr (+30 min reserve)
Stall Speed with Flaps	42 kts

Powerplant

Engine Manufacturer	Rotax
Engine Model	912 UL
Max Take-off Power	80 hp at 5,800 rpm
Max Fuel Capacity	13.2 gal (50 L)

Weights

Max Take-off Weight	1,212 lbs (550 kg)
Typical Empty Weight*	683 lbs (310 kg)
Useful Load	529 lb (240 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.



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.

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 both entry-level flight training and experienced aviators, the Alpha Trainer offers a quiet, relaxing 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 and Sustainability

Innovation and sustainability are core to Pipistrel's DNA. The Alpha Trainer was designed with this in mind, providing fuel-efficient, aerodynamic performance while minimizing its environmental impact.

SAFETY AS STANDARD

- LSA certified and fully approved for Day/Night VFR operations with benign stall characteristics.
- 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.
- Built to provide value for flight schools making flight training more accessible to all.

