

PIPISTREL 



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.

PURPOSEFUL DESIGN

- LSA certified and fully approved for Day/Night VFR operations with benign stall characteristics.
- Purpose-built airframe design is equipped with a ballistic parachute system.
- 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.





TECHNICAL DATA

ALPHA TRAINER (550 kg)

Performance

Takeoff Over 50 ft Obstacle	1,486 ft	453 m
Landing Over 50 ft Obstacle	1,440 ft	439 m
Max Climb Rate	948 ft/min	4.8 m/s
Max Cruise	106 KTAS	196 km/h
Max Range	339 nm	627 km
Stall Speed, Landing Configuration	42 KIAS	77 km/h
Max Altitude	18,000 ft MSL	
Endurance	3 hr 36 min (+30 min reserve)	

Powerplant

Engine	Rotax 912 UL	
Max Takeoff Power	80 hp	59.7 kW
Fuel Tank Capacity	13.2 gal	50 L

Weights

Max Takeoff Weight	1,212 lb	550 kg
Typical Empty Weight*	683 lb	310 kg
Useful Load	529 lb	240 kg

Dimensions

Wingspan	34 ft 5 in	10.5 m
Length	21 ft 4 in	6.5 m
Height	6 ft 9 in	2.05 m
Max Occupants	2	

Data using MTOW of 1,212 lb, ISA, SL

*Typically equipped Alpha Trainer

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

PIPISTREL 

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