

TECHNICAL DATA

EXPLORER

Performance

Takeoff 50 ft Obstacle (MTOW)	1,050 ft (320 m)
Max Climb Rate	1,050 fpm
Max Cruise Speed	133 KTAS at 10,000 ft
Max Range (65% Power at 4,000 ft)	625 nm (+30 min reserve)
Max Endurance (65% Power at 4,000 ft)	5h 33 min (+30 min reserve)
Stall Speed with Flaps	47 KIAS

Powerplant

Engine Manufacturer	Rotax
Engine Model	912 S3
Max Take-off Power	100 hp
Max Fuel Capacity	26 gal (100 L)

Weights

Max Take-off Weight	1,323 lb (600 kg)
Typical Empty Weight*	818 lb (371 kg)
Useful Load	505 lb (229 kg)

Dimensions

Wingspan	35.1 ft (10.70 m)
Length	21.1 ft (6.42 m)
Height	6.82 ft (2.08 m)
Max Occupants	2

*Typically equipped empty weight

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



EXPLORER



The Most Advanced Aircraft in its Category

A bold claim, yet the Explorer delivers. The clean lines and efficient design provide superior performance with minimal power required. The Explorer is the highest performing aircraft in the CS-LSA category.

The Explorer's durability, speed and performance make it an ideal aircraft for operation in remote locations, including an extensive variety of temperatures and altitudes. Approved for Day/Night VFR operation and intentional spins, the aircraft is matched with an IFR-ready avionics package. The Explorer is ready for you.

Best in Class

- IFR-ready avionics, dual touch screen Garmin G3X, advanced auto-pilot, constant speed propeller and air brakes come standard.
- The finest equipped, affordable and comfortable two-seat EASA type certified aircraft in its category.
- Ideal for personal travel, as a club workhorse or an advanced trainer.

SAFETY AS STANDARD

The Explorer incorporates the HDSW (Haptic Device Stall Warning) system, which alerts pilots approaching a stall. The full airframe parachute system adds peace of mind and the modern, carbon construction creates a robust, rugged workhorse.

VALUE

- Approved for Day/Night VFR operations, intentional spins and an IFR-ready avionics package for more advanced flying.
- Approved to operate with both AVGAS and MOGAS and with low fuel consumption thanks to an efficiently-designed airframe.
- Packed with equipment including the Garmin G3X Avionics package, air brakes, constant speed propeller and airframe parachute rescue system all as standard.

