

PIPISTREL 



**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.

## **ENGINEERED FOR CONFIDENCE**

*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.*
- *Built to provide value for flight schools making flight training more accessible to all.*





## TECHNICAL DATA

# EXPLORER

### Performance

Data using MTOW of 1,323 lb, ISA, SL

Takeoff over 50 ft Obstacle	1,050 ft	320 m
Landing over 50 ft Obstacle	1,460 ft	445 m
Max Climb Rate	1,050 ft/min	5.3 m/s
Max Cruise Speed	133 KTAS	246 km/h
Max Range (55% Power at 4,000 ft)	646 NM (+30 min reserve)	
Max Endurance (55% Power at 4,000 ft)	5 hr 48 min (+30 min reserve)	
Stall Speed, Landing Configuration	47 KIAS	87 km/h

### Powerplant

Engine	Rotax 912 S3	
Max Takeoff Power	100 hp	
Max Fuel Capacity	26.4 gal	100 L

### Weights

Max Takeoff Weight	1,323 lb	600 kg
Typical Empty Weight*	818 lb	371 kg
Useful Load	505 lb	229 kg

### Dimensions

Wingspan	35 ft 1 in	10.70 m
Length	21 ft 1 in	6.42 m
Height	6 ft 10 in	2.08 m
Max Occupants	2	

\*Typically equipped empty weight

Data using MTOW of 1,323 lb, ISA, SL

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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