

TECHNICAL DATA

SINUS

Performance

	Sinus UL	Sinus MAX
Takeoff 50 ft Obstacle (MTOW)	450 ft (153 m)	1,312 ft (400 m)
Max Climb Rate	1,300 fpm (6.6 m/s)	866 fpm (4.4 m/s)
Cruise Speed at 7,500 ft at 5,000 rpm	75 ktas	100 ktas
Best Range at 5,000 rpm 12.1 L/h	475 nm (15 gal / 60 L tanks) 600 nm (26 gal / 100 L tanks)	440 nm (15 gal / 60 L tanks) 770 nm (26 gal / 100 L tanks)
Endurance at 5,000 rpm	4.4 hr (15 gal / 60 L tanks) 5.8 hr (26 gal / 100 L tanks)	4.4 hr (15 gal / 60 L tanks) 7.7 hr (26 gal / 100 L tanks)
Best Glide	28 : 1	23 : 1

Powerplant

	Sinus UL	Sinus MAX
Engine Manufacturer	Rotax	Rotax
Engine Model	912 UL	912 UL
Max Take-off Power	80 hp (60 kW)	80 hp (60 kW)
Max Fuel Capacity	15 gal (60 L) / 13 gal (50 L)	15 gal (60 L) / 26 gal (100 L)

Weights

	Sinus UL	Sinus MAX
Max Take-off Weight	1,041 lb (472.5 kg)	1,320 lb (600 kg)
Typical Empty Weight*	626 lb (284 kg)	771 lb (350 kg)
Useful Load	415 lb (188.5 kg)	606 lb (275 kg)

Dimensions

	Sinus UL	Sinus MAX
Wingspan	49.11 ft (14.97 m)	49.11 ft (14.97 m)
Length	21.33 ft (6.5 m)	21.33 ft (6.5 m)
Height	5.58 ft (1.7 m) TW 6.76 ft (2.06 m) NW	5.97 ft (1.82 m) TW 6.76 ft (2.06 m) NW
Max Occupants	2	2

*Typically equipped empty weight

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



SINUS



Four Aircraft in One

It's a glider, a fast and efficient cross country cruiser, a versatile trainer and a flexible aircraft solution. Sinus is the ultimate in flexibility available to transform from a motor glider into a fast, cross country aircraft in minutes.

The Sinus combines the true sense of a glider with unprecedented efficiency during powered flight. Take off and land on short runways, fly cross country and enjoy excellent gliding capability. All in the same aircraft.

Fuel Efficient with Outstanding Range

Pipistrel's Sinus aircraft are record-breaking thanks to aerodynamic efficiencies while operating at less than 10 liters of fuel per hour. With long-range fuel tanks, you can go farther.

Excellent Gliding Performance

Powered by imagination and innovation, the 15-meter wings and up to 29:1 glide ratio when the propeller is feathered, allow you to enjoy countless hours of flying in thermals without burning a drop of fuel. Of course when needed, you can turn the engine on to extend the range.

FEEL SAFE AND SECURE

The cockpit is designed with energy-absorbing structures made from Kevlar fiber, matched with the optional ballistic parachute recovery system. With the Sinus, safety is at the forefront.

LUXURIOUS AND RELIABLE

With more than 30 years of experience manufacturing aircraft and a worldwide fleet of more than 2,500, Sinus Max has been designed and tested to ensure the aircraft performs to its best, always. Low operating costs and excellent reliability provide endless flight possibilities.

As for comfort and luxury, the wide, spacious cabin available with an optional leather interior will make you feel right at home. The Sinus Max can be customized to meet your personal flying desires.

