

TECHNICAL DATA

VIRUS SW

Performance	Virus SW 80	Virus SW 100	Virus SW 100 iS
Takeoff 15 ft Obstacle (MTOW)	870 ft (265 m)	838 ft (255.5 m)	574 ft (175 m)
Max Climb Rate	1,220 fpm	1,368 fpm	1,653 fpm
Cruise Speed (75% Power)	104 kts (192 km/h)	124 kts (229 km/h)	147 kts (273 km/h)
Max Range	890 nm (1,650 km)	783 nm (1,450 km)	852 nm (1,575 km)
Max Endurance	6.75 hr +30 min reserve	5.5 hr + 30 min reserve	5.8 hr
Service Ceiling	18,000 ft	18,000 ft	18,000 ft
Powerplant			
Engine Manufacturer	Rotax	Rotax	Rotax
Engine Model	912 UL	912 ULS	912 IS
Max Take-off Power	80 hp at 5,800 rpm	100 hp at 5,800 rpm	100 hp at 5,800 rpm
Max Fuel Capacity	26 gal (100 L)	26 gal (100 L)	26 gal (100 L)
Weights			
Max Take-off Weight	472.5 kg	472.5 kg	472.5 kg
Typical Empty Weight*	655 lb (297 kg)	655 lb (297 kg)	644 lb (292 kg)
Payload	387 lb (175.5 kg)	387 lb (175.5 kg)	679 lb (308 kg)
Dimensions			
Wingspan	35 ft (10.7 m)	35 ft (10.7 m)	35 ft (10.7 m)
Length	21 ft 3 in (6.5 m)	21 ft 3 in (6.5 m)	21 ft 3 in (6.5 m)
Height	6.82 ft (2.08 m)	6.82 ft (2.08 m)	6.82 ft (2.08 m)
Max Occupants	2	2	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.



VIRUS SW



Uncompromised Performance

The Virus SW is an exceptional aircraft winning NASA challenges and holding multiple records from around-the-world flights. The Virus SW's strengths lie in its ability to fly at altitudes of more than 15,000 ft and take off and land from short runways. Fully customizable with a range of powerplants and equipment options, the Virus SW is the ideal aircraft for fast cross-country flying, surveillance missions and advanced operations.

With more than 1,000 in operation ranging from private owners and aviation professionals to training organizations and special mission applications, the Virus SW is truly Pipistrel's most versatile aircraft.

Fully Customizable

Available with multiple engine choices, from the 80 hp Rotax 912 to the 115 hp turbocharged Rotax 914 series, the Virus SW combines pure speed with unprecedented fuel economy. A host of avionics options allow for a fully customized flying experience including an IFR-rated glass cockpit with GPS and integrated autopilot.

Aerodynamic Efficiency

Thanks to its superior aerodynamic efficiency, state-of-the-art composite material construction and lowest fuel consumption in its category, the Virus SW can cruise at more than 100 kts and has a range of nearly 900 nm. With a comfortable and quiet cabin full of high-quality features such as handmade leather and a reinforced Kevlar cockpit, the Virus SW is a customer favorite.

SAFETY AS STANDARD

- *Ballistic parachute recovery system as standard.*
- *High turbulence penetration speed allows high speed cruise even in turbulence.*
- *Kevlar-reinforced safety cabin and state-of-the-art composite materials to withstand the toughest of environments.*

WHY VIRUS SW

- *An aircraft with no compromises and record-breaking achievements - from several flights around the world to NASA challenge victories.*
- *Flexibility of different engines and propellers for different needs.*
- *A fully customizable aircraft for your wishes and needs.*

