

PIPISTREL 

BY TEXTRON eAVIATION



*VIRUS SW*

## ***Uncompromised Performance***

The Virus SW is an exceptional aircraft holding multiple records from round the world flights to NASA challenge winners. The Virus SW's strengths lie in its ability to fly at altitudes of 15,000 ft and take off and land from short runways. Fully customisable 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 around the world with private owners, aviation professionals, training organisations, and in special mission applications, the Virus SW is truly Pipistrel's most versatile aircraft.

## ***Fully Customizable***

Available with multiple engine choices, from the 80hp Rotax 912 through to the 115hp turbocharged Rotax 914 series, the Virus SW combines pure speed with unprecedented fuel economy. A host of avionics options allow for a fully customised cockpit 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 up to 150 kts and has a range of nearly 900nm. With a comfortable and quiet cabin full of high quality features such as handmade leather and a reinforced Kevlar cockpit the Virus SW really is a customer favourite.

## **SAFETY AS STANDARD**

- *Ballistic Parachute recovery system as standard*
- *High turbulence penetration speed allowing 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**

- **Uncompromised performance** - An airplane with no compromises and with record-breaking achievements: from several flights around-the-world to NASA challenge victories.
- **Flexibility in Engine Choice** - Flexibility of different engines and propellers for different needs
- **Fully Customizable Aircraft** - A fully customisable aircraft for your wishes and need





## TECHNICAL DATA

# VIRUS SW

### Performance

	Virus SW 80	Virus SW 100	Virus SW 100 iS
Takeoff 15' Obstacle (MTOW)	738 ft (225 m)	574 ft (175 m)	574 ft (175 m)
Max Climb Rate	1200 fpm	1653 fpm	1653 fpm
Cruise Speed (75% power)	133 kts (246 km/h)	147 kts (273 km/h)	147 kts (273 km/h)
Max Range	890 nm (1650 km)	783 nm (1450 km)	852 nm (1575 km)
Max Endurance	6.9 hrs	5.3 hrs	5.8 hrs
Service ceiling	18000 ft	18000ft	18000ft

### Powerplant

Engine Manufacturer	Rotax	Rotax	Rotax
Engine Model	912 UL	912 ULS	912 IS
Max Take-off power	80 hp at 5800 rpm	100 hp at 5800 rpm	100 hp at 5800 rpm
Max Fuel Capacity	26 usg (100 litres)	26 usg (100 litres)	26 usg (100 litres)

### Weights

Max Take-off Weight	472.5 / 600 kg	472.5 / 600 kg	472.5 / 600 kg
Typical Empty Weight*	633 lb (287 kg)	637 lb (289 kg)	644 lb (292 kg)
Payload	690 lb (313 kg)	685 lb (311 kg)	679 lb (308 kg)

### Dimensions

Wingspan	35 ft (10.71 m)	35 ft (10.71 m)	35 ft (10.71 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

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Virus sw and Pipistrel Aviation,  
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