

Pipistrel: the freedom of flight

The widest range of light sport aircraft in the world

**PIPISTREL**  
ROMANIA

**VIRUS912**  
STOL  
runway  
glide 24:1

Rotax 912 80 HP  
Cruise  
225 km/h - 120 kts  
Consumption  
9.5 Lph/2.5 Gph

Long-range fuel tanks  
Large baggage  
compartment  
Roll time 45° - 45°  
3,1 sec

**Multi-role trainer**  
High performance  
economic cruiser

Virus 912 is a fast, yet very economic cruise aircraft. Ideal for cross-country flying it is also suited for aero-clubs and training flights. Virus 912 offers unprecedented handling and performance while remaining highly efficient and every task she is confronted with. The only one with airbrakes- approach easily over obstacles!



# VIRUS 912

The 12.46-meter Virus 912 is a touring motorglider, enabling you to switch off the engine and glide alongside ridges and thermals.

When the weather is not cooperating, switch on the engine and cruise very fast and very economically to your new destination.



**Taurus M**  
15-meter wingspan  
**Taurus Electro**  
15-meter wingspan



**Apis/Bee**  
15-meter wingspan  
13.5-meter  
New FAI class ready



**Sinus 912**  
15-meter wingspan



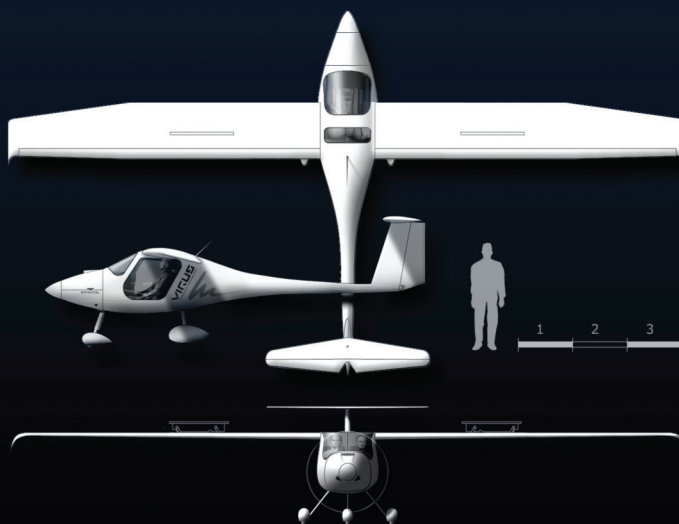
**Virus 912**  
12.5-meter wingspan



**Virus SW 80/100**  
10.7-meter wingspan



**Panthera**  
Four seat fast cruiser







## Virus 912 UL Aircraft

### Safety

Safety is our primary concern. This is why Virus features the Safety Cockpit Concept. The entire cabin area is encased with energy absorbing structures made from Kevlar fibre, an amazing material which maintains the integrity of the cabin and makes it safe also in case of stronger impacts. Together with our special Safety Cockpit Concept the Virus can also be equipped with the ballistic parachute rescue system, which saves the complete aircraft together with the crew in case of severe emergencies.

### Unparalleled performance.

#### No competition.

Virus combines unmatched speed and economy with superb take-off and climb performance.

### Engine rotax

Max power

ROTAX 912 UL

80 hp at 5800 rpm

### Propeller

Pipistrel VARIO

### Sizes

Wing span

12,46 m

Length

6,5 m

Height

1,70

Wing area

11,0 m<sup>2</sup>

Aspect ratio

13,1

Positive flaps

9 deg, 18 deg

Negative flaps

5 deg

### Weights

Empty weight

284 kg

Max weight (MTOW)

450kg/472.5kg/550kg

Fuel tanks capacity

2 x 30 l/2 x 50 l

### Performance

Stall with flaps

63 km/h

Stall without flaps

72 km/h

Cruising speed (75%)

225 km/h

VNE

249 km/h

Turbulence penetration

141 km/h

Best climb speed

130 km/h

Max. climb rate

6,2 m/sec

Best glide ratio speed

110 km/h

Best glide

24:1

Take off run

90 m

Service ceiling

8100 m

45° - 45° Roll time

3,1 sec

Fuel flow at cruise speed

9,5 l/hour

Endurance (std tanks)

5,7 hours

Range (std tanks)

1280 km

Load factor permitted

+4 g - 2 g

Load factor tested

+ 7,2 g - 7,2 g



# VIRUS 912



If you are looking for an all-in-one aircraft, look no further! As demonstrated in the 2008 NASA GAT Challenge the Virus is 19% more fuel efficient while flying 23% faster than the popular Flight Design CTSW. At the same time, the demonstrated climb performance was more than two times that of the CTSW, while permitting for more useful payload thanks to the much lower empty weight.

### Highest technologies and maintenance free

Our products are all known for being virtually maintenance free. The highest of technologies, including honeycomb techniques, which we use to build composites and best quality metal alloys, including Titanium and Magnesium, which are used on parts of the aircraft, ensure that the aircraft will last a lifetime in a like-new condition. And if you do not intend to fly for a while, you can disassemble the Virus in only 15 minutes - all the controls are self-fitting, making this task as care-free as possible.

### Robust and reliable

More than 300 of our aircraft fly on all six continents of the World in conditions that are sometimes difficult to imagine.

All systems on board have withstood rigorous testing to ensure the aircraft performs at its best in hot or cold, wet or dry, low or high! Flight schools love the Virus because of reliability, super-low operating costs and endless possibilities of flying.

### Cockpit comfort and luxury

A spacious, well ventilated side-by-side cockpit with optional leather interior will make sure you feel comfortable also during the longest adventurous flights. Even the tallest or shortest of pilots will feel at home in the Sinus, thanks to the adjustable rudder pedals. The choice of either a small or large instrument panel can make the cockpit feel like a glider or fully equipped top-of-the-line long-range cruising aircraft.

With excellent sideward and downward views your air-ground or air-air photographs will make everybody envious!



**Taurus M**

15-meter wingspan



**Taurus Electro**

15-meter wingspan



**Apis/Bee**

15-meter wingspan

13,5-meter

New FAI class ready



**Sinus 912**

15-meter wingspan



**Virus 912**

12,5-meter wingspan



**Virus SW 80/100**

10,7-meter wingspan



**Panthera**

Four seat fast cruiser



ROMANIA

No.14 A Banatului Str.

Chitila, IF 077045,

ROMANIA

tel.: +4021 436 41 75

fax: +4021 361 61 96

www.pipistrel.md

info@pipistrel.md

Pipistrel d.o.o. Ajdovscina

Goriška cesta 50a

SI-5270 Ajdovščina

Slovenia, EU

tel.: +386 5 36 63 873

fax.: +386 5 36 61 263

www.pipistrel.si

info@pipistrel.si