



Pipistrel

VELIS CLUB



PIPISTREL

The ultimate price-performance two-seat type-certified trainer
The best and most affordable all-in-one choice to suit the needs of flight academies and clubs.



Treat yourself to a type-certified aircraft for the price of a microlight.

Richly equipped already in the basic configuration but if required, it offers the privilege to select options such as:

- Ballistic Parachute Rescue System
- Glider towing hook
- Aerodynamic wheel fairings
- Solid luggage compartment
- Wingtip and landing lights
- ...and more!

VELIS CLUB IS EFFICIENT!
It features state-of-the-art full-span **flaperons** which reduce drag, provide **high speed** and grant the **longest range** in category.

VELIS CLUB IS SAFE!
It offers the option of a whole-airplane **ballistic parachute rescue system**. Even more, it features an AOA-based **haptic stall warning**.

VELIS CLUB IS SIMPLE!
It flies effortlessly and requires very little maintenance.

VELIS CLUB IS AGILE!
Air brakes enable steep descent and landings on short runways, even over obstacles.

VELIS CLUB IS ECONOMIC!
It uses automotive grade fuel and is equipped with a **type-certified constant-speed propeller** providing for excellent fuel efficiency.

VELIS CLUB IS COMFORTABLE!
To keep the cockpit cool, the entire aircraft is painted white with a high-quality acrylic paint, which **reflects heat**. For winter operations, it is equipped with powerful cabin **heat and windshield defrost**.

VELIS CLUB IS EASA TYPE-CERTIFIED for day VFR and for intentional spins, so it can be used for **UPRT training**. Certificate grants unrestricted **commercial use**.

19 €	FUEL COSTS PER HOUR WITHOUT VAT
42 €	DIRECT OP. COSTS PER HOUR WITHOUT VAT Incl.fuel, maintenance & overhaul
48 €	TOTAL OP. COSTS PER HOUR WITHOUT VAT Including also depreciation

Flight schools and private owners alike will appreciate the spacious cockpit, comfortable seats with adjustable pedals and adjustable seat backrests.

The VELIS Club only needs minimum maintenance and can land on unprepared runways and on short landing distances.

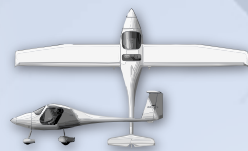


PIPISTREL

The brand that creates passion!

Pipistrel has been the pioneer of innovative and affordable low-emission aviation since 1989 with its wide range of products from gliders to airplanes; electric, fuel-powered and hybrid; one- two- and four-seaters, surveillance and unmanned aircraft. All of them make Pipistrel the aircraft producer with the largest product diversity in the world.

Current production of one aircraft per working day and sales to more than 90 countries guarantee that Pipistrel aircraft are ideal for all climates and terrain types. After-sales service in more than 40 countries worldwide is our promise to every customer that they are getting the exact product they need and want.



VELIS Club
VELIS Electro



ALPHA Trainer
ALPHA Electro



Virus SW



Sinus



TAURUS Electro
TAURUS M



Panthera

Ivo Boscarol, the founder and CEO of Pipistrel: *"I always set the highest goals to my team: to design and produce the best aircraft in the category and with the MRO network all over the world, to offer the best service to our customers.*

I am very proud of each member of my team, because they did not only meet my targets, they surpassed them. That's why we are changing the aviation standards with the most innovative general aviation product in the world."



VELIS Club is the result of over 30 years of experience in designing energy-efficient aircraft which follow the glider philosophy. The shapes they use are so clean, that they enable flight with minimum noise and lowest energy consumption, with the performance staying the same or even better.

Structural perfection is the sum of knowledge acquired in making of 1800 aircraft of the same family of products. Certified and used in harshest conditions all over the world, the VELIS Club fulfilled the expectations of one of the most demanding customers: the Indian Air Force, Navy and National Cadet Corps acquired 194 Pipistrel aircraft for pilot training.




PIPISTREL

Pipistrel: the freedom of flight



Pipistrel VELIS Club

EASA CS-LSA type-certified

The most price-performing aircraft in its category

PERFORMANCE FIGURES

Data published for 600 kg MTOW (1,320 lbs). All speeds in Knots

Vne - Never Exceeded Speed	163 KTAS
Vno - Max Structural Cruising Speed	120 KIAS
Va - Max Operating Maneuvering Speed	100 KIAS
Vfe - Max Flap Extended Speed	81 KIAS
Vae - Max Airbrakes Extended Speed	100 KIAS
VSO - Stall speed with flaps	47 KIAS
VS - Stall speed without flaps	53 KIAS
Towing limitations	Glider up to 600 kg (to meet 500m total take-off distance over 15m obstacle)
Best climb speed	78 KIAS
Max climb rate	5.33 m/s (1050 ft/min)
Take-off distance (at SL)	160 m / 525 ft
Take-off distance over 15m obstacle (at SL)	320 m / 1050 ft
Maximum take-off altitude	3,048 m (10,000 ft) MSL
Maximum operating altitude	5,486 m (18,000 ft) MSL
Fuel consumption at 2000ft, 75% MCP	18.4 l/hour (4.86 gal/h)
Cruise performance at 6000ft, 75% MCP	132 KCAS
Endurance at 4000ft, 65% power	5h 33min (+30 min reserve)
Range distance at 4000ft, 65% power	1189 km / 642 nm (+30 min reserve)
Noise level (ICAO Annex 16, Chapter 10)	70,0 dB(A) (measured)
Flight Load Factor Limits	+4.0g -2.0g
Permitted Fuel	AVGAS, MOGAS or car fuel (min RON95; En228 Premium or Premium Plus with max 10% ethanol)

TECHNICAL CHARACTERISTICS

Length	6.40 m (21.0 ft)
Wing span	10.70 m (35.10 ft)
Height	2.06 m (6.75 ft)
Negative flaps	-5°; marked (-)
Positive flaps	0°, +9.5°, +20°; marked (0), (+1), (+2) respectively
Design empty weight	340 kg (750 lb)
Max take-off weight (MTOW)	600 kg (1323 lb)
Design useful load	260 kg (573 lb)
Max baggage weight	25 kg (55 lb)
Fuel tanks capacity	2x 49.5 l

Note: Data is for ISA sea-level conditions. Pipistrel reserves the right to revise this data sheet whenever occasioned by product improvement, government/authority regulations or other good cause.



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