



# 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.



VELIS Club is a great **towing plane** which enables very short towing cycles and reduces the towing costs of gliding to a minimum, thanks to **superb climb rates** as the result of the unique combination of lightweight structure and the **constant-speed propeller**.

**Air brakes** allow for fast descents after glider disconnect and enable rapid turn-arounds.

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

**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**.

|             |   |
|-------------|---|
| <b>19</b> € | <b>FUEL COSTS</b><br>PER HOUR WITHOUT VAT   |
| <b>42</b> € | <b>DIRECT OP. COSTS</b><br>PER HOUR WITHOUT VAT<br>Incl. fuel, maintenance & overhaul |
| <b>48</b> € | <b>TOTAL OP. COSTS</b><br>PER HOUR WITHOUT VAT<br>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.

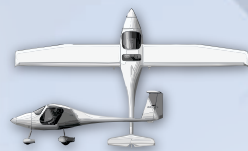


# PIPISTREL

*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 KTAS  |
| Va - Max Operating Maneuvering Speed       | 100 KTAS  |
| Vfe - Max Flap Extended Speed              | 81 KTAS   |
| Vae - Max Airbrakes Extended Speed         | 100 KTAS  |
| Stall speed in clean configuration         | 50 KCAS   |
| Stall speed in landing configuration       | 45 KCAS   |
| Towing limitations                         | Glider up to 600 kg (to meet 500m total take-off distance over 15 m obstacle)             |
| Best climb speed                           | 78 KIAS   |
| Max climb rate                             | 1050 ft/min   |
| Take-off run - grass/asphalt (at SL)       | 453/409 m (1,486/1,342 ft)  |
| Take-off over 50' obstacle - grass/asphalt | 246/241 m (807/791 ft)  |
| Maximum take-off altitude                  | 10,000 ft. MSL  |
| Maximum operating altitude                 | 16,000 ft. MSL  |
| Fuel consumption at 2000ft, 75% MCP        | 18.4 l/hour   |
| Cruise performance at 6000ft, 75% MCP      | 132 KCAS  |
| Endurance at 4000ft, 65% MCP               | 5h 33min (+30 min reserve)  |
| Range at 4000ft, 65% MCP                   | 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                     | 6.45 m (26.5 ft)                                    |
| Span                       | 10.70 m (21.15 ft)                                  |
| Height                     | 2.6m (6.75 ft)                                      |
| Wing span                  | 10.71m (35.10 ft)                                   |
| Positive flaps             | 0°, +9°, +20° ; marked (0), (+1), (+2) respectively |
| Negative flaps             | -5° ; marked (-)                                    |
| Design empty weight        | 340 kg (750 lb)                                     |
| Max take-off weight (MTOW) | 600 kg (1323 lb)                                    |
| Design useful load         | 25 kg (55 lb)                                       |
| Max baggage weight         | 2 x 50 l  |
| Fuel tanks capacity        | 2 x 49 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.*



**CONTACT YOUR LOCAL DEALER**

