

Pipistrel: the freedom of flight



SW 121

EASA CS-LSA certified

The most advanced aircraft in its category



Pipistrel Virus SW 121 is the most advanced CS-LSA class airplane with full Type Certificate from EASA!

Features dual glass cockpit, full-featured 2-axis digital autopilot, air brakes for enhanced descent and is certified for towing with the optional glider-towing equipment.

The certified engine and certified propeller offer excellent performance, short take-off and landing and high cruise speed. Low consumption and the use of mogas lower the operating costs and offer extreme range at small cost!

The Virus SW 121 offers a complete package of excellent performance and NAV/COM/GPS glass cockpit avionics.

ENGINE ROTAX	Rotax EASA certified engine 912S3 100 hp.
PROPELLER	2 blade Hydraulic CS MTV-33-1-A/170-200 EASA certified
DIMENSIONS	
length	6.45 m, 26.5 ft
span	10.70 m, 21.15 ft
height	2.06 m, 6.75 ft
aspect ratio	11,3
positive flaps	0°, +9°, +20°; marked (0), (+1), (+2) respectively
negative flaps	5° marked as (-)
WEIGHTS	
max take off weight (MTOW)	600 kg, 1323 lb
Design usefull load	251 kg, 522 lbs
max baggage weight	25 kg, 55 lb
fuel tanks capacity	2 x 50 l
PERFORMANCES	
Vne - Never Exceeded Speed	163 KTAS
Cruising speed at FL060 (6000 ft) 75% MCP (5500 RPM, 23,3 MP)	132 KTAS
stall without flaps	50 KCAS
Towing limitations	glider up to 600 kg for T/O distance 500 m
max climb rate	1050 ft/min
take off distance at SL	160 m
take off distance over 15 m obstade at SL	320 m
Maximum operating altitude	25,000 ft MSL
OTHER	
Permitted fuel	AVGAS, MOGAS or car fuel (min RON 95; EN228 Premium or Premium plus with max. 10% Ethanol)
fuel consum. at 2000 ft 75% PWR cruisspeed	18,4 l/h
endurance @4000 ft, 65 % power)	5h 33 min (+30 min reserve)
range distance (+ 30 min reserve, @4000 ft, 65 % power)	1189 km / 642 nm

