

External Dimensions

Wing Chord, Constant	1.17 m
Wing Aspect Ratio	8.08
Length Overall	6.25 m
Fuselage Max Width	1.21 m
Height Overall	2.33 m
Wheel Track	1.94 m
Wheelbase	1.51 m
Propeller Diameter	1.72 m
Wingspan	9.45 m

Interior Dimensions

Cockpit Max Width	1.17 m
Cockpit Max Length	1.55 m

Weight and Loading

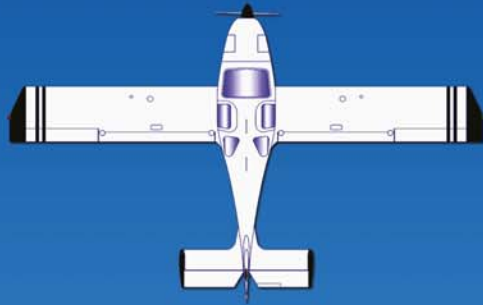
Empty Weight, Equipped	390 kg
Max Takeoff Weight	600 kg
Usable Fuel	2x45 liter
Wing Loading	54.25 kg/m ²
G Limits	+4 and -2

Areas

Wing Gross	11.06 m ²
Ailerons (total)	0.952 m ²
Trailing Edge Flaps (total)	1.54 m ²
Fin	0.96 m ²
Rudder	0.46 m ²
Tail	2.02 m ²
Elevator (total)	0.9 m ²

Pica 2

UL / SPORT AIRCRAFT



Pica 2



TWO - SEAT UL/LSA AIRCRAFT

PICA 2



Pica 2

Pica 2 is a two seat, side by side full composite structure , low wing aircraft, good cockpit design ,layout and space with three blades ground adjustable propeller with good flight handling.

Low Direct Operating Cost (DOC) , Full, Fast and on time after sales services.

This aircraft is designed based on ASTM of USA regulation which allows this aircraft to take more structural load on maneuvers and landing for pilot training.



Application:

- * Pilot Training (UL & Sport)
- * Sport / Touring
- * Recreational Flying.
- * Aero Club Operations.
- * Anti Smuggler Patrol.
- * Border Control.
- * Environmental Control

Performance

Max Level Speed at 14,000 ft. (TAS)	120 Knot (225 km/h)
Stall Speed (Flaps Down)	40 Knot (75 km/h)
Max Rate of Climb	300 m/min (1000 ft/min)
Service Ceiling	14,000 ft. (4265 m)
Takeoff Run (To 50 ft. obstacle)	1000 ft. (305 m)
Landing Run (From 50 ft. Obstacle)	850 ft. (260 m)
Max Range	650 nm (1200 km)



Propeller

Manufacturer : WOODCOMP
 Type : SR200B
 Specifications: WOODCOMP Three Blades On Ground Adjustable Propeller

Power Plant

Engine Manufacturer BRP - Rotax
 Model 912 ULS2
 Max Takeoff Power 100 HP
 Fuel Type Automotive Super 95% Octane Unleaded or Avgas 100 LL

