# VimanaSteel

VimanaSteel S-LSA was designed and assembled using 2024-T3 aluminum and genuine aeronautic rivets, mostly: AN426 and AN470.

The airplane has a Control Stick that allows a stable and comfortable flight experience.

It has autonomy for long flights thanks to 112l (29.6 gallons) of fuel capacity.



# **PROPELLER**



- Rupert Propeller 68" x 62"
- Material : Wood and Resin
- ★ Two Blades

### **ENGINE**



- ★ ROTAX 912 ULS 100HP
- Cooling: Liquid/ Air
- Fuel Delivery: Dual Carbs
- **TBO Hours: 2000**

# **AVIONICS**



- EFIS DYNON
- ICOM Radio
- → GARMIN GPS
- ☆ GARMIN Transponder

#### SPECIFICATION

Seatings: 2 (Side by Side)

Span: 10m (32,8 ft)

Lenght: 6,3m (20,7 ft)

Height: 2,2m (7,2 ft)

Maximum Take

Off Weight: 600kg (1322,8lb)

Wing Loading:  $51 \text{ kg/m}^2 (10,4 \text{ lb/ft}^2)$ 

Motor: Rotax 912 ULS (100HP)

Propeller: Rupert 68 inch

Baggage

Allowance: 10 kg (22lb)

Fuel Capacity: 112 l (29,6 US gal)

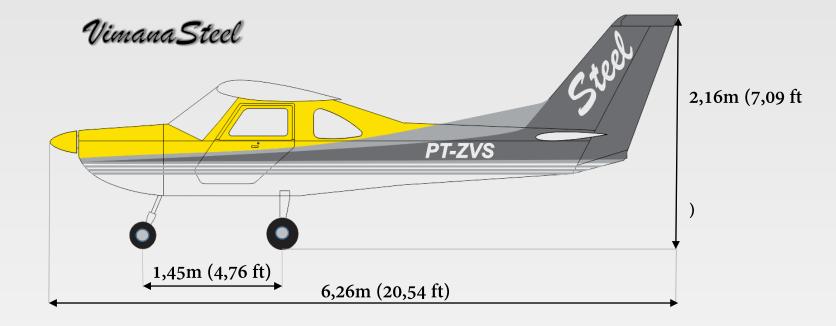
#### PERFORMANCE

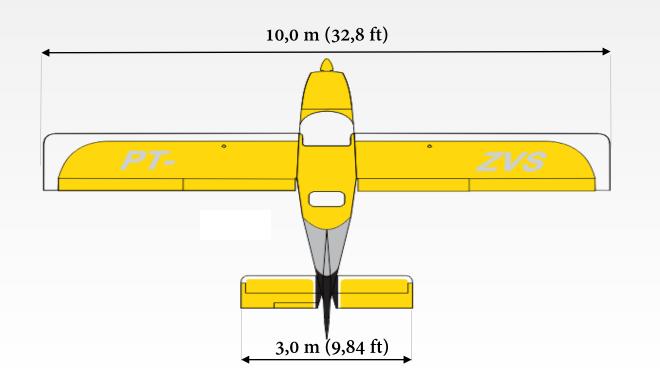
Max. Cruise Speed: 220km/h (119 KIAS)

Cruise Speed: 194km/h 105 KIAS)

Take Off Distance: 250m (820,2 ft)

Landing Distance: 200m (656,1ft)









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