

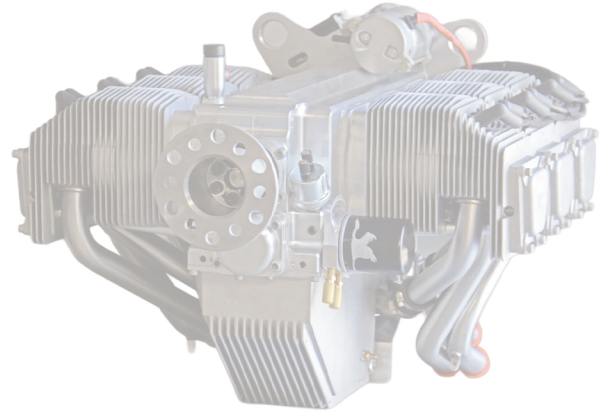
# VORPALINE

3-blade Ground-Adjustable Carbon Propellers for Jabiru 2200 & 3300 engines



## Technical Overview

- 3-blade ground-adjustable pitch - scimitar design
- Full Carbon blades with Titanium leading-edge protection
- Direction of Rotation: CW
- Specifically designed for Jabiru 2200 & 3300 engines



## Key Data

- Diameter: 152 cm / 59.8"
- Weight: 2.5 kg / 5.5 lb
- Max RPM: 3300
- Moment of Inertia: 1600 kg.cm<sup>2</sup>
- TBO: 2000 hours
- Carbon Spinners: 15 diameters (from 210 to 380 mm)
- Integrated Carbon Spacers: from -20 to +170 mm

## Advanced Engineering

Multi-objective optimization for high aerodynamic efficiency, minimal weight, superior strength & reduced acoustic signature

Advanced airfoil optimization using evolutionary algorithms

Carbon + Titanium materials for long-term durability

Scimitar blade geometry for reduced noise and vibration

## Why choose VORPALINE

- **Full Carbon with Titanium leading-edge protection:** light and strong
- **Low moment of inertia:** less stress on the crankshaft, smoother engine behavior
- **Reduced noise:** scimitar geometry and multi-objective aerodynamic design
- **Exceptionally smooth:** blade geometry specifically tuned for Jabiru harmonics - near-zero vibrations
- **E-Props ESR® Effect:** more thrust at takeoff and higher cruise speed - variable-pitch-like-performance across the full RPM range, so you can focus on flying.

## Availability

### VORPALINE - Available from Summer 2026

Optimized for Jabiru 2200 & 3300 engines, the 3-blade VORPALINE fully exploits the potential of these engines, enhanced by the E-Props ESR® Effect. The result: smoother operation, higher thrust efficiency, and maximum usable power across the full RPM range.



Advanced Carbon Propellers  
Light is Right - Strength is Core