

GLORIEUSE

Range of Constant Speed Carbon Propellers for all Rotax 912 to 916iS

Technical Overview

- 3-blade in-flight variable pitch / Constant Speed
- Complete E-Props system: propeller + spacer + spinner + governor + regulator
- Full Carbon blades with Titanium leading-edge protection
- Direction of Rotation: CW
- Design following EASA CS-P standards
- Designed for Rotax 912 / 912S / 912iS / 914 / 915iS / 916iS
- For gearbox configurations 2 (electric) and 3 (hydraulic)
- For 915iS / 916iS: only configuration 3
- Can be installed on high-performance Rotax-based engines (Edge Performance, EPA Power...)
- Can be used with other governors (Jihostroj, MT...) and regulators (Flybox...)

Only 4 kg
for **Glorieuse 175cm**

Key Data

	GLORIEUSE-C8	GLORIEUSE-C9
For engines	Rotax 912, 912s, 912iS & 914 (up to 157 hp)	Rotax 915iS & 916iS (up to 185 hp)
Gearbox ratio	2.27 & 2.43	2.54
Diameter	160 to 190 cm (each 5 cm) 63" to 74.8" (each 2")	170 - 175 - 190 - 210 cm 68.8" - 74.8" - 82.7"
Moment of inertia	2600 kg.cm ² (for Ø 175 cm)	2700 kg.cm ² (for Ø 175 cm)
TBO	2000 h	2000 h

Common specifications:

- Complete system weight: only 4 kg / 8.8 lb (propeller + spacer + spinner + governor + regulator)
- Carbon Spinners: 14 diameters (from 230 to 380 mm)
- Integrated Carbon Spacers: from -10 to +170 mm

Advanced Engineering

Hydraulic governor with electronic management
Weight reduced where it matters. Strength preserved where it counts.
Advanced airfoil optimization using evolutionary algorithms
Carbon + Titanium materials for long-term durability

Only 59.5 dB(A)
for **Glorieuse 175cm**

Why pilots choose GLORIEUSE

- True Constant Speed - pitch adjusts automatically and continuously for every flight phase
- Maximum power at takeoff - propeller always at its optimal angle, never a compromise
- Fuel economy in cruise - lower RPM, reduced fuel consumption, quieter operation
- Ultra-light complete system - only 4 kg / 8.8 lb
- The lightest variable-pitch propeller system in the world
- Design following EASA CS-P standards (certification scheduled for 2027)

"A huge BRAVO for this exceptional propeller which allowed the Blackwing to fly at 435 km/h (235 kt)! Amazing!" **Over 1,200 verified pilot reviews on e-props.fr** - a level of feedback rarely seen in propeller industry



Advanced Carbon Propellers
Light is Right - Strength is Core