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# ASCALON for Lycoming & Continental

Light - Strong - Efficient - Silent Propellers

## ASCALON : Range of Ground-Adjustable Pitch Propellers

2-blade & 3-blade models

Full Carbon with Titanium Leading Edge Protection

Compliant with **EASA CS-P** & **FAA 14 CFR Part 35**

For Direct-Drive Engines

- 4-cylinder  $\leq 210$  hp
- 6-cylinder  $\leq 270$  hp

Optimized for Lycoming & Continental engines

ESR effect : Extended Speed Range

Diameters : 140 to 210 cm

Weights :

- 2-blade = 6 kg
- 3-blade = 7 kg

Max RPM = 3300

Moment of Inertia =  $0,6 \text{ kg.m}^2$  [for  $\Phi$  190 cm]

Noise reduction : 4 dBA (measurement relative to a standard propeller on an aircraft equipped with exhaust silencers)

Carbon Spinners :  $\Phi$  from 260 to 380 mm

Carbon Integrated Hub Extension : from -15 to 230 mm



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



Ascalon  $\Phi$  193 cm on Pena Bilouis with Lycoming O-360 180 hp  
(Nov 3, 2025 : already 20 test hours)

**E-PROPS : fly fast, fly safe**