

## CARBON PROPELLERS for PARAMOTORS



- x PLUG'n'FLY: **Hi-Tech Carbon Propellers** for paramotors & light airplanes
- x The **world's lightest propellers**
- x Very strong: **100% in carbon braid**
- x **Made in France** since 2008
- x E-PROPS production: **75,000 blades / year**
- x Propellers sold in more than **80 countries**
- x **ASTM F2506-13** certified, Type certificate of the Light Aircraft Association of the Czech Republic
- x For all gear-drive engines or electric motors, from **8 to 50 kW**
- x **Thousands of models:** 2-blade, 3-blade, 4-blade & 6-blade
- x Diameters : from **115 cm to 160 cm** (5 cm steps)
- x Models each **0,5° pitch** and in **both rotation senses** (CW & CCW)
- x **Max RPM: 3.000** (RPM measured at propeller = max engine RPM / reduction ratio)
- x Dynamic gap: up to **20 mm** (the blade can move towards the engine at max power)
- x Max tracking: **12 mm**
- x **Traceability:** unique Serial Number (6 numbers) on each blade => possibility to change one blade without having to send back the other(s), of course with keeping the balancing
- x Assembly & Tightening with a tightening plate (plate of same diameter as the hub)

**Torque** of the screws:

|          |              |               |
|----------|--------------|---------------|
| Screws Ø | 6 mm         | 8 mm          |
| Torque   | <b>8 N.m</b> | <b>16 N.m</b> |

- x **Maintenance:** check screws tightening every 25 flight hours or every 3 months. Clean the propeller after each flight.

**Luboš Halama – Safe & Happy Flight**

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**E-PROPS: Light is Right**