Press Release (December 4, 2025)

Dragonfly Paramotor: Electric Multi-Motorization Enters the History of Ultralight Aviation

A Major and Logical Innovation for Light Aviation

Dragonfly is a counter-rotating twin-engine electric paramotor designed by Christophe Martz. This pioneering project embodies a new generation of ultralight aircraft: **safer, more efficient, and environmentally friendly.**

Stability, Safety, and Pilot Enjoyment

Thanks to its two counter-rotating propellers, Dragonfly eliminates the unwanted effects of engine torque and gyroscopic forces. Thrust remains perfectly straight, enabling shorter take-offs, smoother climbs, and an exceptionally gentle flight. Piloting becomes more intuitive, with fewer corrections and reduced fatigue, offering sensations **close to pure paragliding**.

Dragonfly integrates redundant electronic control systems and active algorithms: automatic shutdown in case of engine failure, and instant cut-off if abnormal movement is detected. These features, validated in more than 70 test flights, ensure enhanced safety.

Unprecedented Energy Efficiency

Dragonfly achieves a **40% reduction in energy consumption** compared to an equivalent single-engine paramotor. In cruise, average consumption ranges between 3,000 and 3,500 W, versus 5,000 to 6,000 W for a conventional unit. With 3 kWh of batteries, endurance reaches about one hour in level flight—without fuel, vibration, or noise.

Official Recognition

In early 2025, Dragonfly obtained a **Permit-to-Fly issued by the French Civil Aviation Authority (DGAC)**, marking a decisive regulatory milestone. This recognition paves the way for the gradual integration of electric multi-motor systems into the French legal framework.

A Supported Adventure

Since 2021, three prototypes have been developed and showcased at major events: **Coupe Icare, Mondial ULM, and Club France at the Paris 2024 Olympics**. Supported by BPI France and the Grand Est Region, the project is now entering its industrial phase. A pre-order campaign is planned soon, allowing pilots to reserve the first units and actively contribute to the rise of high-performance electric flight.

Towards Cleaner and Safer Light Aviation

Dragonfly demonstrates that electric multi-motorization is not a utopia but a logical evolution of light aviation. It combines **safety, energy efficiency, ecology, and the joy of flying**. More than a prototype, Dragonfly is a tangible vision of a cleaner, safer, and more accessible sky.

Contact

Christophe Martz +33 7 71 77 73 73 ✉ info@dragonfly-paramotor.fr / dragonfly-paramotor.fr
Social Networks: Facebook | YouTube | Instagram | LinkedIn | TikTok