VOLOCOPTER LAUNCHES VOLOXPRO - AN ELECTRICALLY POWERED ULTRALIGHT MULTICOPTER FOR AIR SPORTS AND PROFESSIONAL PASSENGER TRANSPORT

News / Manufacturer

Volocopter presents newly developed VoloXPro aircraft — an electrically powered ultralight multicopter. Target groups in Europe include flight schools, flying clubs, air sports enthusiasts, and sightseeing flight operators. Internationally, the VoloXPro is intended for use as an air taxi in professional passenger transport. Certification as an ultralight aircraft is planned for Germany at the end of 2026, alongside parallel approval processes in other European countries.

The VoloXPro is a completely new development by Volocopter, based in Bruchsal (Baden-Württemberg). It promises emission-neutral and low-noise multicopter flying for a wide range of users and applications. Its innovative platform concept enables Volocopter to offer the VoloXPro in different technical configurations depending on the intended use and customer requirements.

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The VoloXPro features a modular design. It incorporates components already developed for the VoloCity, designed for air taxi operations as well as medical and police transport. This results in an exceptionally high safety structure comparable to the reliability of a commercial airliner. This extraordinarily high safety standard is new in Germany's ultralight aircraft category. In addition to its high safety level, the modular design also allows Volocopter to achieve attractive pricing for operators and private individuals. The shared use of technical components between the VoloCity and VoloXPro, combined with ultralight certification, significantly reduces costs.

Technology and configuration

Thanks to its modular design, the VoloXPro enables numerous technical con- figurations and equipment variants — from single-stick control and cost-efficient minimalist cockpit options to high-end versions for professional operators.
Air sports enthusiasts can assemble their multicopter from features such as a single-screen glass cockpit, assistance systems (e.g., collision warning), interior design elements, customizable exterior paintwork, fast charging, and various battery options.

David Bausek - CTO Volocopter commented: "With the ultralight VoloXPro, electric multicopter flying at the safety standard of a passenger aircraft — at the price of a luxury car — will become possible for private customers and commercial operators. Thanks to the fly-by-wire control system, flying is easier than ever before, and all of it is low-noise and emissions-free."

VoloXPro sets a new benchmark in powered?lift pilot training, combining advanced flight?assistance technology with aviation?grade safety standards. Designed for both aspiring pilots and professional training organizations, it enhances situational awareness, reduces pilot workload, and delivers stable, repeatable flight performance.
Beyond conventional training, VoloXPro prepares pilots for the demands of next?generation aviation. Its fully electric propulsion and fly?by?wire architecture enable a seamless transition to emerging eVTOL aircraft—bridging today's training environment with the future of advanced air mobility.

Volocopter and Diamond Aircraft worked intensively on the new development throughout 2025. They modularized their product portfolio, realigned the supply chain, and optimized individual components. The result is the VoloXPro: a strictly market-focused new development incorporating all know-how from previous generations. At AERO 2026 in Friedrichshafen, the VoloXPro will be introduced to industry experts and the general public for the first time.

Facts:

Fully electric
2 seats
18 rotors
70 km/h cruise speed
40 km max. range
Market entry end of 2026
600 kg MTOM with 154 kg payload

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