EVE AIR MOBILITY SELECTS BETA TECHNOLOGIES AS PUSHER MOTOR SUPPLIER

News / Manufacturer



Eve Air Mobility selected BETA Technologies to supply electric pusher motors for its conforming prototypes and production aircraft. With a current backlog of 2,800 eVTOLs, Eve is strengthening its supply chain through this collaboration. The agreement represents a potential 10-year opportunity for Beta of up to USD $1 billion and reinforces Eve's commitment to proven technologies and dedication to exceeding mission requirements. The agreement follows an initial evaluation period in which Eve purchased, tested, and validated the performance of BETA motors in its Engineering Prototype in anticipation of its first flight, which is expected to take place late this year/early 2026.

Johann Bordais, Chief Executive Officer of Eve Air Mobility commented: "Integrating Beta Technologies into our supply chain is a pivotal milestone in advancing our eVTOL program. Their

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electric motor technology will play a critical role in powering our aircraft during cruise, supporting the maturity of our propulsion architecture as we progress toward entry into service. This collaboration underscores our commitment to working with suppliers who share our rigorous safety standards and deliver proven engineering solutions—driving performance, efficiency, and sustainability as we bring urban air mobility to life."

BETA CEO and Founder, Kyle Clark stated: "We're excited to work with Eve Air Mobility and supply our electric propulsion technology to their production program. Our pusher motors have already proven high performance and reliability in thousands of demanding real-world operations across the globe, and our manufacturing capability will allow us to deliver these systems at scale to support Eve's aircraft. This collaboration is another step in moving electric aviation toward commercialization and adoption."



BETA designs and manufactures its proprietary electric propulsion systems, offering industry-leading power-to-weight ratios and energy-conversion efficiencies. The simple designs feature segment redundancy and significantly fewer parts than traditional aircraft engines, translating into high safety and low cost.

The selection of BETA Technologies underscores Eve's commitment to selecting as suppliers leading aerospace innovators to power its conforming prototypes and production aircraft. BETA's proven expertise in electric propulsion systems and its commitment to robust, high-performance designs were key factors in this strategic supplier addition.

Through this supplier agreement, BETA joins an elite group of legacy suppliers supporting Eve's development, including U.S.-based leaders such as BAE Systems for batteries, Garmin for avionics, Honeywell Aerospace for external lighting, Intergalactic for thermal management, and Nidec Aerospace for lifter motors.

Eve's eVTOL aircraft uses a lift + cruise configuration with eight dedicated propellers for vertical flight and fixed wings for cruise, with no moving parts in flight. The aircraft features an electric pusher powered by dual electric motors, providing propulsion redundancy and ensuring the highest levels of performance and safety. Additionally, this configuration allows separate systems to be optimized for each flight phase, simplifying maintenance, reducing operational costs, and minimizing the sound footprint.

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The company is advancing the current stage of the eVTOL development, which involves a series of comprehensive tests with the prototype to evaluate every aspect of the aircraft's operation and performance, from flight capabilities to safety features.

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