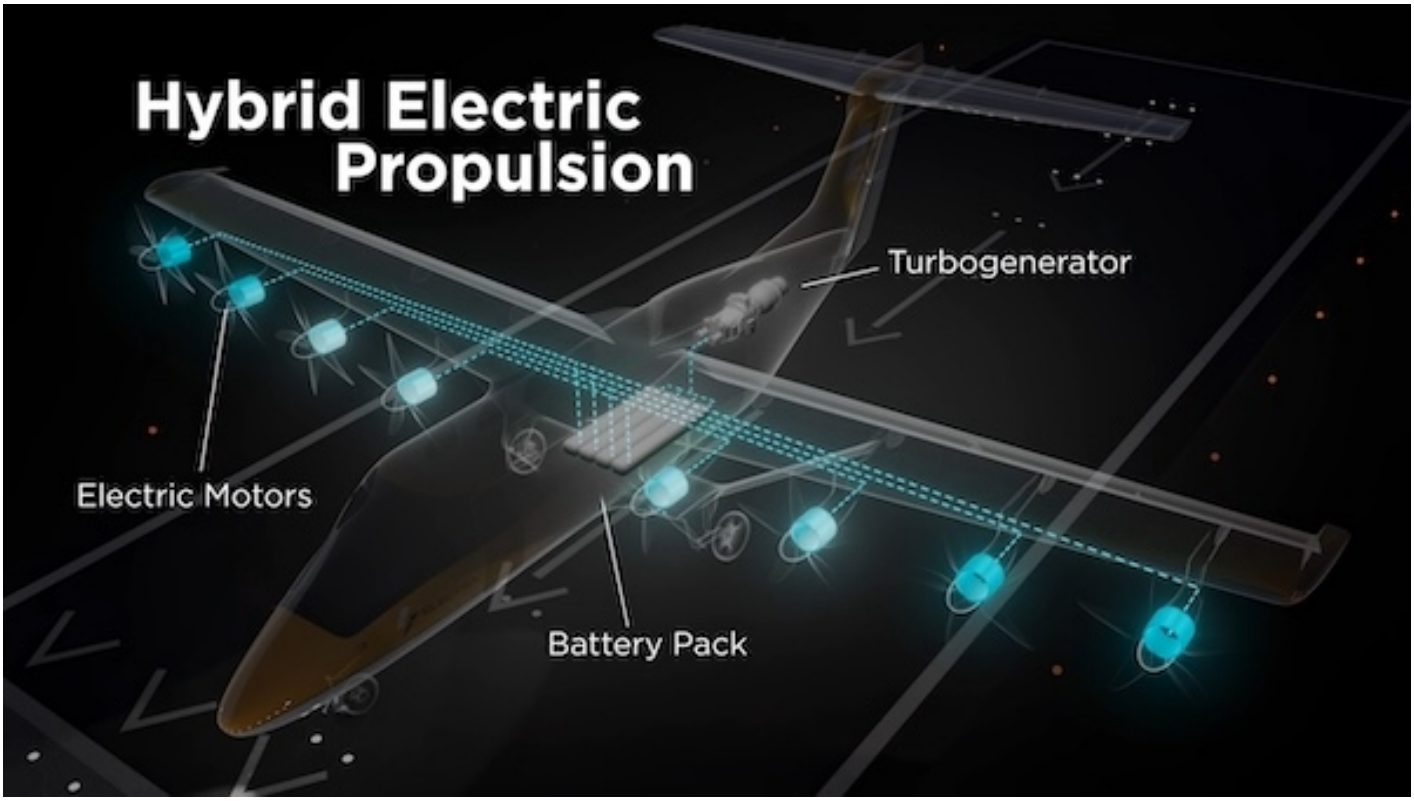
ELECTRA SELECTS EVOLITO TO SUPPLY ELECTRIC ENGINES FOR THE EL9 ULTRA SHORT HYBRID-ELECTRIC AIRCRAFT

News / Manufacturer



Electra has selected Evolito to supply the electric propulsion units for Electra EL9 Ultra Short hybrid-electric aircraft that takes off and lands in 150 feet (45 meters).Evolito will provide Electra with high-performance EPUs that integrate lightweight motors, high-integrity motor controllers, and advanced thermal controls. Engineered for aerospace-grade reliability and efficiency, these EPUs drive the eight propellers along the edge of the EL9's wing. This distributed electric propulsion system enables the EL9's ultra-high lift, delivering low airspeeds and precision landings.

Marc Allen, CEO of Electra commented: "Our production contract with Evolito is a significant step forward for our vision for Direct Aviation—safe, quiet, and affordable air mobility that connects communities in ways never before possible. Evolito's lightweight, durable, and cost-effective design will provide exceptional long-term value for operators through low maintenance, long life, and proven reliability."

Dr. Chris Harris, CEO and Co-founder of Evolito stated: "We are thrilled to partner with Electra on the EL9, a game-changing aircraft that aligns perfectly with our mission to accelerate the transition to sustainable aviation. Our engine technology is designed for type-certification and scalable production, making it ideally suited to support Electra's vision for clean, accessible, and efficient

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regional air travel."

JP Stewart, Electra's Senior Vice President, Product Development stated: "Evolito's EPUs deliver exceptional performance and reliability on a technology chassis with a proven heritage."



Electra nine-passenger EL9 Ultra Short combines patented blown-lift technology and distributed electric propulsion to take off and land in just 150 feet (45 meters), dramatically reducing noise and emissions while unlocking thousands of new access points for air service. Using electric engines to blow air over the wing and large flaps significantly increases wing lift at very slow speeds, allowing the EL9 to take off and land in just 1/10th of the space needed by conventional aircraft. Powered wind tunnel tests of the EL9's blown wing have validated lift coefficients greater than 20, or seven times greater than the range typical of unblown wings.

With the EL9, Electra is pioneering Direct Aviation, a new model of regional air mobility that saves travellers time, maximizes existing infrastructure, and connects underserved communities. The first test flights are planned for 2027, with certification and commercial service entry anticipated in late 2029, into 2030 under FAA Part 23 regulations. With over 2,200 pre-orders from more than 60 commercial customers worldwide, including both airlines and helicopter operators, the EL9 is already one of the most in-demand aircraft in the advanced air mobility sector.

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