ALL-ELECTRIC ALICE AIRCRAFT PREPARES FOR THE INAUGURAL FLIGHT

News / Manufacturer

Eviation Aircraft unveiled the design for its Alice all-electric aircraft, which is on track for first flight later this year. The production configuration, optimized based on real-world lessons learned and customer feedback, defines Alice's path to certification and entry into service expected in 2024. Alice, a nine-passenger, two-crew member aircraft, produces no carbon emissions, significantly reduces noise, and costs a fraction to operate per flight hour. The aircraft is powered by two magni650 electric propulsion units from magniX , the only flight proven electric propulsion systems at this scale.

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The advanced fly-by-wire system is made by Honeywell, the market leader in such systems. The single-volume, high-energy density Alice battery system is made from currently available battery cells and is not reliant on future advancements. These proven technologies and design elements make it easy and reliable for pilots to seamlessly transition to flying the Alice and will create a superior passenger flying experience, accelerating the aircraft's path to market.

"Sharing our production Alice design is a special day for Eviation and our partners. It also represents a final step in our iterative journey toward Alice's first flight," said Eviation CEO Omer Bar-Yohay. "Electric aviation will continue to open up new possibilities for affordable, sustainable regional travel around the world. Alice is poised to turn that possibility into reality soon."

"Alice is a beautiful aircraft and represents the future of flying, plain and simple," said Eviation Executive Chairman Roei Ganzarski. "Add in zero emissions, less noise, and significantly lower operating costs, and communities will be connected like never before starting sooner than you think."

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04 JULY 2021

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