

NEW FLYING VEHICLE CONCEPT FOR FUTURE URBAN AIR MOBILITY BY EMBRAERX

News / Manufacturer



Welcome a new electric flying vehicle concept by EmbraerX!?

The aircraft concept, with electric vertical take-off and landing capability, known as eVTOL, is part of the EmbraerX multi-project approach. Embraer's disruptive business subsidiary is working on a collaborative effort to enable and accelerate the urban mobility ecosystem.

“As a market accelerator committed to developing solutions to transform life's experiences, we have been combining human-centered design thinking with our 50-year history of building and engineering expertise in a unique manner. These are the factors behind the technical progress and leading-edge innovations we are bringing to this new eVTOL concept,” said Antonio Campello, President & CEO, EmbraerX.



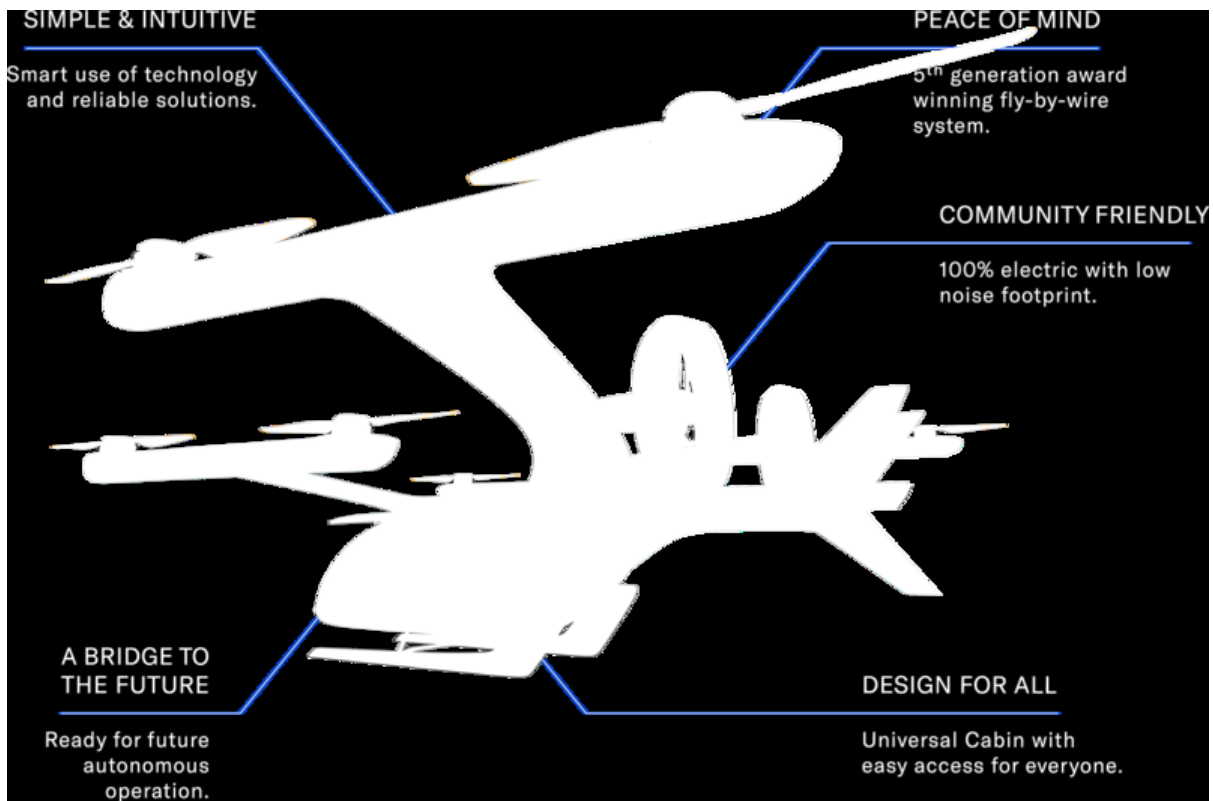
EmbraerX's human-centric approach has been instrumental in the eVTOL project, focused on user experience and passenger peace of mind, with the goal of making the aircraft easily accessible to every person.

This new aircraft concept results from a broad range of tests and simulations, aiming at operational optimization for the urban environment, considering high reliability, low operating costs, a lower noise footprint, fully electric powered and progressively autonomous.

"Embraer's team focused on the customer experience with their latest vehicle concept, using built-in redundant systems to achieve optimal safety, while also achieving low noise output with an eight rotor system, which enables span-wise lift. Our team looks forward to continued collaboration with the Embraer team to achieve a quiet, green, and safe, aerial ridesharing vehicle," said Mark Moore, Engineering Director of Aviation, Uber.

EmbraerX is also engaged in a variety of tailored solutions for the ecosystem, including a new business platform, named Beacon, designed to foster collaboration and synchronize aviation services companies and professionals in a streamlined and more agile way, to keep aircraft flying.

Additionally, in partnership with dozens of air traffic controllers, academics, pilots and industry experts, EmbraerX has proposed a very practical, simple and robust urban air space design to allow more aircraft to fly in urban environments.



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