



CARTER AVIATION TECHNOLOGIES

An Aerospace Research & Development Company

FOR IMMEDIATE RELEASE

CARTER AVIATION RELEASES UPDATED AIR TAXI CONCEPT ON WEBSITE

August 28, 2018 (Wichita Falls, TX) – Carter Aviation Technologies (Carter) has been busy refining their Electric Air Taxi concept, and has created a new section on their website with details on the aircraft:

http://www.cartercopters.com/ehat_45.html

The Carter Air Taxi is a clean sheet design for the Uber Elevate air taxi project. Uber has developed a challenging set of requirements for their project, including hovering vertical takeoff and landing (VTOL) combined with efficient cruise at ~175 mph, low noise, and eventual full autonomy (although Uber expects initially to have a pilot onboard). Carter's electric air taxi meets all these requirements. It's an ultra-quiet, electrically-driven air taxi for the intra-city market, with 175 mph cruise, carrying up to 5 passengers, capable of full hover operations. And with a high inertia rotor to act as a built-in parachute, only better because it works at any airspeed or altitude (no dead man's zone), along with redundant mechanical flight control linkages and Carter's extreme energy absorbing landing gear, the aircraft offers unparalleled safety. A hybrid gas turbine option could extend the aircraft's range for additional markets.



Electric CarterCopter Air Taxi Concept



*Air Taxi on Display at VFS Forum 74
Photo Credit: Vertical Flight Society*

Carter has been showing off this concept across the country. They traveled to Los Angeles to display a 1/9th scale model in the model garden at Uber's second annual Elevate Summit. Just like the inaugural summit in Dallas, this year's summit was a great event, bringing together many of the key players in the emerging urban air mobility market. Carter also had an exhibit booth at the Vertical Flight Society (VFS – previously American Helicopter Society) Forum 74 in Phoenix. The VFS annual forums are the world's leading international technical event on vertical flight technology.

The [Carter website](#) includes much more detail on the Electric Air Taxi, including specs, performance, an image gallery, and even a video showing the aircraft being flown in the physics-based X-Plane flight simulator. Carter's [homepage](#) also has a [new intro video](#), which includes a sneak peek of the Air Taxi.

More information on the Uber Elevate Summit can be found at the [Elevate Summit homepage](#). More information on the VFS Forum is available at [VFS Annual Forum](#).

About Carter Aviation Technologies, LLC.

Carter Aviation is a Wichita Falls, Texas based aerospace research and development firm that has developed and demonstrated its Slowed-Rotor/Compound (SR/C™) Technology. More information is available at www.CarterCopters.com. To discuss any of the foregoing or schedule a visit to Carter Aviation's facilities, please contact Jeff Lewis at Jeff.Lewis@CarterAero.com.

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