

Jetoptera Closes Engine Agreement with GE for Startup's Flying Vehicles

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Partnership will allow Jetoptera to optimize its revolutionary Fluidic Propulsion System in another bold step toward powerful mass-market flying vehicles

On September 19, 2018, Jetoptera announced its agreement with GE Aviation to demonstrate a 500-pound force class Fluidic Propulsion System leveraging a gas generator based on GE Aviation's H-Series turboprop engine. [Jetoptera](#) is an aviation startup company aiming to revolutionize the way people and products move through the development of powerful unmanned aerial vehicles (UAVs) and realistic flying cars. The agreement with GE Aviation will further the development of Jetoptera's fully customized gas generator that will lead to a full flight demonstrator.

Jetoptera's Fluidic Propulsion System is an approach to producing thrust for powerful, vertical takeoff and landing (VTOL) aircraft. The distributed propulsion system and novel airframe create a lighter, more efficient, and less complex aircraft than has been produced to date in the aviation industry. The technology enables VTOL, high speeds, substantial range, sizable payloads, and maneuverability.

The implications are remarkable for industries involved in the transportation of products and people, collection and use of imagery, and deployment of sensing technologies. For the drone-power solutions market that PwC values at over \$127 billion in commercial applications across a wide range of industries, Jetoptera offers power, speed, and distance capabilities that battery-powered drones cannot match.

These capabilities will prove particularly valuable as a transportation solution in congested urban environments. According to the [press release](#), this is a "unique opportunity for

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GE to participate in the burgeoning development of the urban air mobility,” said Michele D’Ercole, President and Managing Executive of GE Aviation Czech, Business and General Aviation Turboprops.

Foster Pepper was pleased to represent Jetoptera in this matter.