

Press Release 10/18/19.

On October 15, 2019 a full-size stand of the wing console with vertical takeoff and landing [Flyter PAC VTOL 720-200](#) was successfully tested with the participation of the company [Milandr SM](#) on the basis of the Test laboratory "Orlovka" [JSC "Concern International air navigation systems](#).



During the tests, the high efficiency of the propeller hoisting groups located under the wing was established. The data obtained in the experiment is being processed, and a conclusion will be issued on the test results.

Electric motors and controllers of our own design were provided by Milandr SM, a developer of power drive systems. The chief designer of Milandr SM Vladimir Petrov helped in choosing the drive scheme and control algorithms.

The company Milandr SM is a developer of electric machines and power electronics, has confirmed its interest in the development of special electric motors for Flyter aircraft with high reliability and specific power.



The Flyter team thanks Sergey Zhukov for support (co-director of the Aeronet, director of the Aeronet Research Center), the management and staff of the Orlovka Test Laboratory, the chief designer of Milandr SM Vladimir Petrov, the Helix company for the best propellers in the world, and Alexander Medvedev for the sensors weight.

Recall that the layout of the lifting propellers under the wing and tail is the original solution of the Flyter startup, and a patent application has been filed for the location of the propeller-lifting groups. Flyter is creating a family of universal aircraft with vertical take-off and landing, capable of transporting people and cargo to hard-to-reach areas in unmanned or manned mode at a distance of up to 900 km in a hybrid version and 165 km in an electric version.

