

Flyter creates testbench.

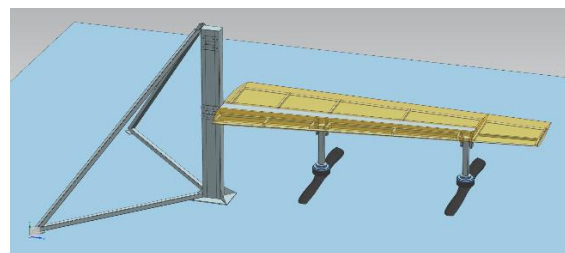
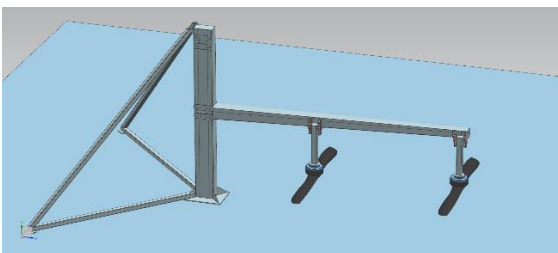
The assembly of the stand, which allows to model the console of the wing of the Flyter 720-200, continues. In the near future, static tests of the stand design will be carried out, after which painting and installation of the equipment will be performed.



Helix propellers with outstanding characteristics were purchased for the experiments: a screw with a diameter of 1.5 meters creates thrust of 100 kg with a required shaft power of only 17 kW!



The stand is designed to test the effectiveness of propeller groups and demonstrate the **flyt-effect**. As a result of the tests, it is planned to visually demonstrate the thrust of free propellers located under the beam spar, and the thrust of the propellers shaded by the wing console.



If the tests are successful, it will mean practical confirmation of the effectiveness of the selected scheme of the aircraft vertical takeoff and landing, which is the basis of the Flyter startup, and allows you to get some advantages over other known schemes.

An application for the invention has been filed with the device for the location of the lifting screws; preparations are underway for filing an international PCT application. We are also working on the optimization of aerodynamics, work on the elements of the aircraft vision system. A conceptual study of the older model Flyter with a loading capacity of 400-500 kg has been launched.