



## New jet getting ready for take-off

March 7, 2014

**FLARIS LAR 1, the lightest jet on the market with characteristics of a glider, has once again completed yet another series of tests. This is yet another step closer to its maiden flight. The jet is to soar the skies as soon as this year.**

The FLARIS LAR 1 jet has completed the following tests this year:

- torsional stiffness of ailerons
- torsional stiffness of rudder
- torsional stiffness of horizontal stabilizers
- stiffness of elevator steering mechanism

The tests were performed in the laboratory of the Military University of Technology in Warsaw. Once again the tests were very successful. Earlier, the aircraft successfully passed wing strength tests and completed laboratory tests of the main undercarriage

*- I am very satisfied with the test results as, once again, they have confirmed our assumptions. We can rest assured that the plane will be reliable – boasts Rafał Ładziński, the director of the Flaris project and manufacturer of the jet.*

The innovative solutions used by its manufacturer make FLARIS LAR 1 exceptionally light-weight, but also very safe and durable. The takeoff mass of the plane is merely 1500kg, which makes it almost 50% lighter than similar structures of competitors. The entire structure of the plane was built using certified pre-impregnated carbon fibers.

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FLARIS LAR 1 is a single-engine jet with a light-weight composite structure. It belongs to a new category of small business jets, which are ideal for those who need to travel quickly for business or leisure. It combines opposing characteristics: the ease of flying, which is typical for ultralight planes, and performance typical of jets: speed and range. The worldwide innovative solutions implemented in the plane structure are protected by 8 patents obtained by the Metal-Master company, which manufactured this innovative aircraft.

**For more information and photographs, please visit the website:**

[www.flaris.pl](http://www.flaris.pl);

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**You can also visit us at: [www.facebook.com/FlarisLar1](https://www.facebook.com/FlarisLar1)**

