



## Wing of innovative Flaris goes through tests

November 26, 2013

**Strength test were performed on the wing of the FLARIS LAR 1 jet aircraft in the Military University of Technology in Warsaw. – *The tests were successful* – confirms Rafał Ładziński, the owner of the Metal-Master company, which manufactured the jet.**

The composite structure of the wing of FLARIS LAR 1 plane was subjected to 100% static loads. During the static test, the measurements of deformations and displacements in selected points confirmed the assumptions of the aircraft’s engineers.

The successful result of the tests is even more important due to the fact that the wings of FLARIS are one of the highlights of the plane, which distinguish it on the market. Rafał Ładziński is very glad – *even with their exceptionally light-weight structure, the wings still meet all the required safety standards. The wings of our jet not only guarantee its great performance, but are also detachable. This makes it easier to transport and store FLARIS.*

The entire structure of the plane was built using state-of-the-art technologies from certified pre-impregnated carbon fibers. The innovative solutions 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.

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FLARIS LAR 1 is a single-engine business jet with a light-weight composite structure. It belongs to a new category of small, ultralight jets which are ideal for those who need to travel in 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:**

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