



25 June 2013

Polish jet conquers the world of aviation

The world premiere of the Polish jet aircraft FLARIS LAR 1 took place during the recently concluded 50th International Paris Air Show Le Bourget.

- Our stand was visited by a great number of potential buyers – both individuals and institutions – says Rafał Ładziński, the leader of the research and development team, director of the Flaris project and co-owner of the Metal-Master company which built the plane – We are very happy about the growing popularity of Flaris. We would also like to thank for enormous support and kind words from everyone.

The plane successfully completed first ground tests. FLARIS LAR 1 will make its maiden flight later this year. –We want to commence production next year. We will start by manufacturing up to 10 planes per year. Later this number will increase to dozens –says Rafał Ładziński.

Next year we are planning to obtain S1 certificates for two planes, followed by EASA and FAA certificates for Flaris Lar 1 within approximately 3 years. The airplane will hit the market next year in the S1 category.

FLARIS LAR 1 is the world's first family and business jet which was manufactured using the latest pre-impregnated carbon technology. Thanks to innovative solutions, the structure is exceptionally light-weight and very strong.

FLARIS LAR 1 is a globally unrivaled very very light jet, which could soon become the showpiece of the Polish aviation engineering thought. This uncompromising mean of transport and globally unrivaled product may become Poland's export hit.

– What makes our project advantageous is innovation. FLARIS LAR 1 is an innovative structure on a worldwide scale. There is no plane like this one – underlines Rafał Ładziński.

During the 50th International Paris Air Show Le Bourget, the Flaris Lar 1 stand was visited by Tomasz Orłowski – the Polish ambassador in France and Monaco Principality, the deputy minister for National Defence General Waldemar Henryk Skrzypczak, and MPs: Waldemar Jan Sługocki, Jerzy Materna, Adam Krzysztof Kępiński, Piotr Paweł Ołowski – president of the Civil Aviation Office and member of parliament professor Krzysztof Jan Kurzydłowski – Director of the National Center of Research and Development, representatives of the Canadian Embassy and others.

The 50th International Paris Air Show took place from 17 to 23 June 2013.

zespół Flaris LAR 1 / METAL MASTER



Metal-Master
ul. Nowa 4
58-562 Podgórzyn
POLAND

T: +48 75 75 50 601
F: +48 75 75 50 602
E: kontakt@flaris.pl

www: metal-master.pl
www: flaris.pl
NIP: 611 118 31 71

Deutsche Bank PBC S.A. / zlotowkowe
44 1910 1048 2403 0158 3230 0001
Deutsche Bank PBC S.A. / walutowe / SWIFT: DEUTPLPK
17 1910 1048 2403 0158 3230 0002

Background:

Flaris LAR 1 introduces a new category of very very light jets. It is ideal for those who need to travel in business or leisure. FLARIS LAR 1 combines opposing characteristics: ease of flying, which is typical of ultralight planes, with the performance of jets (speed and range). Flying Flaris is intuitive and can be done by one person, as minimum a private pilot license is required.

FLARIS LAR 1 is an innovative structure on a worldwide scale. It is one ton lighter than similar planes of competitors and therefore consumes less fuel which makes it friendly to the environment and reduces the costs of travelling. The plane's efficiency and economy is the result of its low takeoff mass, modern propulsion and exceptional aerodynamics.

FLARIS LAR 1 is safe. Owing to its unique lift-to-drag ratio, which is equivalent to that of a glider, and a monocoque drop-shaped fuselage, FLARIS LAR 1 can fly a distance of 18 km without propulsion for every 1 km of height loss and land in unconventional area. The plane is also equipped with a modern parachute safety system.

Thanks to easily detachable wings and an exceptionally short landing and take-off requirements (it can takeoff and land on short grass airstrips or small airports) you can avoid large airports and get closer to your destination.

FLARIS LAR 1 offers new quality in private transport. To complete the philosophy of creating a personal means of transport, the owners can create their own paint scheme of the plane, which will underline the individual character of the jet and express the personality of the owner.

The innovative solutions used in the plane structure are protected by 8 patents obtained by Metal-Master.

To undertake such an ambitious challenge the creators of FLARIS LAR 1 cooperate with the best Polish engineers in the aviations industry. Outstanding Polish specialists in the field of aerodynamics and flight mechanics were invited to participate in the project. The main engineer was the remarkable and experienced Andrzej Frydrychewicz, MSc, well known of famous aircrafts such as Wilga, Kruk and Orlik.

For more information please visit: www.flaris.pl/mobile
www.flaris.pl/en

Kontakt: press@flaris.pl

If you need high-resolution materials for print or additional information and photographs, please contact us via e-mail.

FLARIS
zespół Flaris LAR 1 / METAL MASTER



Metal-Master
ul. Nowa 4
58-562 Podgórzyn
POLAND

T: +48 75 75 50 601
F: +48 75 75 50 602
E: kontakt@flaris.pl

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NIP: 611 118 31 71

Deutsche Bank PBC S.A. / zlotówkowie
44 1910 1048 2403 0158 3230 0001
Deutsche Bank PBC S.A. / walurowe / SWIFT: DEUTPL33
17 1910 1048 2403 0158 3230 0002