

Diana 2

**NEW GENERATION
...AND MORE**

AVIONIC



HISTORY

Diana's construction work started in November 1987 under the direction of MSc. Bogumił Beres in the Sailplanes Experimental Works in Bielsko-Biała (PZL-Bielsko).

Preparation of documentation for the prototype was completed in February 1989.

In 29th November 1990 it was flown by test pilot Jacek Zak.

In preparation of the glider had also participated test pilot Jacek Marszałek.

In connection with bankruptcy of PZL-Bielsko in 1999, there were produced only four copies.

One went to Wojciech Kos of the Aeroclub Bielsko-Biała.

The second in 2000, was issued by the Polish Aeroclub for sale.

The other two went to the United States. When „PZL-Bielsko” went bankrupt, MSc. Bogumił Beres bought from the trustee the rights to produce Diana and founded his own company.

The newly formed company started the implementation of the production of the glider

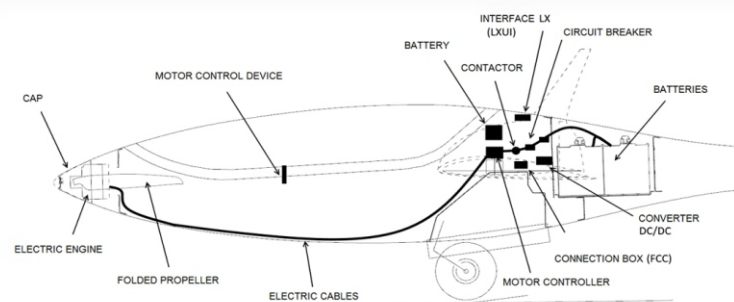
January 12, 2005 flew a modernized version of the glider Diana 2 with a completely new wing designed by Dr. Krzysztof Kubryński.

It has improved the perfection of the glider (52 units), excellence for high speed, resistance to dirt and precipitation, are large ballast tanks to improve the performance of the glider during strong thermals.

After the death of the constructor MSc. Bogumił Beres in 2016, the Avionic company took over the rights to manufacture the SZD-56 Diana sailplane - starting a NEW GENERATION

DEVELOPMENT VERSIONS

Diana-2 with FES (Front Electric Self-launch / Self-sustainer)
- end of the project 2018



SPECIFICATION

Dimensions

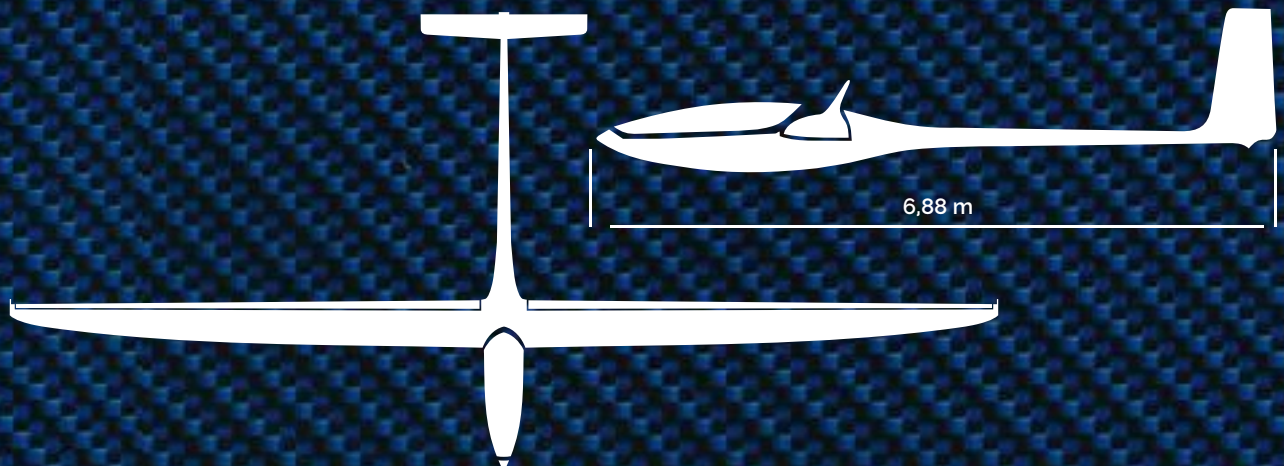
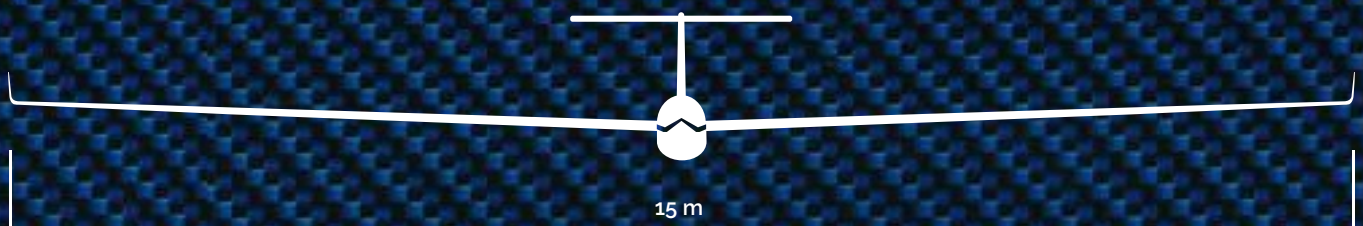
Span	15 m
Elongation	26
Lenght	6,88 m
Height	1,35 m
Wing area	8,64 m ²
Wing profile	KL-002-128/17

Weight

Empty weight	182 kg
Take-off weight	500 kg

Performance

Min. speed	60 km/h
Max. speed	285km/h
Min. sink	0,45 m/s
Max. ratio	52 km



ACHIEVEMENTS

2005 | Janusz Centka wins the silver medal in 13th European Gliding Championships in Rayskala – Finland

2005 | Sebastian Kawa wins the gold medal in 1st Gliding Races Championships in Saint Auban – France

2006 | Janusz Centka wins the gold medal in 29th World Gliding Championships in Eskilstuna – Sweden

2007 | Janusz Centka wins the gold medal and Karol Staryszak silver medal in 14th European Gliding Championships in Issoudun – France

2007 | Sebastian Kawa wins the gold medal in 2nd Gliding World Championship Races Gliding at Omarama - New Zealand

2008 | Janusz Centka wins the silver medal in 30nd World Gliding Championships in Luesse – Germany

2009 | Sebastian Kawa wins the gold medal in 3rd World Air Games in Turin – Italy

2009 | Łukasz Wójcik wins the silver medal in 15th European Gliding Championships in Nitra – Slovakia

2010 | Sebastian Kawa wins the gold medal in 3rd World Championship Races Gliding in Santiago - Chile

2010 | Stefano Ghiorzo wins the gold medal in 1st World Gliding Championship in Szeged - Hungary

2012 | Sebastian Kawa wins the gold medal in 32nd World Gliding Championships in Uvalde – USA

2014 | Sebastian Kawa wins the silver medal in 5th World Championship Races Gliding at Sisteron – France

2014 | Sebastian Kawa wins the gold medal in 33rd World Gliding Championships in Leszno – Poland

2015 | Stefano Ghiorzo wins the gold medal in 1st World Gliding Championships in class 13,5m in Puciunai - Lithuania

2017 | Sebastian Kawa wins the gold medal, and Łukasz Grabowski wins the bronze medal in 34rd World Gliding Championships in Benalla – Australia

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