

# Shark



SHARK Fastest Light Sport Aircraft in the World  
Certified by the World Air Sports Federation



WORLD RECORD



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Winner of several design awards  
World speed record holder  
Incredible for sport flying  
Excellent security and performance  
Open up new ideas of tourism



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Climb rate	7.5 m/s
Ceiling/maximum flight altitude	4 500 m
Flight range/distance	2 500 km
World speed record	300,51 km/h

Retractable landing gear

Long flight radius

Unlimited possible destination

Breath taking views

Flight adjustable propeller

Transportation on a completely new level

# Parachute Rescue System

The deployment of the parachute brings the entire aircraft safely to the ground. The aircraft rescue system provides rescue and protection against life-threatening situations.



Your new power toy  
Extraordinary speed and visibility  
Your airplane for every day  
Strong commitment to safety  
- whole airplane safety system



Enjoy flying now

More security for you

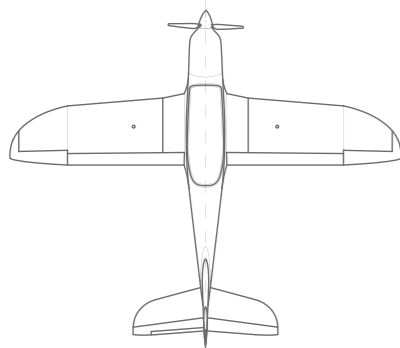
Ballistic recovery system, front and rear  
release of the handle independently

GPS moving map

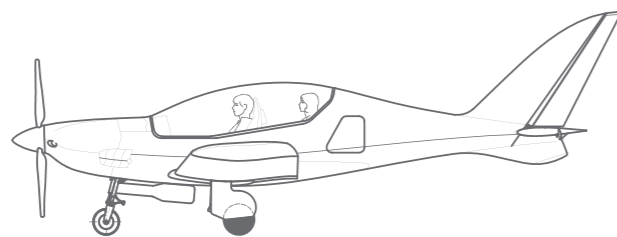
Tandem (fighter jet) seating

Modern digital touch screen

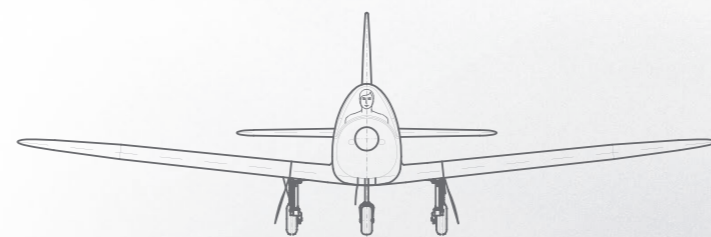
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wing span 7,9 m, wing area 9,5 m<sup>2</sup>



length 6,7 m, height 2,5 m



empty weight 295 kg



### SHARK UL

max. permissible speed 333 km/hr  
 max. climb rate at the MTOW 7,5 m/s  
 fuel capacity 100 liters | extended 150 liters  
 max. load factor + 4 / -2

**Official World  
 Speed Record  
 300,51 km/h**

Rotax 912 ULS 100 hp, Woodcomp SR 3000 2W Woodcomp KW-20W	engine power setting	engine speed	perform- ance	manifold pressure	speed	speed	speed	fuel cosump- tion	fuel cosump- tion	endu- rance	range	range
MTOW: 472,5/600 kg, fuel: 150 l	%	rpm	kW	in.HG	km/h	mph	kt	l/hour	l/100 km	hours	km	miles
take off performance		5 800	73,5	27-28								
<b>max. measured level speed</b>	cruise	5 550	69,0	27	<b>295</b>	<b>183</b>	<b>159</b>	25	8,5	6,0	1 770	1 100
fast cruise	75 %	5 000	51,0	26	270	168	146	21	7,8	7,1	1 920	1 200
medium cruise	65 %	4 800	44,6	26	250	155	135	18	7,2	8,3	2 080	1 300
economic cruise	55 %	4 300	38,0	24	235	146	127	16	6,8	9,4	2 210	1 370
long range cruise		4 100		22	200	124	108	12	6,0	12,5	2 500	1 550



Ideal for fast cross-country flights

Advanced aerodynamic concept

High performance carbon epoxy composite

Comfortable cockpit

Adjustable seats and pedals

Superb visibility

Exclusive performance

# AWARDS

**Shark Aero Shark**

**Shark Aero Shark**

**1. PLATZ**
  
 IN DER KATEGORIE UL/LSA der Zukunft

Peter Paul Pitsch Geschäftsführung Luft- und Raumfahrt
   
 Lars Pöhlitz Geschäftsführung aerokurier

**Diplôme de Record du Monde**

**Eric de Barberin-Barberini et Isabelle Bernabeu**
  
 ont établi le Record du Monde suivant :

**Vitesse en circuit fermé de 15/25 km : 282.2 km/h**
  
 en sous-classe RAL2T (ULM trois axes, avion, deux personnes à bord, moteur thermique) sur Shark le 23 décembre 2011 à Cuers-Pierrefeu

Le Secrétaire Général de la FAI
   
 Le Président de la FAI

**GEWINNER**
  
 Kategorie: Ultraleichtflugzeug
   
**Shark.Aero Shark**

**中国民用航空局**
  
 CIVIL AVIATION ADMINISTRATION OF CHINA

**型号合格证**
  
 VALIDATION OF TYPE CERTIFICATE

编号/No. VTC0338A

本产品合格证颁发/This Validation of Type Certificate is issued to SHARK AERO CZ s.r.o.

产品名称/Product: 航空器/Aircraft 型号/Model: SHARK

经中国民用航空局审查后确认,上述民用航空产品的设计符合中国民用航空规章的有关规定,中国民用航空局对由... 航空器型号合格证颁发的第... ULL.05.2013... 号型号合格证/型号批准书给予认可,后附的该型号合格证数据单为... VTC0338A

This certifies that the design of above civil aeronautical product meets applicable China Civil Aviation Regulations. Civil Aviation Administration of China validates the Type Certificate /Type Approval No. ... ULL.05.2013 issued by ... LAA CR ... The Validation of Type Certificate Data Sheet No. ... VTC0338A ... is attached.

局长授权:
   
 For the Administrator of CAAC:

签字/Signature: 
  
 Wang Jingling

职务/Title: Deputy Director General

部门/Department: CAAC-AAD

日期/Date: 2017-08-24

AAC-019(02/2014)

**Type Certificate**

Issued by the Light Aircraft Association of the Czech Republic (hereinafter LAA CR), based on the authorisation by the Ministry of Transport according to Act No.49/1997 Coll., on civil aviation, and on the Act No. 455/1991 Coll., as amended on engaging in trade (The Trades Licensing Act).

**Aircraft type designation:**
  
 Two-seat, single-engine, aerodynamically controllable, all-composite cantilever high-wing monoplane in tandem seat configuration, ultra-light airplane – Sport Flying Equipment, Type designation: SHARK.
   
 Maximum takeoff weight 450 kg. Maximum takeoff weight may be exceeded of a weight of an integrated parachute recovery system, to the limit 472.5 kg.
   
 Detailed Technical Specification is stated in the Type Certificate Data Sheet.
   
 18.12.2016 Modification of fuel tank volume to 2x75 litres and equipment changes.

**Type certificate holder:**
  
 SHARK.AERO CZ s.r.o.
   
 Mladá 837, 687 25 Hluk, Czech Republic before 23.05.2017
   
 From 23.05.2017: Letiště Benešov, Nesvačily 126, 257 51 Bystřice, Czech Republic

Production facility in Czech Republic: Lesní 25, 695 01 Hodonín
   
 Production facility in Slovakia: Letisko Senica, 906 01 Hluboké 406

**Approved by the LAA CR Technical commission on:**
  
 01.03.2013

**Type certificate is registered at LAA CR under the registration:**
  
 ULL\_05/2013

Letecká amatérská asociace ČR
   
 Křižáku 259
   
 102 00 Praha 10
   
 TEL.: 248 403 897

LAA CR Chief Technical Inspector: Ing. Václav Chvála

**Deutscher Aero Club e.V.**
  
 Luftsportgeräte-Büro

Beauftragter des Bundesministeriums für Verkehr, Bau und Stadtentwicklung
   
 Authorized Representative

**Musterzulassungsschein**
  
 Type Certificate
   
 für Luftsportgeräte
   
 for Airsport Vehicles
   
 Nr.: 61226

Das nachstehend bezeichnete Luftfahrzeug ist als Muster zugelassen auf Antrag von:
   
**Dr. Gerd-Peter Kuhn, 02736 Oppach**

Dieser Musterzulassungsschein ist auf Grund der die Musterzulassung betreffenden Bestimmungen des Luftverkehrsgesetzes und der Luftverkehrs-Zulassungsordnung in der am Tage der Ausstellung gültigen Fassung erteilt.

Die Musterzulassung gilt gemäß zugehörigen Geräte-Kennblatt-Nr.: 61226

Bezeichnung des Gerätemusters / Baureihe: **Shark**

Geräteart: **Ultraleichtflugzeug**

Die Musterzulassung kann in den in § 4 Abs. 2 der Luftverkehrs-Zulassungsordnung vorgesehenen Fällen widerrufen werden.

On application of the above and in accordance with the German Certification Regulations as of today, the Type Certificate for the following product is issued: Ultralight Aircraft
   
 The Type Certificate Data Sheet No. 61226 is part of this Type Certificate.

The Type Certificate may be revoked by the Authorized Representative in cases listed in § 4 (2) of the German Certification Regulations.

Datum der Ausstellung:
   
 Date of issue:
   
 Signature:
   
 Braunschweig, den 22.04.2013

Unterschrift: 
  
 Deutscher Aero Club e.V.
   
 Luftsportgeräte-Büro UL
   
 H.-Brenk-Str. 26 Tel.: 0531-2954000
   
 38108 Braunschweig

# CERTIFICATES

# EXHIBITIONS



2017 Sichuan International Aviation and Aerospace Exhibition - September 28th - October 3rd



2017 China International General Aviation Convention  
Shaanxi, Xi'an, August 24th - 28th



Young aviators



Czech high performance aircraft - Shark and L-39 training jet



Shark in grey livery



Military look



SHARK.AERO s.r.o., Senica Airport (LZSE), Slovak Republic

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[www.shark.aero](http://www.shark.aero) · [sales@shark.aero](mailto:sales@shark.aero) · T +421 903 655 977