

sonaca aircraft

SONACA GROUP



# SONACA 200 – COMMERCIAL LAUNCH

YVES DELATTE – CEO SONACA AIRCRAFT



**SONACA AIRCRAFT IS PROUD TO PRESENT**

**SONACA 200**

**THE NEW REFERENCE AIRCRAFT FOR GENERAL AVIATION**

# Sonaca Aircraft – A new player in the field of General Aviation



In late 2015, Sonaca Group announced the creation of the subsidiary “**Sonaca Aircraft**” dedicated to the development, certification and market launch of a new aircraft named **SONACA 200**, a single-engine two-seater aircraft dedicated to training and leisure

# Sonaca Aircraft – An ambitious and innovative industrial Belgian project



## Shareholders with deep Aerospace & General Aviation expertise:

- **Sonaca Group** – 85 years of experience in aircraft assembly & aerospace structures
- **The Airplane Factory** – 10 years of experience in General Aviation

## A solid financial base, enabling swift company development :

- A capital of more than **2 Million EUR**
- Certification of **2-seaters** by end 2017
- Launch of a **4-seaters** within 5 years

## A Belgian company:

- Strong **technical expertise** within Sonaca Aircraft team
- Aircraft assembled in **Gosselies, BE**



# An aircraft designed by and for pilots



Specifications **jointly developed** with key-players from all over Europe (flight schools, aero clubs and private pilots) to develop **the most appropriate machine** to meet the market expectations

# SONACA 200 - The new reference aircraft for general aviation



Safe-to-fly

Low  
Operational  
cost

Robustness  
&  
reliability

Fun-to-fly

Customer  
support

# SONACA 200 – Key features



## Safe-to-fly

- **Wing profile optimized** for safe flight behaviour at any speed
- Highly maneuverable and responsive when approaching **stall conditions**
- **Certified under CS-VLA**, with increased safety margin (+4.4g instead of +3.8g)

## Low Operational cost

- State-of-the art **Rotax engine** with low fuel consumption and multi-fuel
- **Metallic structure**, which is damage tolerant and easy to repair
- **Durability and longevity**, given the massive use of proven material and technologies

## Robustness & reliability

- Designed to resist to **severe flight conditions & hard landings**
- **Aluminum cell structure** designed to resist for decades (impact resistant, corrosion protected, crack resistant, etc)

## Fun-to-fly

- **750kg MTOW**, providing high stability and sufficient payload (320 kg)
- **High climb rate and cruise speed**
- **Advanced aerodynamics**, providing the perfect flying experience

## Customer support


- **World-class technical support** for its aircrafts, based on Sonaca Group 85 years of experience
- Delivery of **spare parts and repair solutions within days**
- **Sustainable Company**, thanks to the shareholdership structure (w/ Sonaca Group)

# SONACA 200 - Projected Specifications



## PROJECTED SPECIFICATIONS

Powerplant	Rotax 914 F Turbo
Rated power	115 hp
MTOW	750 kg
Empty weight	430 kg
Useful payload	320 kg
Full Fuel Payload	210 kg
Number of seats	2
Wing Span	9,5 m
Length	7,0 m
Fuel Capacity	150 litres
Stall speed (Flaps extended)	45 ktas
Cruise speed - 75% Power	105 ktas
Rate of climb @ sea level	750 fpm
Range at 75% - 45 min Reserve	1400 km
Take-off distance over 15 m obstacle [Grass]	350 m
Landing Distance over 15 m obstacle [Grass]	300 m
Fuel	Mogas/Avgas
Certification category	CS-VLA (ELA 1) Unintentional Spin certified [+4,4g/-1.76g]



**SONACA GROUP WILL HELP BRINGING  
COMMERCIAL AIRCRAFT LEVEL OF SERVICES  
INTO THE FIELD OF GENERAL AVIATION**



**SONACA Group** is active in the development, manufacturing, assembly and test of aerospace structures and associated subsystems

- 1** Tier 1 on most of its activities
- 6** Serving 6 major primes: Airbus, Airbus military, Bombardier, Dassault, Embraer & Gulfstream
- 6** Global footprint with 6 facilities in Belgium, Brazil, Canada & China
- 80+** More than 80 years of aircraft manufacturing and airframe «Design & Build» experience
- 2400+** More than 2,400 employees around the world, including 400 engineers

# 60 years of complete aircraft Assembly in Belgium



Hunter Mk4



First Jet assembly  
(Gloster Meteor)



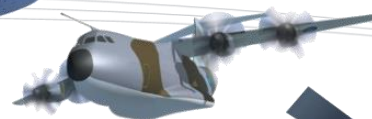
F16 assembly for  
Belgian Air Force



Airbus  
A320



Airbus A380 & A400M



CSO  
Satellite



Embraer  
Legacy  
450/500

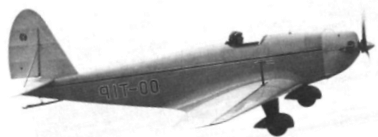


Sonaca Aircraft  
S200

1931 1951 1952 1978 1979 1984 1986 1991 1993 2000-03 2008 2010 2012 2014 2015

60 years of complete aircraft Assembly in Belgium

Creation of  
Fairey in  
Gosselies



Airbus  
A310



Embraer ERJ  
135/145



Embraer ERJ  
170/190



Bombardier  
C Series



Airbus  
A350



Embraer  
E2 175-190-195

Creation of Sonaca



Dassault F7X



# Why is Sonaca Group investing in the field of general aviation ?



- Excellent **diversification** opportunity for Sonaca Group;
- Fulfilling **unmet market needs**
- Leverage existing **Engineering & Industrial capabilities**



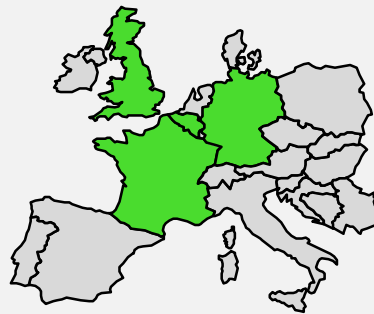


**SONACA AIRCRAFT IS PROUD TO ANNOUNCE THE  
EUROPEAN COMMERCIAL LAUNCH OF THE SONACA 200**

# European commercial launch of the SONACA 200



- Sonaca Aircraft is proud to announce its **first European sales** of the SONACA 200
- After 2 months of promotion in Western Europe; **4 leading flights schools** coming from 4 different countries have ordered the SONACA 200



- Brussels South
- Paris
- London
- Dusseldorf / Essen

- In total, these 4 launch customers have ordered **14 aircraft**, equivalent to a total value of **2,5 Million EUR<sup>1</sup>**

<sup>1</sup> at listed price value

# NewCAG



## Air academy

“GET YOUR WINGS WITH US”

- The oldest school in Belgium founded in 1976
- A fleet of 16 aircrafts flying more than 6000 hours a year
- Located at one of the most busiest regional airport Brussels South Charleroi Airport
- Train Private as well as Professional Pilots and Flight Instructors
- More info [www.newcag.be](http://www.newcag.be)

# Launch Customer : Aéroclub Paul Tissandier



- One of the oldest school in France founded in 1947 - **4<sup>th</sup> Club** of France in 2015
- A fleet of 11 aircrafts flying more than 5300 hours a year
- Located at Saint Cyr L'Ecole close to the center of Paris
- Providing training from the Private Pilote Licence to the Instrument Rating
- More info [www.actissandier.com](http://www.actissandier.com)



## **FLIGHT TRAINING** **LONDON**

“Our passion for flying is very contagious”

- Flight Training London is a UK CAA approved, professional and safe flying school
- A fleet of XX aircrafts flying more than XXX hours a year
- Located in the airspace between 4 of the 5 major airports near London, Elstree Airport
- Providing training from the Private Pilote Licence to the Instrument Rating
- More info <http://www.flighttraininglondon.co.uk>

# Launch Customer : FFL Flugschule Essen



- Founded in 1963, FFL trained more than 6000 pilots since the his foundation.
- A fleet of 11 aircrafts flying more than 6000 hours a year
- Located at the Airport of Essen
- Providing training from Private pilot licence to Airline Transport Pilot licence
- More info [www.ffl-flighttraining.de](http://www.ffl-flighttraining.de)



- Building on a long-lasting industrial aeronautical history, Sonaca Aircraft aims at bringing new level of services in general aviation
- SONACA 200, the new European reference in aviation training, has been designed by and for pilots
- 4 launch customers - from Germany, France, UK and Belgium – have ordered 14 aircraft, for a total value of 2,5 Million EUR
- Sales campaign will continue over the summer 2016



Q&A