

OUR PASSION MAKES THE DIFFERENCE



 **550**
aircrafts flying

 **50**
worldwide
countries

 **200**
in-house employees

 **75**
planes produced
per year






03

OK SUU 44

THE JMB STORY

The story began on a private airfield in Amougies, Belgium over 25 years ago, where the founders of JMB Aircraft, Jean Marie & Jean Baptiste Guisset grew up. They both learned to fly here when they were only 14 years old.

"Since we were little kids, we spent our lives around aviation. Our dad was also a big fan of flying, and he passed this passion on to us. He introduced us to the freedom of cruising the sky in a plane," says Jean Marie Guisset, CEO of JMB Aircraft. It's safe to say that aviation runs through the Guisset' brothers blood and that their passion really does make a difference.



Jean Marie Guisset
CEO of JMB Aircraft



1995

Passion for aviation

Jean Marie & Jean Baptiste started to run Amougies airport for commercial aviation including a pilot school, demo flights and other interesting activities.

2012

Launch of JMB Aircraft

VL3 reaches the milestone of 100 aircrafts produced. Worldwide inquiries are huge and production cannot keep up with the speed of sales. JMB Aircraft is established to take over further development & production of the aircraft. We start to build the aircraft with 6 employees.

2021

First Turboprop in UL aircraft

Long-term research and development with the Turbotech TP-R90 engine brings a new era to the UL industry. The first VL3 aircraft is equipped with the turbine engine which has a TBO that is double the hours of a Rotax engine.

2007

The story begins

The brothers first cross paths with the VL3 aircraft. They immediately acquire the dealership for Benelux and France.

2019

Need for speed

New version of the VL3 Evolution powered by the 915 iS Rotax engine is introduced. This allows the aircraft to reach another dimension of speed and climb rate. Company employee count increases to 80.

2022

Time for EVOLUTION

A partnership deal is announced and JMB join forces with EVOLUTION Aircraft. The unique 4 seater, turbine powered aircraft is now being produced & sold out of the Czech Republic. The company reaches the milestone of 200 employees.

VL3 EVOLUTION

The VL3 Evolution is a safe, intuitive and high-performance aircraft produced using top quality carbon fibre and composite materials. The aerodynamic design provides an optimised airflow to reach the maximum performance, while remaining very stable in gusty conditions.

Thanks to its 55 degree flaps, the VL3 can make short and impressive landings. Only 200 metres are needed, which makes most airfields accessible. The plane can easily be taken apart – wings, fuselage, and tail parts. This feature allows for simple on ground container/trailer aircraft transportation.

The VL3 Evolution is not only a dream come true UL aircraft for experienced pilots, but also for newcomers to the aviation world. Safety is of the highest priority for us, and each VL3 aircraft is equipped with a safety parachute system from Galaxy Rescue Systems.



LEARN MORE









LUXURY COCKPIT

Throughout every stage of the production we utilise high quality equipment and suppliers. The VL3 basic set up comes with retractable gear, safety parachute system and a selected 3 or 4 blade propeller.

Inside the ultra-modern luxury cockpit, our laser-cut carbon dashboard can fulfil every customer's VFR/IFR requirements. Different GPS selections, glass cockpit dimensions, radios and transponders are available.

The VL3 cockpit is equipped with efficient ventilation and heating systems to bring full comfort to its users. Anti-collision systems and strobe lights options are also available upon request.



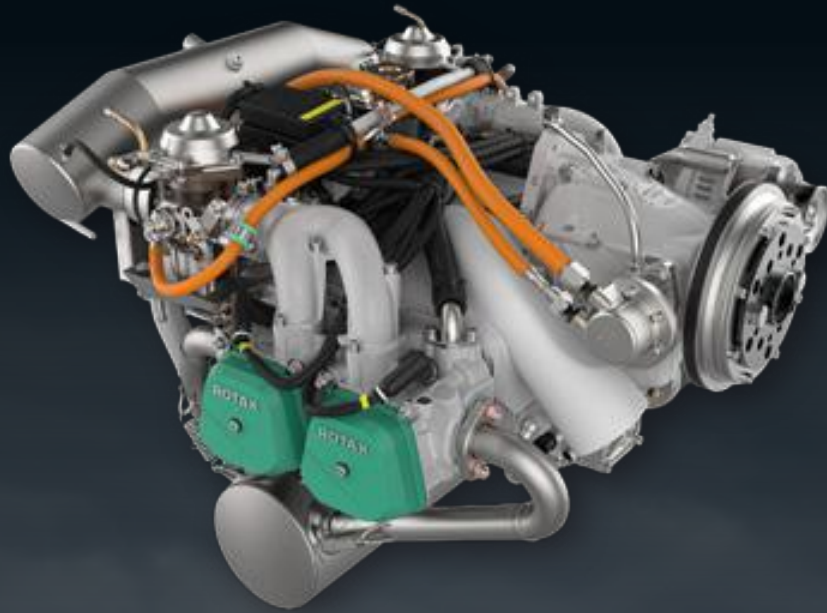
JMB Aircraft work hand in hand with Garmin®, the worldwide leader in general aviation avionics, to bring a great combination of simplicity and performance which is redefining the UL world. The integration and versatility provided by the G3X electronic flight displays make it easy to customise the ideal panel layout for your aircraft.

The G3X Touch delivers effortless connectivity between pilot and aircraft to give you the best flight experience. It offers an impressive array of standard features that gives pilots greater situational awareness throughout every phase of flight. These visual and user friendly displays instantaneously give you all the information you need at your fingertips.


GARMIN™



ALL ROTAX FLAVORS AVAILABLE



> ROTAX 912 ULS

Most popular engine

100 HP

Carburetors

Useful load 270 kg



> ROTAX 912iS

Taste the speed

100 HP

Fuel injected

Improved fuel efficiency

Useful load 260 kg



› ROTAX 915iS

For speed freaks

142 HP

Fuel injected

Turbocharged

Intercooler

Useful load 230 kg



› ROTAX 916iS

New generation of power

160 HP

Fuel injected

Turbocharged

Intercooler

Useful load 230 kg

SPECIFICATIONS

> PROPELLER

VARIABLE PITCH PROPELLER

(constant speed)

- two blades (Woodcomp)
- three blades (DUC / Woodcomp)
- four blades (DUC)

FIXED PROPELLER

- three blades (E-PROP)

> AVIONICS

- fully customized laser-cutted dashboard
- VFR or IFR instruments
- several types of GPS
- different radios & transponders available

> COCKPIT

- carbon & aramid fiber construction
- one piece acrylic glass canopy
- side by side seats
- efficient ventilation & heating system

> LIGHTS

- position, anti-collision & strobe lights available

		912 ULS		912 iS		915 iS		916 iS	
		metric	imperial	metric	imperial	metric	imperial	metric	imperial
Performances	Take off	175 m	574 ft	175 m	574 ft	115 m	377 ft	98 m	320 ft
	Landing	200 m	656 ft	200 m	656 ft	200 m	656 ft	200 m	656 ft
	Best rate climb	1300 ft/min		1300 ft/min		2000 ft/min		2600 ft/min	
	Max. cruise speed	280 km/h TAS	151 KTAS	280 km/h TAS	151 KTAS	370 km/h TAS	200 KTAS	370 km/h TAS	200 KTAS
	Stall speed	78 km/h IAS	42 IAS	78 km/h IAS	42 IAS	81 km/h IAS	44 IAS	81 km/h IAS	44 IAS
	Vne	315 km/h TAS	170 KTAS	315 km/h TAS	170 KTAS	340 km/h TAS	183 KTAS	340 km/h TAS	183 KTAS
Engine	Manufacturer	ROTAX		ROTAX		ROTAX		ROTAX	
	Model	912 ULS		912 iS		915 iS		916 iS	
	Horsepower	100 hp		100 hp		141 hp		160 hp	
	Fuel Consumption (75%)	17 L	4,5 Gal	15 L	3,8 Gal	32 L	8,5 Gal	30 L	7,9 Gal
Dimensions	Wingspan	8,44 m	27,7 ft	8,44 m	27,7 ft	8,44 m	27,7 ft	8,44 m	27,7 ft
	Length	6,24 m	20,5 ft	6,24 m	20,5 ft	6,24 m	20,5 ft	6,24 m	20,5 ft
	Height	2,05 m	6,7 ft	2,05 m	6,7 ft	2,05 m	6,7 ft	2,05 m	6,7 ft
	Cabin width	1,15 m	3,8 ft	1,15 m	3,8 ft	1,15 m	3,8 ft	1,15 m	3,8 ft
	Fuel tanks	120 L	32 gal	120 L	32 gal	140 L	36 gal USA	140 L	36 gal USA
Weight	Empty weight	310 kg	683 lbs	310 kg	683 lbs	380 kg	838 lbs	380 kg	838 lbs
	Useful load	290 kg	640 lbs	290 kg	640 lbs	240 kg	530 lbs	240 kg	530 lbs
	MTOW	600 kg	1323 lbs	600 kg	1323 lbs	600 kg	1323 lbs	600 kg	1323 lbs

NEW DEVELOPMENT PROJECT VL3 TURBINE

First ultralight aircraft ever equipped with powerful turboprop engine and low fuel burn solution.



THE REGENERATIVE
TURBINE
powered by
TURBOTECH TP-R90



- comfort <
- ultra light engine <
- lifetime times two <
- multi/bio fuels <
- low fuel burn <
- single lever <
- fully fadec controlled <

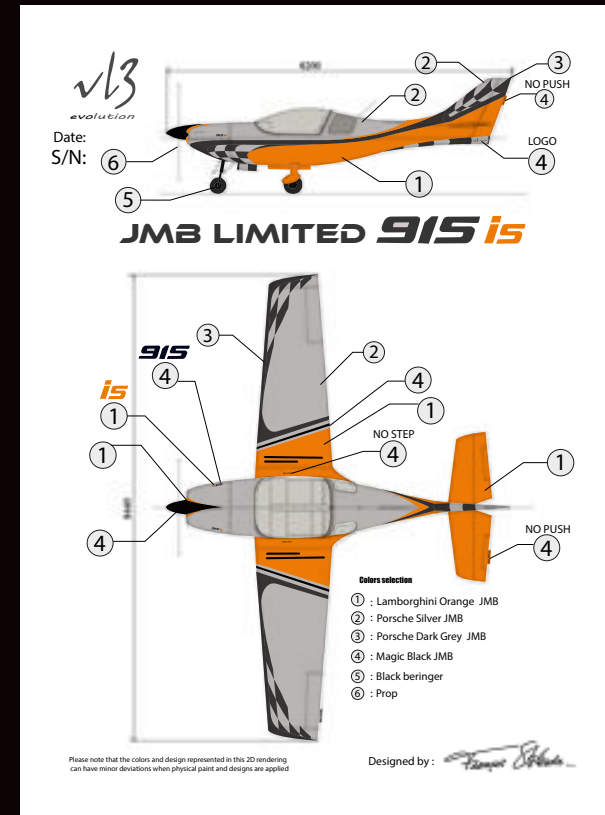
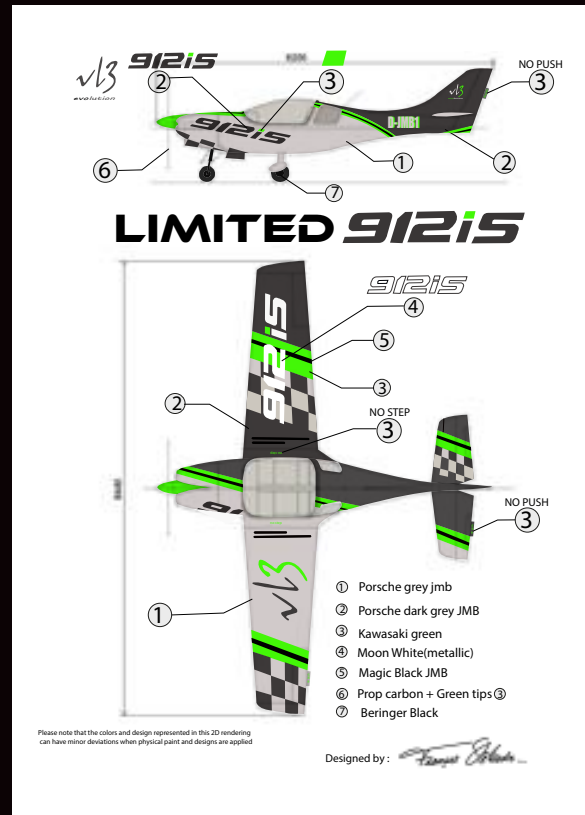
VL3 DESIGN STUDIO

At JMB Aircraft, we take the design of ultralight aviation to the next level. Modification of the interior began in 2016, and since then we have developed our interior customisation to perfection. There is simply no limit. We provide the same design & interior quality to our customers as high end luxury automotive producers.

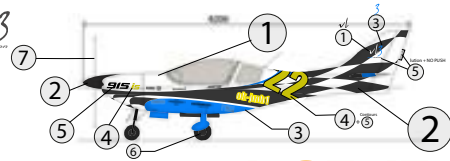
The original white colour of the VL3 developed into customised designs including specific colours, patterns, shapes and logos. The history of exterior customisation also started in 2016, when the first advanced design was introduced. Due to the high demand for customisation, we are focused on improving the technology which allows us to ensure that every VL3 design is unique.



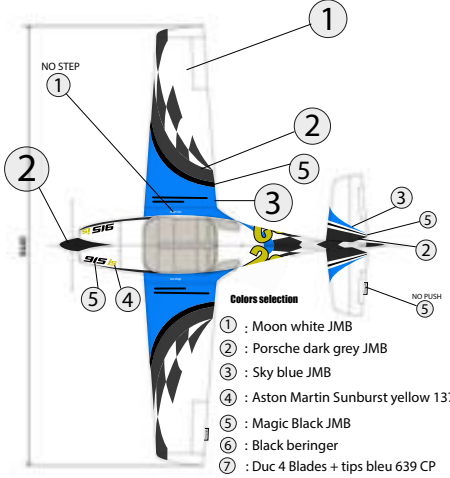
DESIGN YOUR
VL3 ONLINE



v13 evolution



LIMITED 915 1 OF 15



- Colors selection**
- ① : Moon white JMB
 - ② : Porsche dark grey JMB
 - ③ : Sky blue JMB
 - ④ : Aston Martin Sunburst yellow 1375
 - ⑤ : Magic Black JMB
 - ⑥ : Black beringer
 - ⑦ : Duc 4 Blades + tips bleu 639 CP

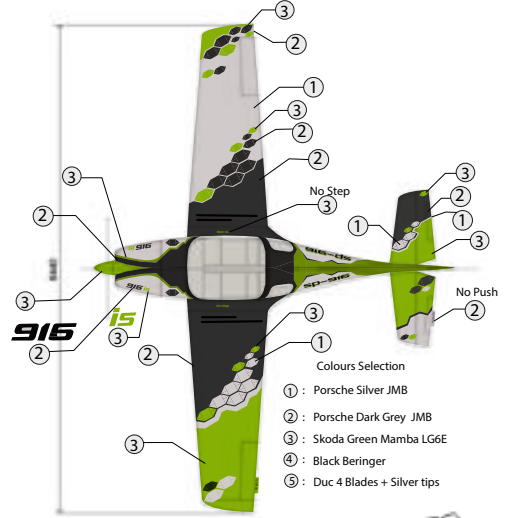
Please note that the colors and design represented in this 2D rendering can have minor deviations when physical paint and designs are applied

Designed by: *François Béranger*

v13 evolution



LIMITED 916 IS



- Colours Selection**
- ① : Porsche Silver JMB
 - ② : Porsche Dark Grey JMB
 - ③ : Skoda Green Mamba LG6E
 - ④ : Black Beringer
 - ⑤ : Duc 4 Blades + Silver tips

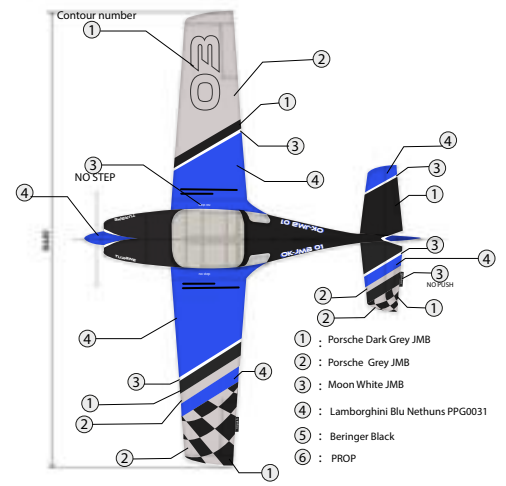
Please note that the colors and design represented in this 2D rendering can have minor deviations when physical paint and designs are applied

Designed by: *François Béranger*

v13 evolution



LIMITED TURBINE



- Contour number**
- ① : Porsche Dark Grey JMB
 - ② : Porsche Grey JMB
 - ③ : Moon White JMB
 - ④ : Lamborghini Blu Nethuns PPG0031
 - ⑤ : Beringer Black
 - ⑥ : PROP

Designed by: *François Béranger*

Please note that the colors and design represented in this 2D rendering can have minor deviations when physical paint and designs are applied

- Contour number**
- ① : Porsche Dark Grey JMB
 - ② : Porsche Grey JMB
 - ③ : Moon White JMB
 - ④ : Lamborghini Blu Nethuns PPG0031
 - ⑤ : Beringer Black
 - ⑥ : PROP

Please note that the colors and design represented in this 2D rendering can have minor deviations when physical paint and designs are applied

- Contour number**
- ① : Porsche Dark Grey JMB
 - ② : Porsche Grey JMB
 - ③ : Moon White JMB
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 - ⑤ : Beringer Black
 - ⑥ : PROP

FULLY CUSTOMIZED EXTERIOR



› SINGLE COLOUR

2 colours available (white/light grey acryl without varnish)

› ULTIMATE JMB

selection of 9 designs with possible colour modification or a unique colour in metallic paint

› ULTIMATE FREE

- fully customized design, with no limits of lines or colours, created together with our designer
- final design is not limited to one aircraft only (can be repeated in the future)

› ULTIMATE ONE

- one of a kind fully customized design created by our designer
- final design that can never be repeated on another VL3 produced by JMB Aircraft



ENJOY LUXURY INTERIOR

> ALLURE JMB

- selection of 6 different seats
- 7 leather colours pre-selected by our designer (most popular models)
- 47 different Alcantara colours
- up to 7 colours (certified) and 4 colours (non-certified) safety belts
- stitching and logo colours pre-selected by our designer

> ALLURE FREE

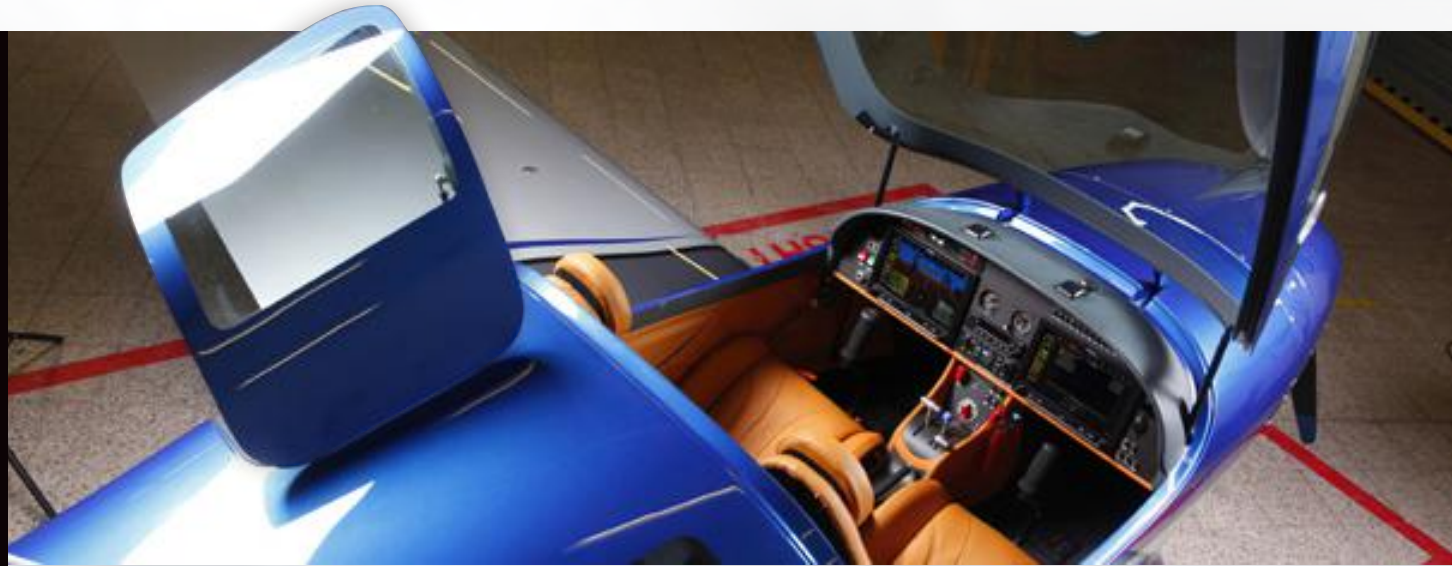
- selection of 6 different seats
- 25 colours of leather
- 47 different Alcantara colours
- up to 120 colours (certified) and 4 colours (non-certified) safety belts
- unlimited selection of stitching and logo colours



TRAVEL FAST & FAR

We have also implemented the unique cargo door feature to the VL3 aircraft. This allows travellers to incorporate baggage and sports equipment, such as skis and golf clubs, into their travel plans.

The flight range varies from 1300km to 2200km depending on the engine selection and actual in-flight cruising speed performance.



REQUEST
A DEMO

✕550
VL3's flying

✕150
915iS engine VL3's flying

 **50**
countries

 **200,000**
fleet hours

SAFETY IS OUR #1 PRIORITY

The VL3 was successfully tested to ultimate loads of up to +15 Gs and total load of 600 kgs in collaboration with the Czech Aerospace Institute. The aircraft is produced from aviation certified materials including carbon resin, electronic components and more. The base configuration comes equipped with stall strips and certified aviation bolts.

› Basic safety features

- Autopilot
- AOA (Angle of attack indicator)
- rescue system
- Smart glide Garmin
- Stall strip
- Heated pitot

› Additional safety features

- TCAS (traffic alert & collision avoidance)
- ELT (emergency locator transmitter)
- Carbon monoxide detector
- External display for AOA
- LEVEL up button
- Oxygen



AIRFRAME PARACHUTE

This unique safety feature is designed to protect pilots in the event of an emergency by lowering the aircraft to the ground after deployment. In the event of an in-flight emergency, the pilot has the option to deploy a solid-fuel rocket out of the hatch which covers the compartment where the parachute is stored.

As the rocket carries the parachute rearward from the front of the plane, the embedded airplane harness straps release from the fuselage and carry the aircraft safely down to the ground. The crew will be carried to the ground safely in our Kevlar reinforced cabin.



BECOME A VL3 OWNER TODAY

› **STEP 1**

CHOICE OF ENGINE

with different components
in the basic price

› **STEP 2**

AVIONICS SELECTION

GPS, transponder, ELT,
backup battery, autopilot,
traffic viewer & more

› **STEP 3**

ADDITIONAL ACCESSORIES

adjustable pedals, landing
gear camera, flaps, heated
pitot and lights

› **STEP 4**

INTERIOR DESIGN

customised design
experience, leather colour,
cockpit size, safety belts,
removable cushions

› **STEP 5**

EXTERIOR VISUAL

specific colour schemes,
colour of propellor tips
& wheels and cargo door
option

› **STEP 6**

ORDER APPROVAL

congratulations, your VL3
is entering production with
a serial number assigned
and an expected delivery
date

PRODUCTION FACILITY

The production facility is located just outside of LKVM airport in the town of Chocen, Czech Republic. With its unique placement, it provides direct landing access to VL3 owners in case of service/maintenance needs. 2022 was huge for JMB Aircraft. We launched the construction of a new production building located directly at the LKVM airport. This will increase our production capacity to 9000 square metres & provide our customers with even better on-site services. We also reached the milestone of 500 planes produced.

Facility highlights

 **500+**
planes produced

 **200**
full time employees

 **9000**
square metres

 **100%**
built in-house

 **75+**
produced planes
per year

 **150,000**
parts in stock



QUALITY MANAGEMENT

At JMB, we are fully committed to consistent improvement and quality control of the VL3 Evolution. The aircraft itself has gone through massive development since its early days, including the following areas:

- engine upgrades modification
- fuselage and cowlings adjustments
- design selection innovation
- aerodynamics improvements
- cargo door installation & much more

Quality control is the key factor to the safety of our products. Our engineers control the quality standards at each stage of the production process. This starts from incoming material through to the lamination, finishing and final assembly departments and on to the final test flights and final control before delivery of the aircraft.



SERVICE & MAINTENANCE

When it comes to maintenance, VL3 owners have the full support of the production facility in the Czech Republic, as well as several other locations providing certified service activities. Our training center in Amougies, Belgium also provides pilot training to obtain the necessary licence for flying the aircraft, as well as conversion training for different engine options. On top of this, you can take the opportunity to experience the VL3 Evolution during different in-flight scenarios, including use of the parachute, in our unique simulator.



LOCATE
A DEALER



#JMBLIFESTYLE

When becoming a VL3 owner, you become a part of large aviation family. Customers always come in first place at JMB Aircraft. We meet together, enjoy world-wide air shows and organise events to keep the JMB family together. There are many opportunities to enjoy the aircraft to its fullest extent, some of them organised by JMB itself, and others through our certified partners and dealers.

› **Raid Mermoz**

Become a part of the largest transcontinental air raid ever created for ultralight aircraft.

› **Alps flight training**

Get professional training in mountain flying with our experienced pilots.

› **Worldwide air shows**

Meet our team at the world's largest aviation gatherings such as Aero Friedrichshafen, Sun'n Fun, EAA Airventure or ULM Blois.

› **JMB events**

Visit our factory and enjoy several events throughout the year which we host for our valuable customers.



FOLLOW US



OUR PASSION
MAKES THE DIFFERENCE





INTRODUCING THE EVOLUTION TURBINE

At JMB Aircraft, we have one simple goal. Design & build the best performance aircraft money can buy. Introducing the Evolution Turbine, simply the best 4-seater pressurised aircraft available today.



EVOLUTION

EVOLUTION TURBINE

We're confident that when you compare the Evolution Turbine to the competition, you'll be convinced that there really isn't any competition. The numbers don't lie. Go further. Go faster. Spend less!

		EVO 750	
		metric	imperial
Performances	Take off	457 m	1500 ft
	Landing	365 m	1200 ft
	Best rate climb	4000 ft/min	
	Max. cruise speed	555 km/h TAS	300 KTAS
	Stall speed	120 km/h IAS	65 IAS
	Vne	474 km/h TAS	256 KTAS
Engine	Manufacturer	Pratt & Whitney	
	Model	PT6-135A	
	Horsepower	750 hp	
Dimensions	Wingspan	11,27 m	37 ft
	Length	9,14 m	30 ft
	Height	3,05 m	10 ft
	Cabin width	635 L	168 gal
	Fuel tanks	1202 kg	2650 lbs
Weight	Empty weight	861 kg	1898 lbs
	Useful load	2063 kg	4550 lbs
	MTOW	2063 kg	4550 lbs





Make it reliable,
make it powerful
and make it
beautiful.

- Pratt & Whitney PT6A-135A
- Emergency Airframe Parachute System
- Pressurised cabin up to 28.000 ft at FL280
- Heat & air conditioning
- Garmin G3X Touch digital suite & autopilot
- ADS-B Traffic
- S-XM weather
- Bluetooth connectivity
- L3 Electronic back up
- HVAC controls

HOW DOES IT WORK?

› **STEP 1**

CONFIGURE

Using premier design software and aerodynamic modelling, the tools and moulds which are used to produce Evolution parts are created from the same digital files which define the design, resulting in repeatability and precision.

› **STEP 2**

BUILD

Building your Evolution is one of the most exciting adventures you will ever experience. To support your mission, our single goal is to ensure that you and your family enjoy many years of safe and reliable operation.

› **STEP 3**

FLY

To complete the required 40 hours of test flying, we suggest that you work with one of our experienced instructors. Three days of transition training (minimum 10 hours) and the first annual training day are included in the kit price. This ensures that you and your plane are completely prepared for safe operation.





LIFE WITH EVOLUTION

Evolution owners love the freedom that their aircraft provide them. Whether it's fun in the sun or a weekend in the snow, every one of them has a unique story and specific mission. With more than 85 Evolution aircrafts flying and over 25,000 fleet hours, there is no doubt the aircraft has met the original design goals for comfort and speed.



EVOLUTION





OUR FACILITIES

› **PRODUCTION & SALES**

JMB Aircraft s.r.o.
Nadrazni 635, 565 01 Chocen
Czech Republic

› **SPARE PARTS & MAINTENANCE**

The Evolution Aircraft Company
2159 SW 2nd Ct.
Redmon, OR 97756
United States

› **SPARE PARTS & MAINTENANCE**

Cascade Aircraft Management
3901 Aviation Way
Caldwell, ID 83605
United States



LEARN MORE