

OUR PASSION  
MAKES THE DIFFERENCE



**200** KTAS  
Discover the USA from the air

**1500** MN  
Max range (50%)

**500** ft  
Land on short runways

**500** pcs  
Produced





MORE THAN  
**25 YEARS**  
OF EXPERIENCE

› FINISHING DEPARTMENT



› PRODUCTION



› LAMINATION



› FINAL ASSEMBLY

With over 25 years of experience in aviation, JMB Aircraft was founded by two Belgian brothers, Jean-Marie and Jean-Baptiste Guisset, who started to fly when they were only 14 years old. It's safe to say that flying runs through their blood, and that their passion can be seen in the final product. Currently, JMB Aircraft is led by Jean Marie Guisset. His brother, Jean Baptiste, is head of JMB Aviation, based in Amougies Belgium. He is more focused on managing their private airfield, maintenance centre and flight school.

Through the use of certified parts and top-quality carbon fibre composite materials, we apply the highest quality standards in both development and production. The VL3 is a fast, safe and economical touring aircraft, and with over 500 sold in recent years, it is a very popular and reliable choice. With the expansion of our production capacity in the Czech Republic to 60 aircraft per year and a worldwide distribution network (Europe, USA, Canada, Australia, New Zealand and Middle East), the JMB Aircraft success story continues to gather pace.



FAST, SAFE &  
ECONOMICAL!



Travel at high speed in style! Discover new places throughout world with full comfort and safety.

The VL3 Evolution allows pilots to go on exciting adventures and explore amazing destinations.

The aerodynamic design of this low-wing aircraft induces high cruising speeds above 370 km (162kts), while remaining very stable in gusty conditions. Its low weight makes it also extremely forgiving on approach.

The powerful but economical ROTAX engine and comfortable side-by-side configuration makes it the perfect touring aircraft.



➤ **ROTAX 912 / 100HP**  
Most Popular Engine



➤ **ROTAX 914 / 115HP**  
Taste The Speed



➤ **ROTAX 915 / 142HP**  
For Speed Freaks

**150** KTAS

Carburetors  
Useful load 290kg  
Best performance at FL80

**165** KTAS

Carburetors  
Turbocharged  
Intercooler  
Useful load 260kg  
Best performance at FL110

**200** KTAS

Fuel injected  
Turbocharged  
Intercooler  
Climb rate 2000 ft/min  
Useful load 240kg  
Best performance at FL180





# SPECIFICATION

## > PROPELLER

- Variable pitch propeller (constant speed) (two-blades / three blades by Duc / Woodcomp)
- Constant speed device
- Fixed propeller (three-blades prop by E-PROP)

## > AVIONICS

- Dashboard laser-fired to fulfill customer's requests
- VFR or IFR. Several types of GPS, glass cockpits, radios and transponders: Garmin, Dynon

## > COCKPIT

- High level of safety due to carbon and aramid fiber construction
- Canopy made from one piece of acrylic glass,
- Side-by-side seats available in comfortable textile or leather in several different colors
- Equipped with efficient ventilation and heating system
- High level interior design

## > LIGHTS

- Airplane can be equipped with position, anti-collision and strobe lights

## > TECHNICAL INFORMATIONS

	VL3 912 RG	VL3 914 TURBO	VL3 915IS
Stalling speed (IAS)	35 kts (65 km/h)	35 kts (65 km/h)	42 kts (78 km/h)
Cruising speed (TAS)	150 ktas (280 km/h)	165 ktas (310 km/h)	200 ktas (370 km/h)
Never to exceed speed (IAS)	170 kts (315 km/h)	170 kts (315 km/h)	184 kts (340 km/h)
Engine output	100 hp	115 hp	142hp
Climb rate	1400 ft/m	1600 ft/m	2000 ft/m
Fuel consumption (75%)	4.5 US gal/h	6.5 US gal/h	8.5 US gal/h
Fuel tanks volume	32 US gal (120 l)	32-37 US gal (120 - 140 l)	37 US gal (140 l)
MTOW	1320 lbs (600 kg)	1320 lbs (600 kg)	1320 lbs (600 kg)
Empty weight (incl. rescue system)	683 lbs (310 kg)	749 lbs (340 kg)	793 lbs (360 kg)
Wingspan	27.7 ft (8.44 m)	27.7 ft (8.44 m)	27.7 ft (8.44 m)
Length	20.5 ft (6.24 m)	20.5 ft (6.24 m)	20.5 ft (6.24 m)
Height	6.7 ft (2.05 m)	6.7 ft (2.05 m)	6.7 ft (2.05 m)
Wing area	105 ft <sup>2</sup> (9.77 m <sup>2</sup> )	105 ft <sup>2</sup> (9.77 m <sup>2</sup> )	105 ft <sup>2</sup> (9.77 m <sup>2</sup> )

# SAFETY IS OUR NUMBER #1 PRIORITY!

The VL3 is certified and tested in collaboration with the Czech Aerospace Institute. It was successfully tested to ultimate loads of up to +15Gs and -8Gs.

The VL3 is free of flutter until 450 km/h TAS. The VNE is limited to 340 km/h IAS, with a VNO of 280 km/h IAS.

To increase your safety the VL3 can be equipped with a TCAS (Traffic alert and Collision Avoidance) system. If other aircraft are in your vicinity, you will receive a visual and audio alert to your EFIS and headset.

An ELT (Emergency locator transmitter) may also be installed in case of an emergency landing to enable SAR services to quickly locate you.

Most VL3 aircraft are also equipped with autopilot. If you lose control of the aircraft upon accidentally entering cloud, you can activate the levelling function and the aircraft will automatically level out.

AOA - The Angle of Attack indicator will give you a warning if you approach the critical angle of attack before stalling.

Close to the fuselage, on the leading edge, the VL3 is equipped with stall strips to improve the controllability of the aircraft when it enters a stall.

We use only certified aviation bolts for all control lines and certified resin is used to laminate the VL3. The complete electrical installation (cables, antenna, radio, transponder, and more) is done using aviation certified materials.

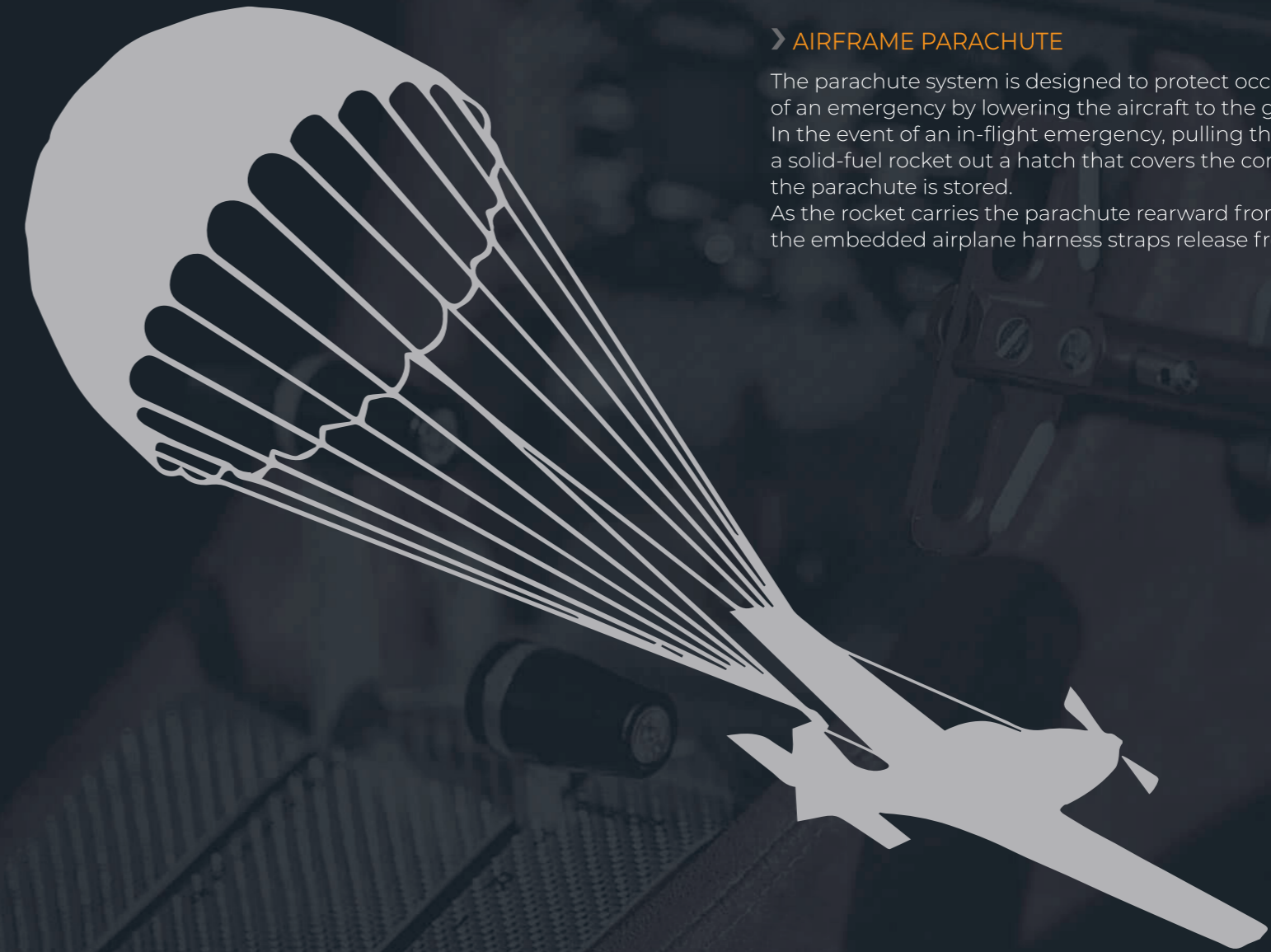
The VL3 already flies in the Czech Republic, Germany, Belgium, France, Norway, Portugal, Poland, The Baltic States, South Africa, USA, Italy, Slovakia, Turkey, Hungary, Romania, Canada, Australia, New Zealand and Spain.

# RESCUE SYSTEM

## ➤ AIRFRAME PARACHUTE

The parachute system is designed to protect occupants in the event of an emergency by lowering the aircraft to the ground after deployment. In the event of an in-flight emergency, pulling the red handle deploys a solid-fuel rocket out a hatch that covers the compartment where the parachute is stored.

As the rocket carries the parachute rearward from the front of the aircraft, the embedded airplane harness straps release from the fuselage.





# JMB DESIGN STUDIO

If you're looking for a unique and personalized aircraft that reflects your personality, you came to the right place. Our design studio offers the possibility to customize your aircraft according to your dreams and wishes. We offer the possibility to customize your aircraft with a personalized paintjob, cabin colors, leather styles, stitch colors, safety belts and instrumentation, all according to your wishes. The creativity is in your hands!



## > CUSTOMISED YOUR INSTRUMENT PANEL



## > PAINT SCHEME



## > SELECT A TOP INTERIOR AND EXTERIOR



## EXTERIOR OPTIONS



### › SINGLE COLOUR

You want to keep it simple, no problem! We propose these 2 colours: White and NardoGrey by Audi.

### › ULTIMATE JMB

For your Ultimate JMB, our designer made a selection of 8 of the most popular designs. Play with colours to create the VL3 Evolution which will correspond to your wishes. There's no limit!

### › ULTIMATE FREE

You want to create your own design, no problem. Our designer will catch all your ideas to make the VL3 Evolution of your dreams.

### › ULTIMATE ONE

You want a unique VL3 Evolution, no problem! Together with our designer, you can create a ONE-OFF aircraft. Never repeated, never copied! Be the king of the airport!

## INTERIOR OPTIONS

### › ALLURE JMB

You select the «ALLURE JMB» option? Perfect! 6 different models of seats are waiting for you. Play with the 7 famous colors of leather or alcantara selected by our designer. We are using the same high quality of leather and alcantara as luxury cars. To match with the leather or alcantara selection, 7 colors of safety belts have been also selected by our designer.

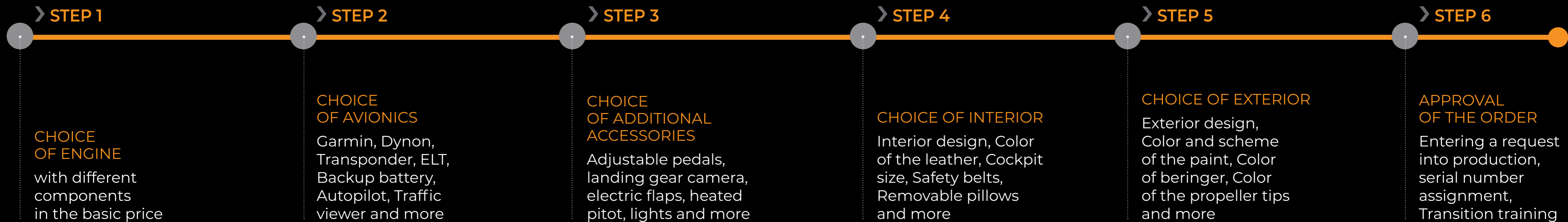
### › ALLURE FREE

For the 6 different models of seats, 25 colors of leather are available to push the limits of personalization! With a selection of 120 colors of seat belts and an unlimited selection of colors for the stitches and logos of the seats, you will, together with our designer, go till the last details, to be sure that your VL3 Evolution will have the perfect customized cockpit.





# VL3 CONFIGURATION







# WE HAVE CROSSED THE ATLANTIC OCEAN

→ [www.vl3-challenge.eu](http://www.vl3-challenge.eu)



## › TWO VL3'S CROSSED THE ATLANTIC OCEAN IN 15HRS

By buying a VL3 you will not only own a beautiful high-end ultralight but will be buying a lifestyle, exploring countries and enjoying life from up in the sky.

Each year we organize special journeys for and with our customers where we explore the whole of Europe, its countryside and most beautiful locations.

In July each year, Oshkosh airport, Wisconsin, near Chicago, hosts the largest air show in the world, the EAA AirVenture.

Initially reserved for amateur constructions, this one-week fly-in is attended by more than 10,000 aircrafts and about 500,000 people.

We were thrilled to fly to Oshkosh from Brussels using 2 VL3's in order to participate in this great air show.

The expedition took 30 hours of flight time done in 6 legs with much of the flying time spent above the North Atlantic waters for a total of 3565 Nm.

# DISCOVER EUROPE

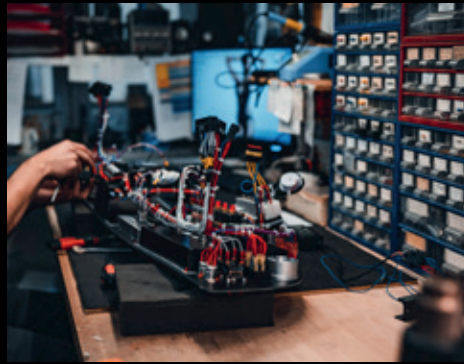
Buying a VL3 is not only owning a beautiful high-end ultralight - buying a VL3 means buying lifestyle, exploring countries and enjoying life from up in the air.



# DISCOVER THE AMERICAS

Buying a VL3 is not only about owning a beautiful, high-end ultralight – buying a VL3 means buying a lifestyle, exploring countries and enjoying life in the air.





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