

FUSION UL



MAGNUS
AIRCRAFT

The perfect blend of 21st century high-technology and excellence for those who never get satisfied with the ordinary or mediocre. Our aim is to design an aircraft that it is not only custom-made for you, but it is also about you.



HIGH-TECH, CARBON-FIBRE COMPOSITE AIRFRAME

AEROBATIC CAPABILITY

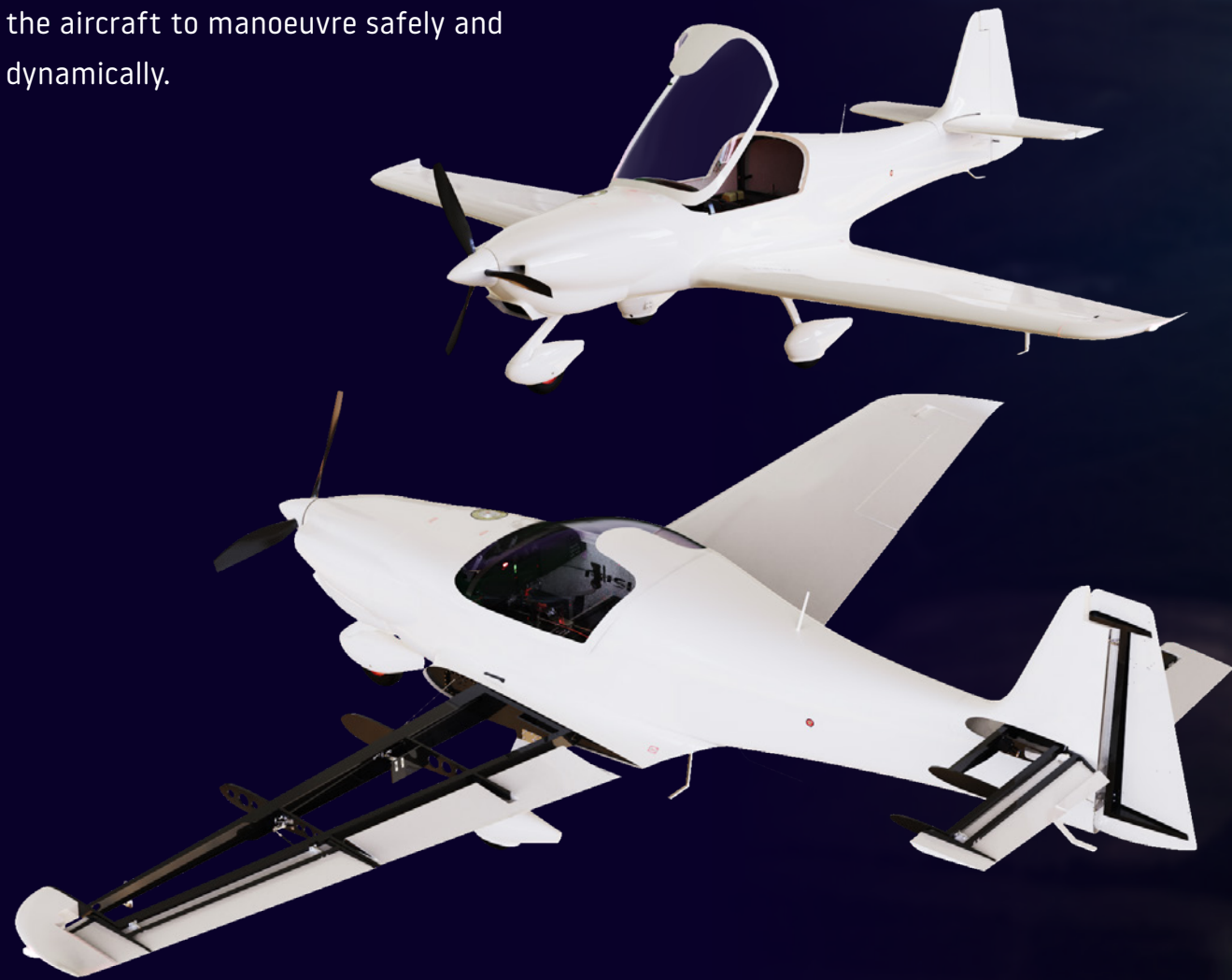
CAPABLE FOR INTENTIONAL SPIN

SEATS PLACED SIDE-BY-SIDE IN THE COCKPIT

BALLISTIC RECOVERY SYSTEM

LOW OPERATING COSTS

Thanks to the composite structure and aerofoil design, the aircraft is both extremely resistant and easily to manoeuvrable. The composite airframe and the symmetrical aerofoil allows the aircraft to manoeuvre safely and dynamically.



TECHNICAL SPECIFICATIONS

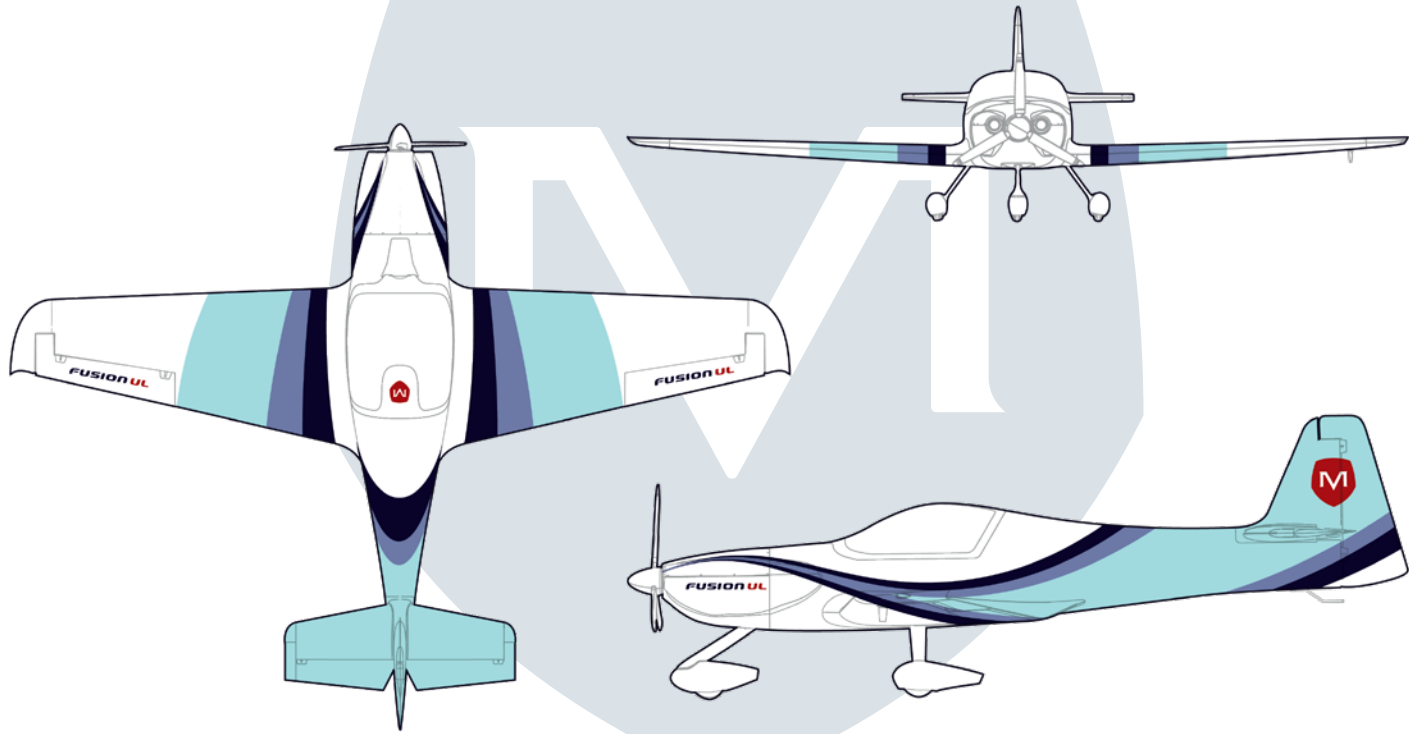
DIMENSIONS		WEIGHT	
Wingspan:	8,44 m / 27.69 ft	Max Baggage Weight:	20 kg / 45 lbs
Length:	6,62 m / 21.7 ft	Max Take-off Weight:	600 kg / 1323 lb
Height:	2,4 m / 7.87 ft		
Cabin Width:	1,17 m / 3.84 ft		
PERFORMANCE		ENGINE	
Take-off Distance:	150-250 m / 492-820 ft	Manufacturer:	Rotax / ULPower
Climb Rate:	4,5-6 m/s / 900-1200 ft/min	Model:	912-915 IS, ULS / 260-350 iSA
Max Operating Altitude:	3650 m / 12000 ft	Horsepower:	100 hp - 141 hp
Stall Speed with Flaps:	83 km/h / 45 kts CAS (LDG Config.)		
Max Cruise Speed:	214-256 km/h 116-122 kts TAS		
Fuel Consumption:	16-21 l/hr / 4.2-5.4 gal/hr		

* Options may vary depending on certificates.



CUSTOM DESIGN

A suit looks perfect when it is tailored to you. Why should it be different from your custom-made aircraft? With your customised Fusion UL aircraft, we guarantee not only our premium services, but also a personal consultation with our design team while we design your aircraft in accordance with your ideas necessary to create the satisfactory comfort and the exquisite appearance.



Our uniquely designed interior and exterior designs are made from first-class materials, with painted or foiled exteriors to fit your aircraft like suit a tailored to you.

FUSION UL



INTERIOR

COCKPIT DESIGN

The surprisingly wide cockpit has been designed to provide the perfect harmony of comfort and safety, while its detail and unity reflect your style. The choice is yours: first-class composite, plastic, metal, textile or even leather upholstery from the most sophisticated selection.

CANOPY

Through the wide panoramic canopy over you, we guarantee you will feel as safe as possible in your Fusion Premium aircraft, no matter you are looking at the sky or the ground. The specially molded acrylic glasses are manufactured to the highest quality standards with UV transmittance of less than 1%.



SEATS

The Fusion UL seats are designed for comfort, persistency and endurance. Feel free to test us, and enjoy your passion in the greatest comfort, encompassed by safety belts fixed at four different points.

VENTILATION AND HEATING

The modern ventilation and heating system ensures the ideal temperature for travelling, regardless of the season or altitude.

BAGGAGE COMPARTMENT

With a capacity of 20 kg and 150 litres of luggage space, you can fit all your and your passenger's essential belongings.



INSTRUMENT PANEL

When designing your instrument panel, you can choose from a range of convenient and functional layout options, as well as a selection of convenience accessories to match your field of use.



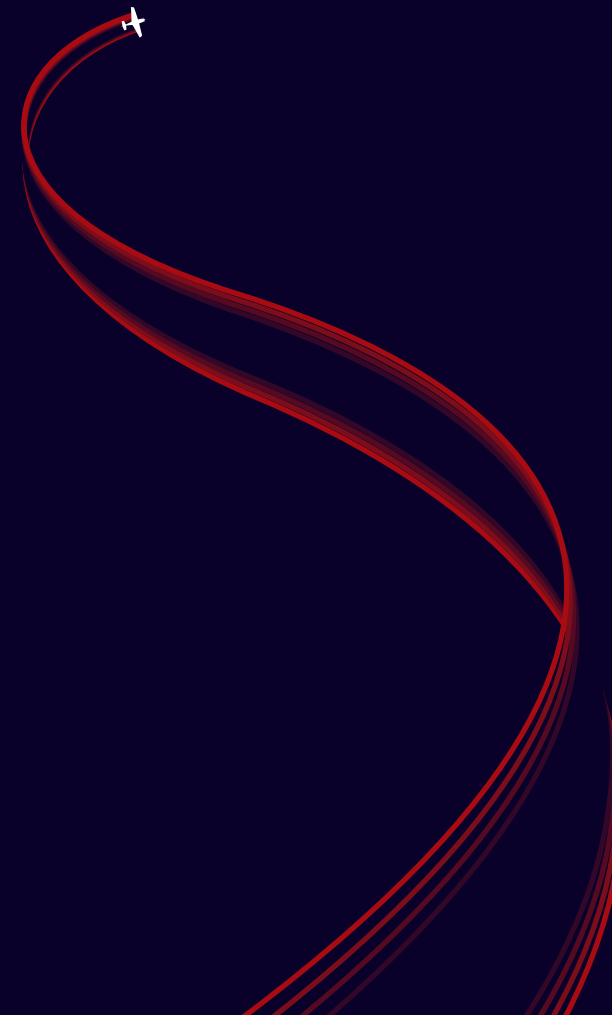
PREMIUM SERVICES

The FUSION UL aircraft is more than a product of excellent material quality and design. Our premium services provide, maintain and support the inseparable relationship between you and your aircraft on the long run. You can count on our full support from the very beginning, from the first step to delivery and beyond, including, but not limited to, dynamic financial conditions, certification support, constant availability of our design team, personal after-sales service and time-critical parts supply to meet your needs and schedule.



SAFETY FEATURES

Safety comes first, which is why a ballistic parachute system is an essential part of the standard equipment of our Fusion aircraft. The highest degree of safety apparatus is fixed at two points in front of the cabin and one point behind the cabin.





WWW.MAGNUSAIRCRAFT.COM