



nissus™

aim higher



Introducing **N I S U S**, a *personal aircraft* combining recreational and professional flying.

Taking off from the history that started a hundred years ago and continues till today, gyroplane is the first and the easiest aircraft to pilot ever designed.

If you are looking for a means of transport that would represent, *speed, safety and comfort*, **N I S U S** offers all that, plus unlimited adventure.



Take advantage
of this *extraordinary machine*





BENEFITS OF NISSUS

Urban Mobility
Easy Piloting
Short Take-off and Landing
Panoramic views
Low Operation and Maintenance Cost

CONSTRUCTION

The gyroplane supporting structure is welded from ***Chrommolybdenum steel*** tubes (25crmo4), which at a low weight ensure high rigidity and safety of the structure.



An aerial photograph of New York City, showing a dense grid of skyscrapers on the left and a large green park (Central Park) on the right, bordered by the Hudson River. The text "above and beyond" is centered over the image in a white, lowercase, sans-serif font.

above and beyond





UNIQUE N I S U S



Carbon Kelvar Hybrid

The inside of the cabin is fully layered with CKH to provide ***maximum safety*** of the crew in case of an emergency.

Safety Cage

Nisus is supported by a full circumferential frame securing higher safety, therefore providing a spectacular ***panoramic views***.

Saving energy

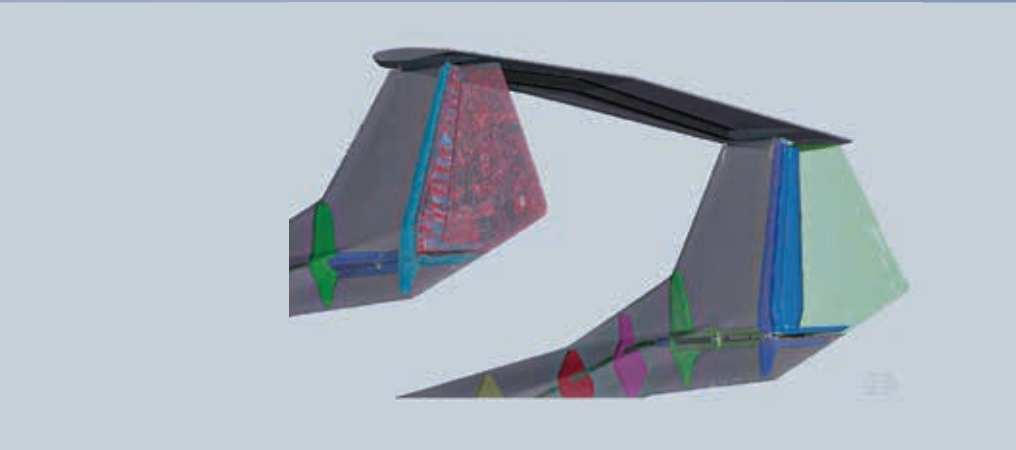
through unique design designed as ***Buoyancy body***, the faster it flies, the more you save.

Empennage

Its ***novel design*** with double rudder improves its functionality of manoeuvring at low speed, for example during landing.

Engine Cooling

Fits perfectly within our design, maintaining cooling of ***Rotax 915IS*** even at higher outside temperatures.



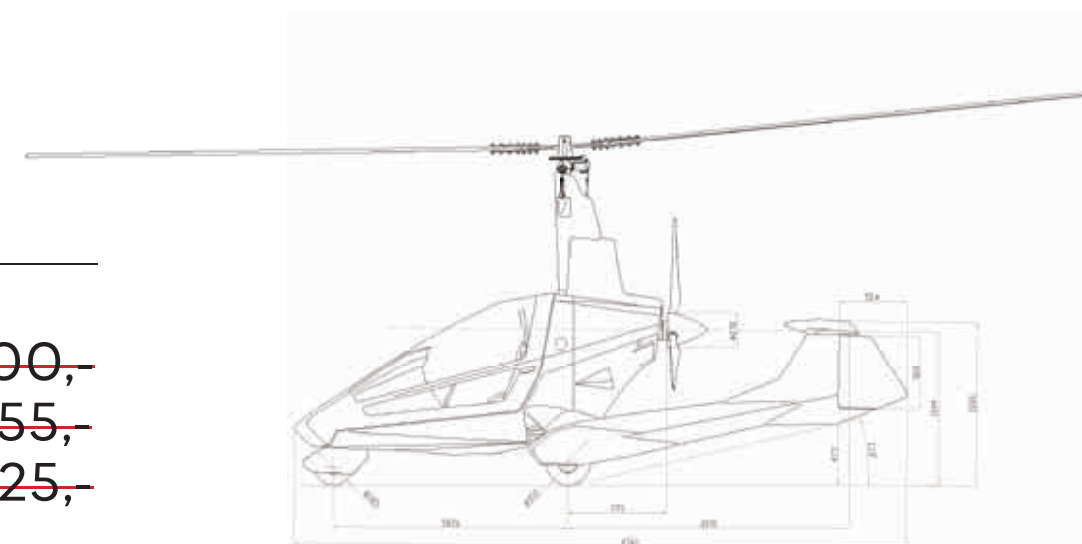
whirl with us





TECHNICAL DATA OF GYROPLANE NISUS

LENGHT X WIDTH X HEIGHT	4750 mm x 1900 mm x 2700 mm - cabin width 1300 mm
CRUISE SPEED	130 - 160 km/h (70-86 KIAS)
MAXIMUM SPEED	195 km/h (105 KIAS)
MINIMUM SPEED	30 km/h (16 KIAS)
ENGINE	Rotax 915IS (141 Hp)
ROTOR	Gyrotech 8600 mm
FUEAL TANK CAPACITY	92 l (2 x 46 l) or 24 GAL (US)
FRAME	Chrommolybdenum steel tubes
PROPELLER	Compositem, 3 blades
TAKE OFF DISTANCE	200 m (656ft)
LANDING DISTANCE	150 m (492ft)





www.nisus-aero.com