argo

WE MANUFACTURE PASSION

FLY THE NORTH
16.000 km Europe to USA



Manufaktura Lotnicza



It all begins with an idea

"Once you have had a taste of flight,

you will always walk on the ground

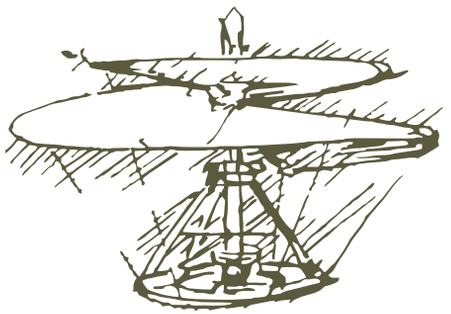
With your eyes fixed on the sky,

because that's where you've been

and that's where you'll always

you will desire to return"

Leonardo da Vinci

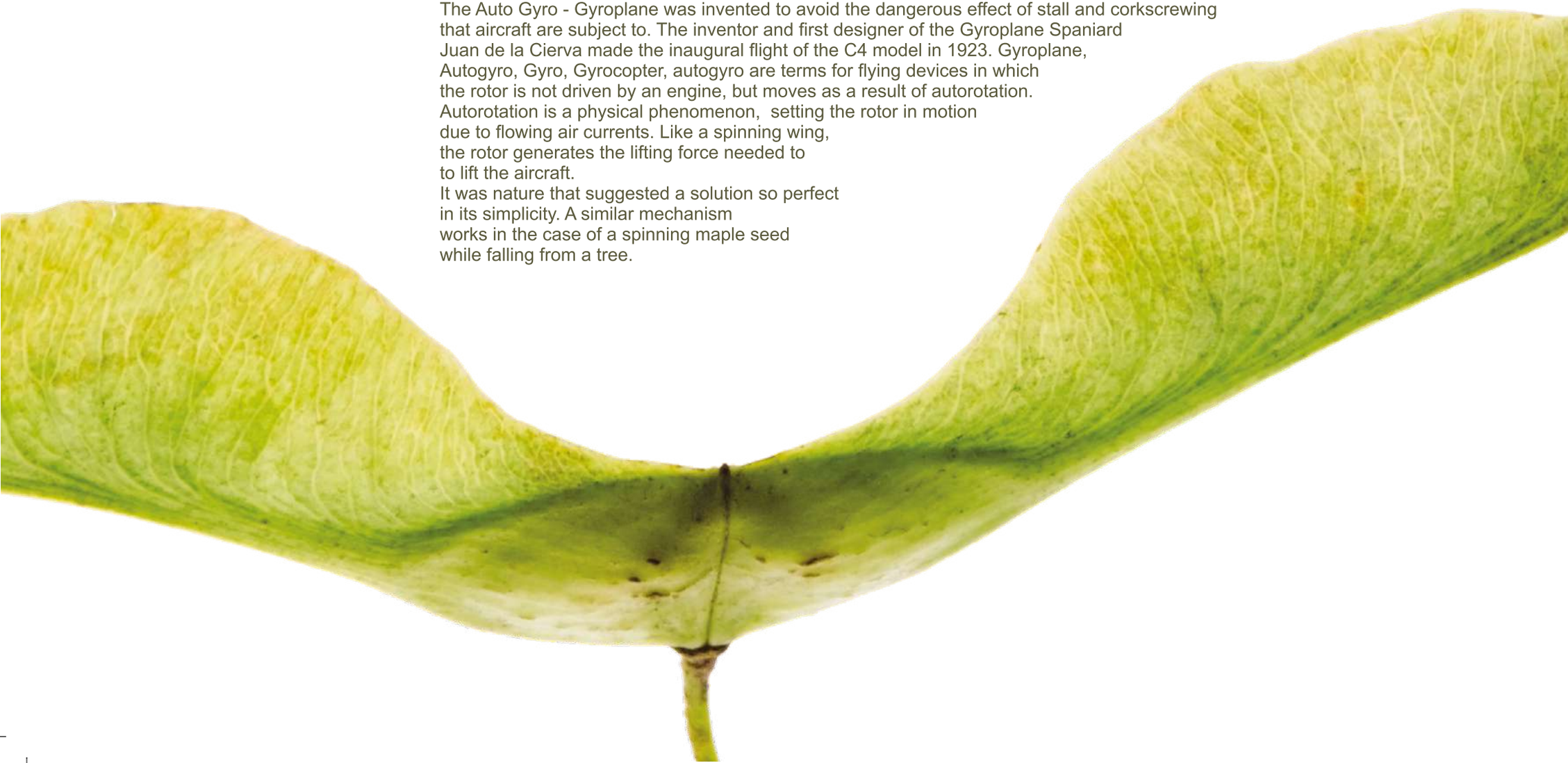




Manufaktura Lotnicza

WE MANUFACTURE PASSION

The Auto Gyro - Gyroplane was invented to avoid the dangerous effect of stall and corkscrewing that aircraft are subject to. The inventor and first designer of the Gyroplane Spaniard Juan de la Cierva made the inaugural flight of the C4 model in 1923. Gyroplane, Autogyro, Gyro, Gyrocopter, autogyro are terms for flying devices in which the rotor is not driven by an engine, but moves as a result of autorotation. Autorotation is a physical phenomenon, setting the rotor in motion due to flowing air currents. Like a spinning wing, the rotor generates the lifting force needed to to lift the aircraft.
It was nature that suggested a solution so perfect in its simplicity. A similar mechanism works in the case of a spinning maple seed while falling from a tree.





Live life with passion

Imagine a perfect day. You go to the garage, and there....
your very own rotorcraft is waiting for you.
You get in and fly. You feel safe and comfortable.
All around you is blue, with beautiful landscapes and mazes of roads below.
Traffic jams, radars.... they don't concern you now. You are above it all.
You have fulfilled your dream.... and you didn't even notice how quickly you arrived at your destination.
Now you can have your own helicopter at the price of a good car.
You can take advantage of attractive financing and the cost is fully tax deductible.

Don't hesitate, because you can afford more!

Manufaktura Lotnicza

ROTOR TECH

Manufaktura Lotnicza



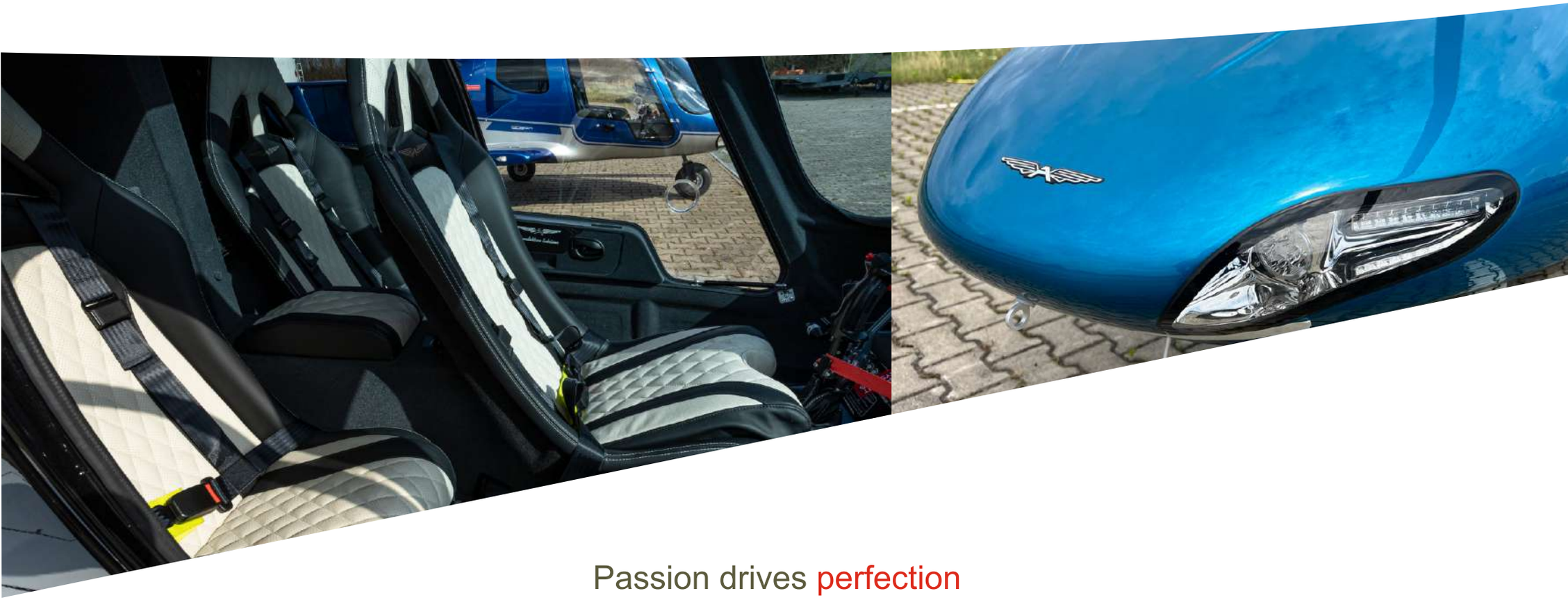
Our headquarters are located in Sobienie Szlacheckie at the EPSJ airport located next to the golf course.
This is the place where every flying enthusiast will find something for themselves Here we present Helicopters and Gyroplanes of the best brands. We are Exclusive Importer of EDGE Performance aircraft engines and other aviation accessories.
On the shelves of our store you will find essential for every Pilot accessories and gadgets.
You can reach us by landing at the airport adjacent to the factory or on our helipad The Gyroplane and Helicopter Service and Pilot School is also located here.



Three Person on board

Manufaktura Lotnicza

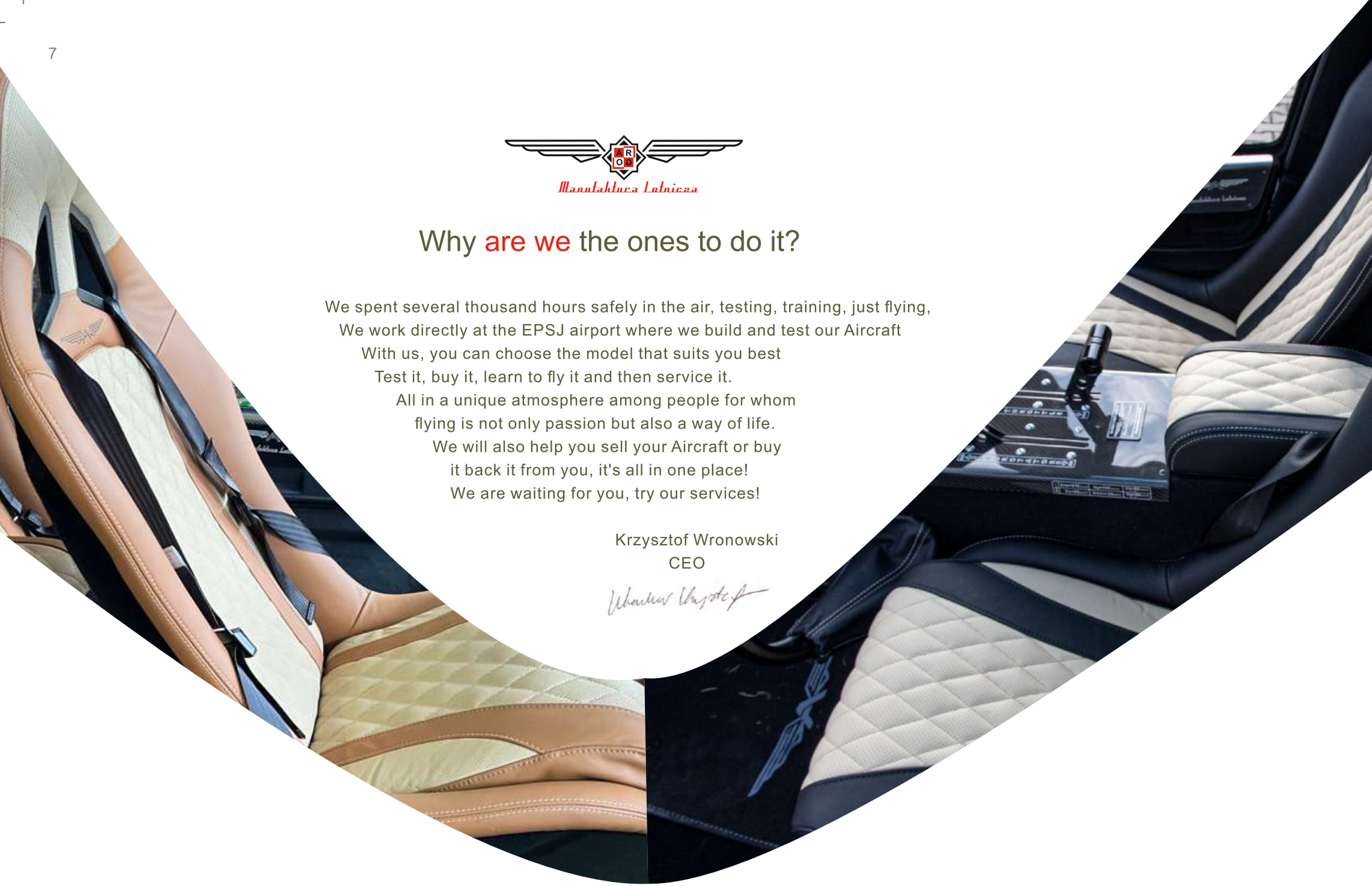
FLY THE NORTH
16.000 km Europe to USA



Passion drives perfection

In our company, almost all of us are pilots,
our experiences and visions, as well as our passion for flying make,
that the machines we design are recognized as the safest,
most reliable and easiest to fly
of the aircraft available on the market

MADE BY PILOTS FOR PILOTS



Manufaktura Lotnicza

Why are we the ones to do it?

We spent several thousand hours safely in the air, testing, training, just flying,
We work directly at the EPSJ airport where we build and test our Aircraft
With us, you can choose the model that suits you best
Test it, buy it, learn to fly it and then service it.
All in a unique atmosphere among people for whom
flying is not only passion but also a way of life.
We will also help you sell your Aircraft or buy
it back it from you, it's all in one place!
We are waiting for you, try our services!

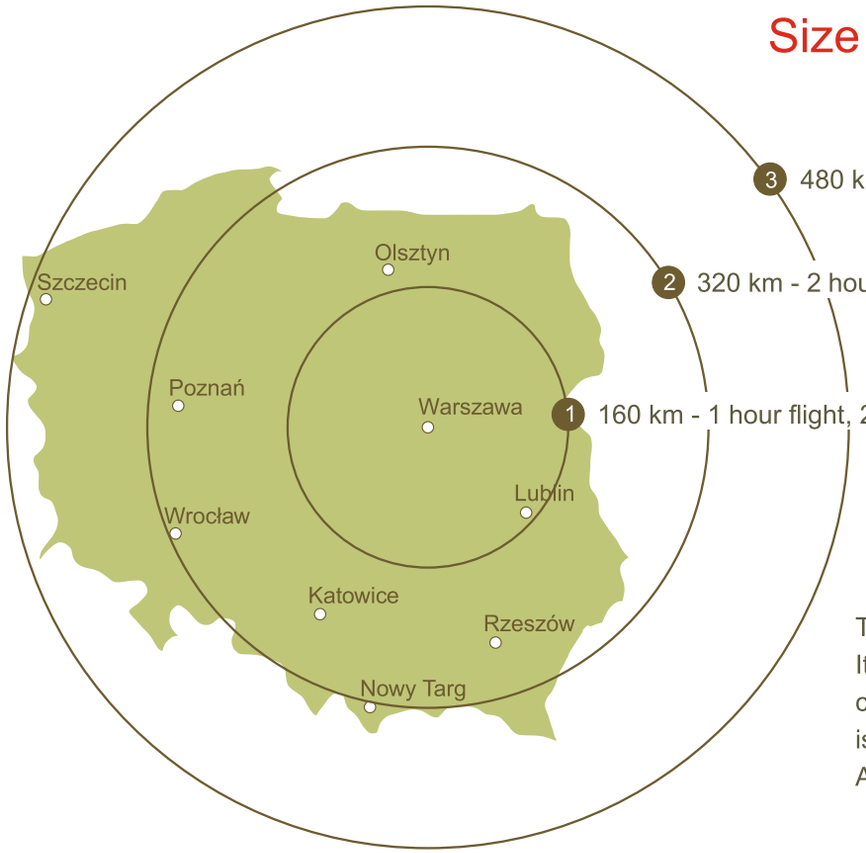
Krzysztof Wronowski
CEO



argon

ROTAX 160 HP

Size matters



3 480 km - 3 hours flight, 60 liters fuel

2 320 km - 2 hours flight, 40 liters fuel

1 160 km - 1 hour flight, 20 liters fuel



The range of the Gyroplane ARGON GTL is almost 1000 km
Its luggage space allows you to pack on a journey without compromise. You have 1m cubic of luggage compartment, is an excellent result, all of which makes,that the ARGON GTL is the first true Grand Turismo





The first really **Grand Turismo** gyroplane proof of concept

This magnificent serial production Gyro **ARGON GTL 915**

straight from the factory flew 1500 km from Poland to France.

...and this was just the beginning of the adventure...

Then by the northern transoceanic route traveled more than 16,000 km from Europe to North America over the English Channel, the Faroe Islands, Iceland, Greenland, Canada to the USA Oshkosh.

Perfect production process

The factory is located in Poland
in Sobienienie Szlacheckie
near Warsaw at the EPSJ airport
The production process is regularly
supervised and improved.
This guarantees the highest quality
and reliability of each machine.

Bundesrepublik Deutschland
Der Beauftragte

DAeC Luftsportgeräte-Büro
Musterzulassungsschein
Type Certificate
Nr.: DAeC-Kennblatt 66263
ARGON GTL

Our patent-protected cabin is a homogeneous body
made of carbon fiber. It features zones of
of controlled crush, providing maximum strength
with the lowest possible weight.
This is the most advanced and safest technology
Monocoque straight from the design of racing cars
Formula 1.

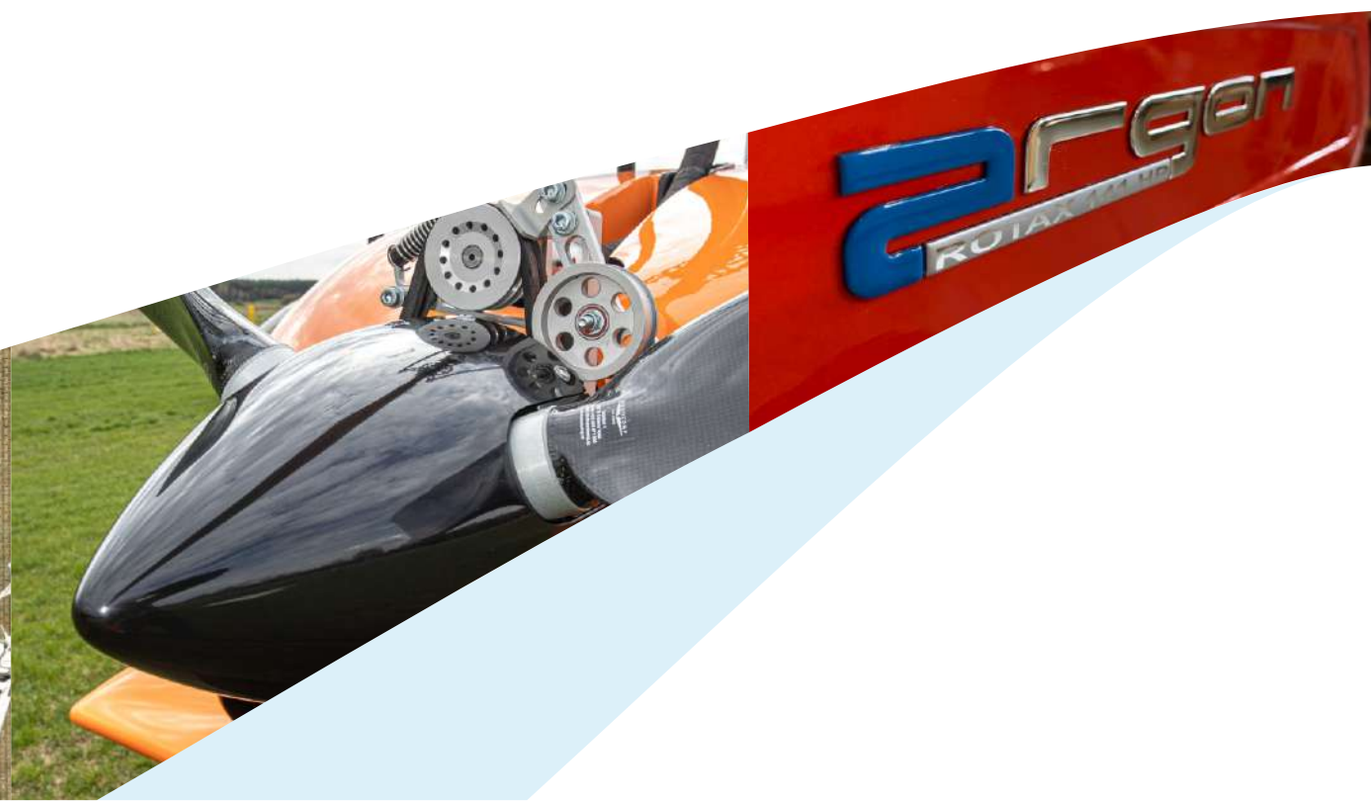
The ARGON Gyroplanes are constantly being improved.
We listen carefully to the suggestions of our customers.
It is for them that we build our Gyroplanes, and it pays off.

There are dozens of Gyroplanes ARGON 915 Classic
flying around the world and a couple the newest of
ARGON GTL.
At the moment we already offer the fifth generation of
these rotorcrafts.

On sale there are still:

ARGON GTL Grand Turismo
ARGON GTL Triple
ARGON 915 iS Classic





Waiting time for your dreams to come true
it's only 90 to 120 business days from ordering
and advance payment.
The online application allows you to track your progress
construction of your machine. The advantage is also easy
transporton a dedicated car trailer and quick preparation
for flight after delivery.



Production in Poland is also
unlimited technical support
and easy access to parts
consumables thanks to
online Electronic Parts Catalog

You don't need a hangar.
After removing the rotor
ARGON will fit in your garage.

Usability in every field of operation

Due to their advantages
Gyroplanes are used
by the military, fire departments and police.
But also by farmers for spraying,
or surveyors for precise measurements.

VIP CARD holders have priority
in maintenance services, rentals
and training.



Gyroplanes are rotorcrafts
with incredible capabilities.
They combine features of various
flying machines, but are devoid of the disadvantages
of most of them.

These machines can also be
equipped with laser and infrared cameras
infrared cameras for observation
and maintenance of above-ground power lines
power lines

The version on floats allows
takeoff and landing on water.







The first really **Grand Turismo** gyroplane proof of concept

This magnificent serial production Gyro **ARGON GTL 915**

straight from the factory flew 1500 km from Poland to France.

...and this was just the beginning of the adventure...

Then by the northern transoceanic route traveled more than 16,000 km

from Europe to North America over the English Channel, the Faroe Islands,

Iceland, Greenland, Canada to the USA Oshkosh.

Manufaktura Lubniewa

The ARGON gyroplanes have many advantages. Utility qualities put them in the first place among other aircraft.
Safety Factor of Gyroplane ARGON is directly incomparable to other types of aircrafts.

Flight smoothness and stability
Without perceptible influence of turbulence. As one of the few vehicles does not cause motion sickness.

Unprecedented
maneuverability
turn 180 degrees
in a few seconds
with a minimal radius.

Exceptionally large
and spacious cabin
so that every pilot feels in it
comfortable and convenient
ARGON also has the most
space for luggage

Wide range of
flight speeds
from 30 to 210 km/h



Maximum cabin glazing
provides excellent
and nothing
unrestricted visibility

Easy learning
from the beginning
of learning
to Pilot's license
Only 30 hours of practice.

Short takeoff and landing
give the possibility to
operate from all existing airstrips

Resistance to difficult weather conditions - ARGON can fly in any wind conditions when other aircraft are off limits.

Security
Landing possible
without running engine
- autorotation generates
lift in all phases of flight
giving you time to find
landing places.

Economy
- the engine is running on fuel car. Fuel consumption
that's about 18 liters per flight hour
at 180 km/h*
*one person on board

Easy transportation
with a dedicated trailer trailer.
Quick preparationmachine for flight
- one person - 20 min

Safety first

Bundesrepublik Deutschland
Der Beauftragte

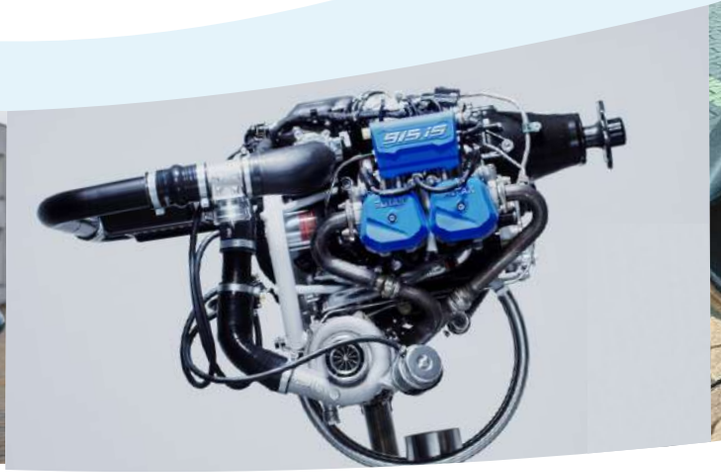
DAeC Luftsportgeräte-Büro
Musterzulassungsschein
Type Certificate
Nr.: DAeC-Kennblatt 66263
ARGON GTL

Reliable design:
Monocoque cabin made of
carbon composites
with crumple zones, to be exact
in the same way as constructed
are Formula 1 cars

ROTOR-Tech composite rotor with High Energy characteristics
free from the memory effect inherent in homogeneous materials,
made of carbon composite reinforced with aramid
-Kevlar. Its TBO (time to be overholed) is 2000 hours of work.

The highest marker of security is
factory, mass-produced,certified
ROTAX 915 aviation engine
with dual power systems and electronics.
You have this engine warranty
up to 5 years
valid in eachplace in the world.







Landing gears with an aluminum construction
absorbing energy during hard landings
eliminating the spring effect,
very dangerous for the crew.

Ergonomic seats designed on the
Mc'Laren look specifically to offset
the spinal loads and maintain the correctposition
even during the extreme phases of flight.
Two seat designs available, sizes L and XL
and more than a dozen upholstery patterns and colors.


FLY
THE
NORTH
16.000 km Europe to USA
SP-ZERO

argon
WE MANUFACTURE PASSION

Two-seater ultralight gyroplane

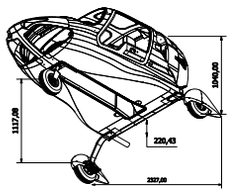


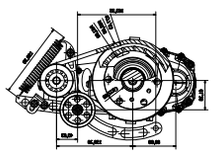
The ARGON brand is an icon of quality among aircraft. It is a combination of highest standard and ergonomics of design. Interior space, headroom and visibility from the cabin are the Gyroplane's strengths. ARGON 915 iS Classic is the most popular model, a fully professional machine that meets the most exacting standards of the regulations internationally recognized benchmark British BCAR Section T

. It is equipped with all the amenities you would expect in a top-of-the-line machine class. The ARGON 915 iS, thanks to improved aerodynamics, achieves a high cruising speed up to 180 km/h, so it can be successfully used for traveling over long distances. This machine sets a new quality, which has gained worldwide recognition In 2015, we won the Grand Prix award for Best Gyroplane at the World at the International Air Show in Oshkosch USA..

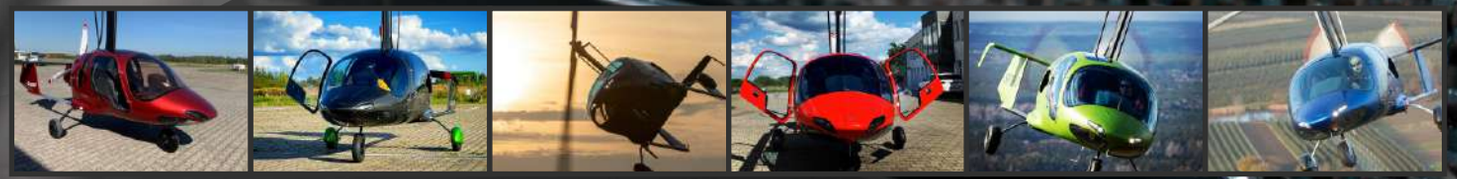


GRAND CHAMPION AWARD FOR THE GYROPLANE AT AIRVENTURE OSHKOSH USA 2015





ARGON 915 Classic offers more space in the cockpit compared to the competition, the cabin offers comfort and excellent working environment for the pilot as well as greatrest area for the passenger. Made of composites carbon monolithic design meets the highest BCAR safety standards.



Specs \ Model	
Cabin material	Carbon Fibre Monocoque
Engines	**ROTAX 915 iS**
Rotor	2 blades composite
Maximum take off weight	600 kg
Cruising speed	150-170 km/h
Fuel type	Car fuel 95 -98 oct
Max altitude	18000 ft
Range	600 km
Fuel quantity	85 l
Take off distance	50 -100 m
Landing distance	5 - 10 m
Empty weight	295 kg (*)
VNE	210 km/h
Climb speed	1200 ft/m
Rotor	Carbon Aramid 8,6m

argon
WE MANUFACTURE PASSION

Engine is the biggest feature



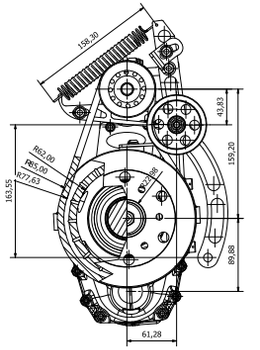


Dynamic iS engine with the best power-to-weight ratio,
full take-off power of 141 HP or 160 HP
and ceiling up to 23,000 ft (7 km).
Four-stroke piston engine with four water-cooled
and air-cooled cylinders
Dual electronic injection and ignition system, eco mode
Turbocharger with stainless steel exhaust system
Dry sump forced lubrication with separate oil tank
hydraulic valve lash adjustment
Engine Management System (EMS)
Electric starter (12V and 24V)
Propeller speed reducer
Air intake system with intercooler

Manufaktura Lotnicza

ROTAX TECH

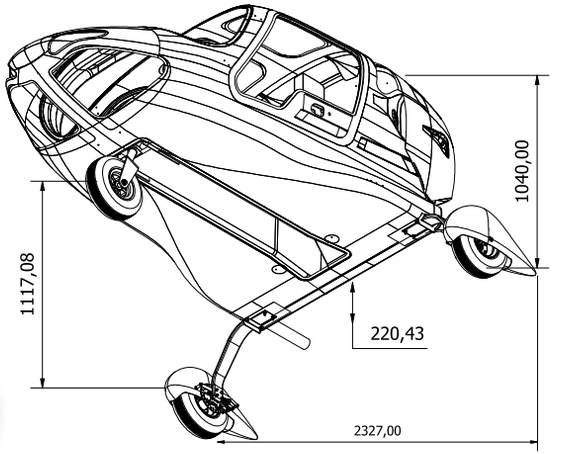
Durability
- service life of the ROTAX iS engine
allows eight times circumnavigation of the
Earth (2000 flight hours)

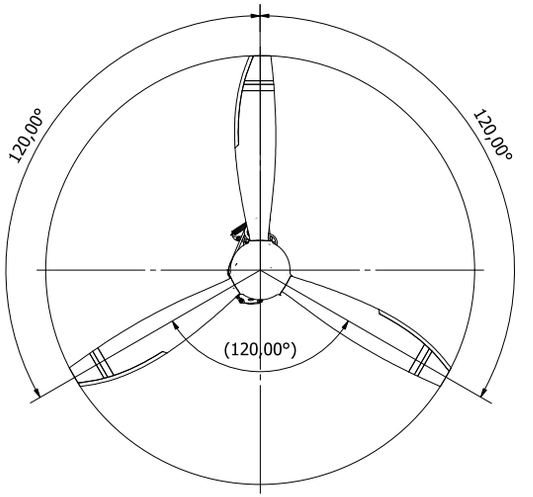


Up to 5 years warranty



Economy
- engine runs on regular fuel
95 or 98 octane automotive fuel
ARGON requires less maintenance
compared to with traditional aircraft.
And the total cost of operation including
resurfacing costs is only $35.





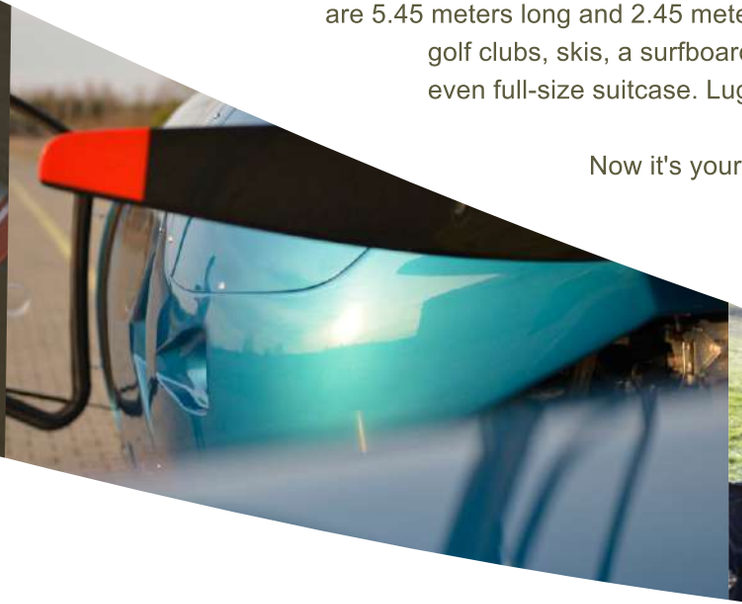
Manufaktura Lotnicza



ARGON 915

The first really GRAND TURISMO LONG Gyroplane







ARGON GTL redefines Gyroplane travel, finally planning your trip on your terms. 130 liters of fuel in the basic tanks and 80 liters in the optional tanks open up new horizons up to 6 hours without landing and more than 1,000 km of flight range with autopilot on board in complete comfort. You'll also discover new adventures with top-of-the-line GARMIN, DYNON and KANARDIA Avionics. The propulsion system of the factory's ROTAX 915 and ROTAX 916 engines with 141 and 160 horsepower, combined with the with unmatched on the market propellers from WOODCOMP and MT Propeller will make the flight experience will long be commented on by your passengers. The Single Lever Control system will allow you to take off the burden of operating a variable pitch propeller, you simply add or subtract throttle, the rest is done for you by a computer managed by the CAN bus of the engine and a hydraulic governor. Spacious interior, larger than in the classic ARGON 915, and a huge trunk. The dimensions of the ARGON GTL are 5.45 meters long and 2.45 meters wide. The trunk will accommodate golf clubs, skis, a surfboard, fishing rods, a folding bicycle and even full-size suitcase. Luggage space measures 1 cubic meter

Now it's your move, decide where to fly for the trip

argon
WE MANUFACTURE PASSION



Manufaktura Lotnicza

Bundesrepublik Deutschland
Der Beauftragte

DAeC Luftsportgeräte-Büro
Musterzulassungsschein
Type Certificate
Nr.: DAeC-Kennblatt 66263
ARGON GTL

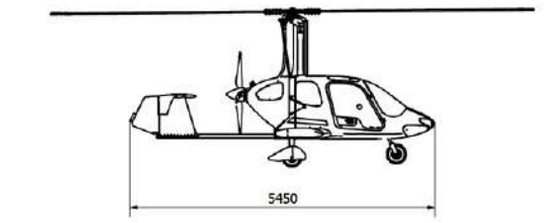


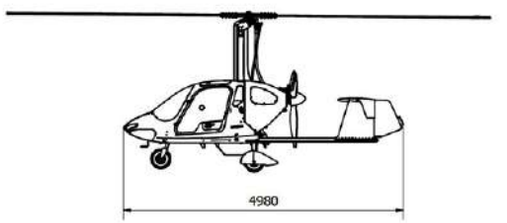
More than you expected ARGON GTL

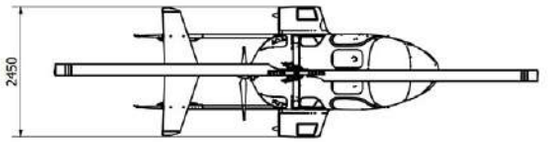
argon
ROTAX 160 HP

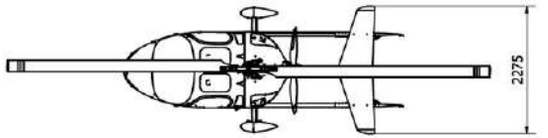
ARGON GTL - available engine:
ROTAX 915 iS
ROTAX 916 iS

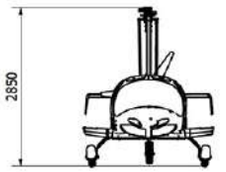


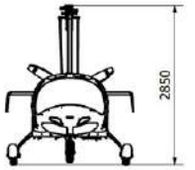












Up to 5 years warranty

Dynamic iS engine with the best power-to-weight ratio,
full take-off power of 160 HP
and ceiling up to 23,000 ft (7 km).
Four-stroke piston engine with four water-cooled
and air-cooled cylinders
Dual electronic injection and ignition system, eco mode
Turbocharger with stainless steel exhaust system
Dry sump forced lubrication with separate oil tank
hydraulic valve lash adjustment
Engine Management System (EMS)
Electric starter (12V and 24V)
Propeller speed reducer
Air intake system with intercooler

Manufaktura Lotnicza

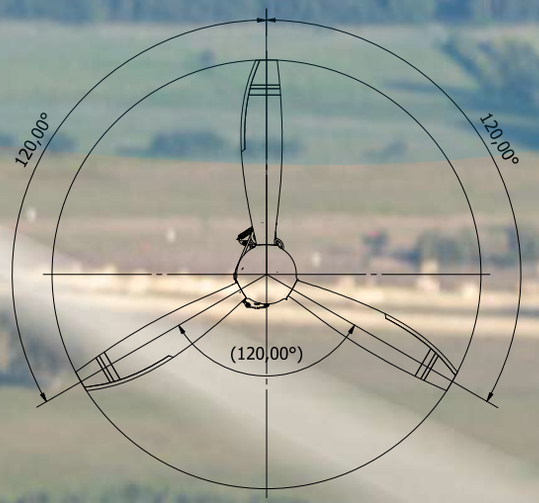
ARGON GTL
has obtained
GERMAN DAeC CERTIFICATE
nb 66263

A great achievement by the Manufaktura Lotnicza Team, confirming excellent, best quality among mass-produced Gyrocopters.
The ARGON GTL is an amazing masterpiece of engineering, combining state-of-the-art technology and craftsmanship.

Bundesrepublik Deutschland
Der Beauftragte

DAeC Luftsportgeräte-Büro
Musterzulassungsschein
Type Certificate
Nr.: DAeC-Kennblatt 66263
ARGON GTL

Manufaktura Lotnicza



Specs \ Model	
Cabin material	Carbon Fibre Monocoque
Engines	**ROTAX 916 iS**
Rotor	2 blades composite
Maximum take off weight	600 kg
Cruising speed	150-170 km/h
Fuel type	Car fuel 95 -98 oct
Max altitude	18000 ft
Range	900 km
Fuel quantity	130 l
Take off distance	50 -100 m
Landing distance	5 - 10 m
Empty weight	315 kg (*)
VNE	210 km/h
Climb speed	1200 ft/m
Rotor	Carbon Aramid 8,6m

ARGON GTL

More than you expected



Training

During the training, candidates for pilots acquire knowledge in the field of:
- Air Law regulations
- Aircraft knowledge
- Flight performance and planning
- Human capabilities and limitations
- Meteorology
- Navigation
- Operational procedures
- Principles of flight
- Communications and general flight safety





Even the safest flying machine in the world
does not guarantee comfort without reliable
preparation and training of the pilot
That's why we offer professional training.
The conditions are: at least 16 years of age,
have an aviation medical certificate,
min. secondary school education or equivalent
and you can start a great adventure
with aviation in our training center.

Theoretical training lasts 80 hours, and practical training includes 25 hours under the guidance of the most experienced instructors
on the best machines on the market.

Pilots with previous aviation experience
theoretical preparation is shortened
and individually determine the number of hours
to spend in the air.

The cost of training is relatively low.

The course ends with an exam after which one obtains a Ultralight pilot qualification certificate.



Manufaktura Lotnicza

Manufaktura Lotnicza



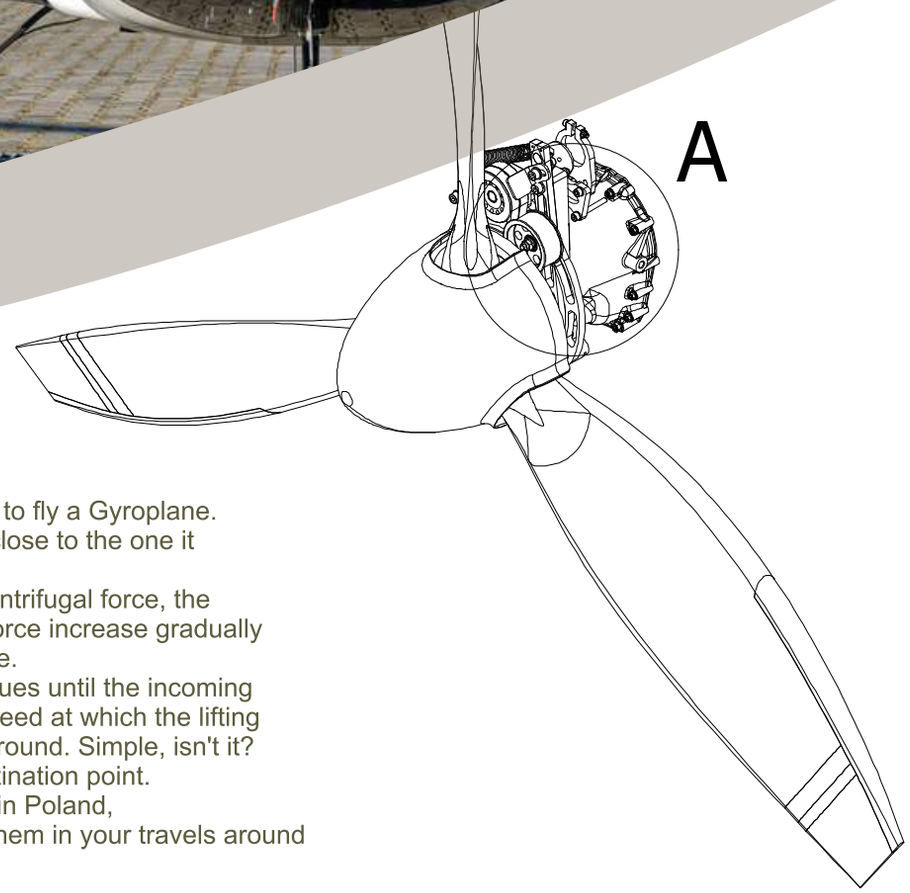


Tailor made

Each model can be configured according to your individual needs. You can choose upholstery, seats, also size and shape, avionics, cockpit color (including metallic) type of heating, means of communications and many other elements, thanks to which Gyroplane will meet all your expectations.
The decision on the selection of equipment elements will be facilitated by online configurator at www.argo.aero

Ready to fly... take off :)





You probably can't even imagine how easy it is to fly a Gyroplane.
Imagine this. You spin up the rotor to a speed close to the one it reaches in flight.
You then shorten the run-up time. Thanks to centrifugal force, the rotor stiffens and stabilizes, making the lifting force increase gradually and smoothly. Now you release the wheel brake.
When you add gas, the run-up begins. It continues until the incoming air currents rock the rotor and you reach the speed at which the lifting force overcomes gravity and pulls you off the ground. Simple, isn't it?
You fly thanks to built-in navigation to your destination point.
There are more than 600 airports and airstrips in Poland,
with the permission of the owner you can use them in your travels around Poland and the world.

Manufaktura Latająca



Three People on board

Manufaktura Lotnicza

ARGON GTL Fly The North

Epic tripp of two person on board
16 000 km over the Ocean

FLY THE NORTH
16.000 km Europe to USA



The first really **Grand Turismo** gyroplane proof of concept

This magnificent serial production Gyro ARGON GTL 915 straight from the factory flew 1500 km from Poland to France.
...and this was just the beginning of the adventure...
Then by the northern transoceanic route traveled more than 16,000 km from Europe to North America over the English Channel, the Faroe Islands, Iceland, Greenland, Canada to the USA Oshkosh.
Pilot Tof Gonin with this expedition went down in the annals of world aviation history because it was the first such feat accomplished with a Gyro in a two-man crew.
Could it be that the name of this Gyro - Grand Turismo Long - was the inspiration for this beautiful journey?
Surely there are other equally good Autogyro in the world, maybe even better, but only in ARGON GTL the only limitation is your imagination...
1000 liters of luggage space and 120 liters of fuel as standard make it unique.



ARGO AH-2.2

Two Seater
helicopter 600 kg MTOW



- automatic governor with RPM corelator
- full cowlings with big luggage compartment
- UL Power aviation engine
- glasscocpit avionics GARMIN GX3
- 3 axis autopilot
- modern luxury interior
- High Inertia Carbon Rotor peaceful 100% autorotation
- new modern instruments panel
- heater oil/water exchanger









ULPower engines have been developed specifically for use in light aircraftAircraft. Manufactured to the highest standards, the engines have afully electronic ignition and a multi-point fuel injection system (FADEC).
The engines are equipped with dual electronic ignition (with variable phases), dual fuel system and a forced cooling system.ULPower has an excellent power-to-weight ratio and high fuel efficiency fuel efficiency in conventional configuration: air-cooled, direct-drive drive, boxer 4 or 6-cylinder.

* All ULPower engines can fly on both automotive fuel and AVGAS - even with mixtures up to 15% ethanol.

Manufaktura Lotnicza



Specs \ Model	
Cabin material	Titanium/composite
Engines	ULPower 150 KM
Rotor	Composite HI 3 łopatowy
Maximum take off weight	600 kg
Cruising speed	180 km/h
Fuel type	Car fuel 95 -98 oct
Max altitude	15 000 ft
Range	600 km
Fuel quantity	90 l
Take off distance	0 m
Landing distance	0 m
Height	2,60 m
Length	6,50 m
Width	2,25 m
Rotor	8,0 m

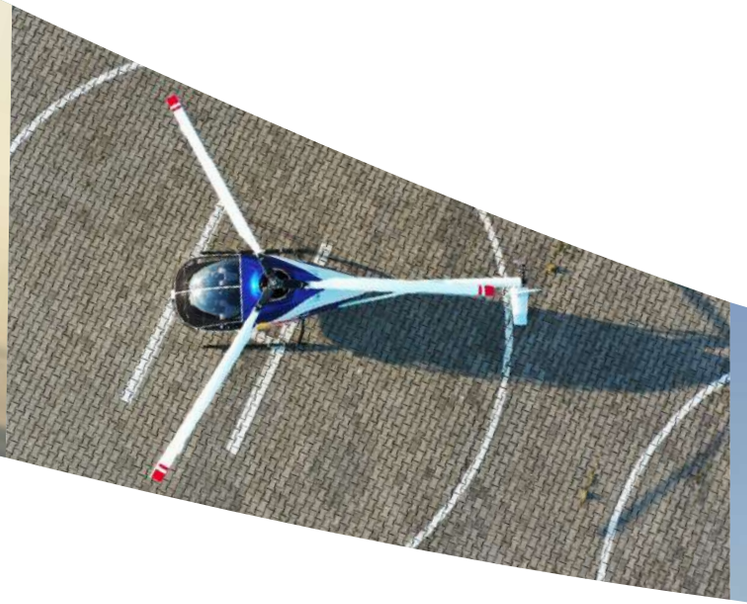
The ARGO AH2.2 has a three-blade nose rotor, which guarantees incredible stability in flight and excellent climb - up to 15 m/s.
Thanks to its lightweight composite construction, it is quiet and thanks to its modern Ulpower aircraft engine with 150 hp, it can reach speeds up to 210 km/h
It is incredibly maneuverable and rigid - the equivalent of a of a high-performance sports car. Its excellent performance, and semi-rigid rotor design allow it to achieve excellent results.






MAKE NEW DISCOVERIES WITH ARGO AH-2.3







Dynamic iS engine with the best power-to-weight ratio,
full take-off power of 160 HP
and ceiling up to 23,000 ft (7 km).
Four-stroke piston engine with four water-cooled
and air-cooled cylinders
Dual electronic injection and ignition system, eco mode
Turbocharger with stainless steel exhaust system
Dry sump forced lubrication with separate oil tank
hydraulic valve lash adjustment
Engine Management System (EMS)
Electric starter (12V and 24V)
Propeller speed reducer
Air intake system with intercooler



Manufaktura Lubnicza

ARGO AH-2.3

ROTAX 916 iS

The ARGO AH-2.3 features a semi-rigid three-blade main rotor that guarantees incredible stability in flight, its shape gives low aerodynamic drag. Thanks to its lightweight composite construction, its quiet and thanks to modern ROTAX aircraft 160 HP engines, it can reach speeds
up to 210 km/h



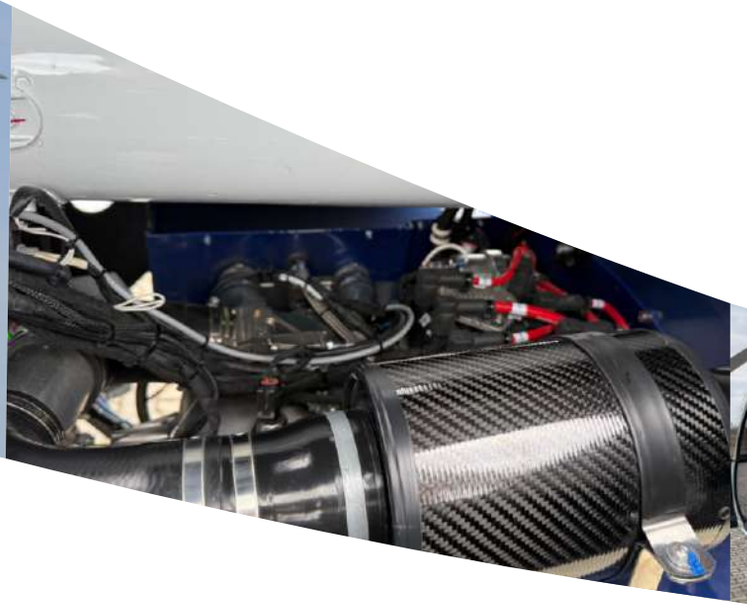
Specs / Model	
Cabin material	Titanium/composite
Engines	ROTAX 916iS 160 KM
Rotor	Composite HI 3 łopatowy
Maximum take off weight	600 kg
Cruising speed	180 km/h
Fuel type	Car fuel 95 -98 oct
Max altitude	15 000 ft
Range	600 km
Fuel quantity	90 l
Take off distance	0 m
Landing distance	0 m
Height	2,60 m
Length	6,50 m
Width	2,25 m
Rotor	8,0 m



WE MANUFACTURE PASSION

ARGO AH 2.3



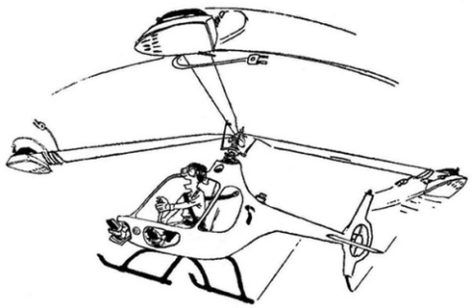




Two-seater
Light Helicopter

This is an innovative design in the VLR category of light helicopters,

ARGO AH 2.3 has enough space to take two people and their carry-on luggage on board.
It is powered by a modern UL-Power 160 hp engine or a ROTAX 916 iS
It features a unique Multilayer Monolithic Composite Cabin protected by an international Class A1 patent.
Powered by automotive fuel, it is a leader in terms of economy.
It is perfect for the whole family or business.



ARGO AH-2.3 has a three-blade semi-rigid main rotor, which guarantees incredible stability in flight, its shape gives low aerodynamic drag
Easy autorothation guarantee High Inertia Carbon Rotor
Thanks to its lightweight composite construction, its fast.

The engine is the most important, it is light and, powerful, designed as an aircraft engine with all systems doubled, it runs at a low speed of 3200- 3500 RPM, for a long life. Belts transmission, we have used drive belts from Robinson, proven and long life.
Another key factor is the engine fairing, airflow tests in the wind tunnel showed large disturbances forming behind the helicopters without engine cowlings, which limited speed and caused shimmying at higher speeds. The narrow engine fairing integrated into the cabin and large luggage compartment is a step forward. Main rotor, blades made of carbon fiber with the center of gravity distributed toward the blade tip, the so-called High Inertia rotor, making autorotation much easier and safer, the blades have a leading edge made of metal. Also worth mentioning is the adjustable speed controller (governor), which works integrated with the mechanical correlator with possible power adjustment in the range of 300 RPM .Nice interior and modern avionics built into the ergonomic instrument panel. Integrated active safety systems strobe lights that work together with the FLARM Airborne Warning System. New composite bucket ergonomic seats, premium leather and alcantara trim materials and GARMIN with 3-axis autopilot complete the package.



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www.argo.aero

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