

# *CAVALON*

JOURNEY THE WORLD SIDE BY SIDE



**auto  
GYRO**  
Enjoy the difference

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## FLYING WITH PRIDE

### International recognition

Within a few months of the market premier in 2012, the Cavalon received the *Red Dot Design Award* in the product design category.

With more than 18,000 entries yearly from design professionals, companies and organizations from over 70 countries, the Red Dot Design Award is one of the world's largest and the most renowned design competition.

In 2014, the Cavalon was honored to receive the renowned German Design Award from the German Design Council, which is commissioned by the German Bundestag (the lower house of German parliament) as a foundation since 1953. The foundation is one of the world's leading competence centers for communication and brand management in the field of design. From a total of around 1,900 high quality nominations, the best 90 design products are denoted as the award winners.



reddot design award  
winner 2012



German  
Design Award

WINNER



## FLYING WITH PERFORMANCE AND ELEGANCE

Pure craftsmanship - Made in Germany

Every Cavalon is crafted with characteristics that combine aesthetics, functionality, and elegance.

From its distinctive gull-wing doors, to the ergonomically designed and beautifully crafted interior, it simply looks right.

The large door windows and front screen are not only elegant in design, they are functional too. They offer stunning views and excellent visibility for the occupants.

The shark gill style of the engine bay cowlings completes the sporty look, while providing effective engine cooling.

The sleek lines, quality construction, power and refinement of the Cavalon have set an entirely new standard in the global gyroplane market.





## FLYING WITH CABIN COMFORT

### Ergonomic Elegance

The cockpit is center in the entire design concept. Modern EFIS (Electronic Flight Instrument System) and the latest models of Garmin equipment, are seamlessly integrated into the layout. German design ergonomic concepts ensure that every flight experience is the best.

Both seats and pedals can be adjusted to your desired position. The cabin heater and seat heater creates a cozy flight environment, where you can enjoy your wide and roomy cabin even in cold and wintry weather conditions.

With adjustable lumbar support, you will be fully relaxed within the warm cabin environment. The same variable speed heater fan blows cool air into the cabin in hot conditions, which provides ample cool ventilation to the cabin. In warm weather, the doors can be removed easily via the quick release system, bringing the outdoors inside.

So take your seat, relax and enjoy your journey.



## CABIN HEATER

The engine coolant heats the air via variable speed fan driven heat exchanger in the aircraft nose. This carbon monoxide free system means both effective screen demisting and a warm cabin even when freezing outside.

## SEAT HEATING AND LUMBAR SUPPORT

Both seats can be fitted with heaters in the base and the back cushions. Pneumatic lumbar support can also be fitted a welcome addition especially for cross country flying

## CABIN VENTILATION

Regulated fresh air can be drawn through the aircraft under-nose scoop, or the door scoops. One or both doors can be removed to have a full fresh air feeling

## LUGGAGE ROOM

A backpack can be fitted to the rear of each seat back

## ADJUSTABLE SEAT POSITION

The seat back can be moved axially, giving the perfect position for the pilots from 1.5m to 2m tall

## ADJUSTABLE SEAT ANGLES

Allowing the pilot and passenger to adjust their seat for a comfortable flight



## ADJUSTABLE PEDAL POSITION

To match different leg lengths for maximum comfort

## OPTIONAL QUICK RELEASED STICK FOR EASY / DISABLED ACCESS

By removing two *pop-pins*, the stick can either be fully removed or laid flat, making access much easier

## OPTIONAL DISABLED CONTROL SYSTEM

This is a full hand control system, allowing the aircraft to be controlled in pitch, roll and yaw from the stick mounted yoke

## HAND CONTROLS

For the best possible ergonomics, the power lever is located in the center channel for the left hand, with the right hand on the stick with push-to-talk button, pitch and roll trim and prerotate activator

## SINGLE LEVER CONTROL

RS Flight Systems single lever control together with the WOODCOMP KW 30 hydraulic constant speed propeller is managed automatically and delivers maximum thrust at all times according to the throttle setting. It reduces workload and increases flight safety, so that the pilots can easily manage complex missions in marginal weather condition or at night

## OPTIONAL LEFT SEAT LEFT HAND THROTTLE FOR INSTRUCTOR USE

Option for flight schools



More configuration options are available! Please talk to your sales representative for details.



## FLYING WITH CONNECTIVITY

### Integration of state-of-the-art avionics

AutoGyro is proud to offer a range of panels to suit all needs, from simple minimalistic arrangements to high-end fully integrated cockpits with the proven Garmin technology.

AutoGyro aircraft are available all over the world, using proven globally accessible equipment. Partnering with BRP Rotax and Garmin enables AutoGyro to ensure worldwide support for our products.

This equipment is state of the art, and subject to change as technology advances. The full Garmin panel is designed to link directly to the engine CAN bus system, and provides unparalleled functionality to the pilot.

You can easily mount your mobile devices of multiple generations to the cockpit panel with an additional holder, and charge it during your journey. It further enables easy access to digital content to enhance your flying experience.



## FLYING WITH ENHANCED SAFETY

The concept of the safety cell and multiple standardised safety systems

Just like modern cars, multiple safety measures are developed and fitted in an AutoGyro gyroplane. These unique features unveil the real German craftsmanship.

Safety is at the heart of AutoGyro design. The remarkable monocoque safety cell concept comprises an extremely strong glass and carbon body cell structure. This is proven in test, and in practice, to provide best in class protection for the occupants. The strength of the forward door post structure prevents any crumpling in an accident, absorbing the enormous energy of the engine and seat harness loads. There is no danger of the cabin crumpling in an AutoGyro aircraft.

Multiple warning sensors are equipped as standard to the Cavalon to keep the pilot fully aware of the aircraft status. Indicators such as low fuel, a low voltage lamp with integrated management system, fuel pressure, engine bay fire warning with integrated test system, independent multiple sensors such as oil pressure and low oil pressure warning, coolant temperature and high coolant temp warning. All these systems are designed to provide redundancy and amplified warnings to ensure full situational awareness.

This is where the years of AutoGyro experience and knowledge counts.



## FLYING WITH CONSPICUITY

### The concept of physical and electronic visibility

Conspicuity within the world of aircraft means to be seen, either physically or electronically – and to see other aircraft. AutoGyro embodies the latest equipment, ADS-B (Automatic Dependent Surveillance–Broadcast) requirements, transponder Mode S, and all associated devices as they develop. AutoGyro aircraft are fully compliant with ADS-B in and out requirements, where required.

Physical conspicuity is also key to safety, and in this regard, AutoGyro offers a range of suitable strobe and navigation lighting for both day and night VFR lighting (where permitted).



Navigation and strobe lamps are tail fin mounted for excellent visibility and minimal cockpit flash.

AutoGyro night lighting is fully certified for night VFR operation, where permitted. It includes basic landing lights and an optional super-bright under body landing light.

Excellent balanced and dimmable instrument lighting with an interior and map light make night operations a pleasure.



# FLYING WITH POWER

## Aircraft engine performance

The Cavalon aircraft is available with two engine options\*.

Rotax 915iS 141hp, turbocharged is fuel injected engine. It is equipped with the state of the art of technology in modern aircraft engines. No carburettor icing with this engine in your aircraft. It is fully computer controlled, enabling excellent low fuel burn in the cruise, whilst providing startling performance when used to its potential.

Two integral independent alternators mean that the engine management system has a dual redundant safe energy supply. In normal use the primary alternator supplies the engine management system, and the secondary supplies all on board systems, with fully automatic switching in case of failure. An auxiliary alternator is available to power additional equipment such as camera and Lidar systems.

Featuring also dual ignition, dual fuel injection, and even dual engine sensor arrays, this engine is an exceptionally reliable power supply for our aircraft.

\*Rotax 914UL 115hp, turbocharged is for special order only.

### TECHNICAL DATA OF ROTAX ENGINE 915 IS

- |  |   |   |  |
|--|---|---|--|
| <ul style="list-style-type: none"><li>• Dual Lane full power with single lane use</li><li>• Dual Generators Fail safe due to dual generator design</li></ul> | <ul style="list-style-type: none"><li>• Redundant Sensors<ul style="list-style-type: none"><li>» Dual ambient pressure sensors</li><li>» Dual boost pressure sensors</li><li>» Dual manifold pressure sensors</li><li>» Dual oil pressure sensors</li></ul></li></ul> | <ul style="list-style-type: none"><li>• Redundant fuel injectors</li><li>• Redundant spark plugs</li><li>• Redundant ignition boxes</li><li>• Redundant EMS ( Engine Management System ) ensures safe operation</li></ul> | <ul style="list-style-type: none"><li>• Full take of power up to 15.000ft</li><li>• Engine Service Ceiling at 23.000ft</li><li>• 141hp take off power</li><li>• 135hp continuous power</li></ul> |
|--|---|---|--|

COCKPIT CONFIGURATION \*

STANDARD



\*Cockpit layouts may vary to suit customer and market requirements, and are subject to change.

**1. 2. Garmin G5**

- Airspeed
- Altitude attitude
- Vertical speed
- Gyro compass
- Slip ball
- the 2<sup>nd</sup> Garmin G5 is optional, with backup battery

**3. f.u.n.k.e. radio and transponder or TRIG transponder**

**4. Optional fitment of multiple gauges**

- Vertical speed
- Altitude
- Clocks
- Traffic avoidance systems
- Emergency Locator

**5. Optional fitment of iPad or other devices**

- Full map displays
- Full flight management data

**6. GFC 500 Digital AutoPilot**

- Heading - Track - Level - Navigation - Auto pitch trim

**7. Garmin GSB 15**

- USB A/A or A/C
- 3A pro slot

**8. Constant Speed Propeller Pitch Control**

- fully automatic control available

COCKPIT CONFIGURATION \*

STANDARD WITH GPS



\*Cockpit layouts may vary to suit customer and market requirements, and are subject to change.

**1. 2. Garmin G5**

- Airspeed
- Altitude attitude
- Vertical speed
- Gyro compass
- Slip ball
- the 2<sup>nd</sup> Garmin G5 is optional, with backup battery

**3. f.u.n.k.e. radio and transponder or TRIG transponder**

**4. Optional fitment of multiple gauges**

- Vertical speed
- Altitude
- Clocks
- Traffic avoidance systems
- Emergency Locator

**5. Position for customer devices**

- Full map displays

**6. Garmin aera 760 7 inch Touch**

- Heading - Track - Level - Navigation

**7. Garmin GSB 15**

- USB A/A or A/C
- 3A pro slot

**8. Constant Speed Propeller Pitch Control**

- fully automatic control available

COCKPIT CONFIGURATION \*

DUAL GARMIN G3X 7 INCH



\*Cockpit layouts may vary to suit customer and market requirements, and are subject to change.

**1. 2. Garmin G5**

- Airspeed
- Altitude attitude
- Vertical speed
- Gyro compass
- Slip ball
- the 2<sup>nd</sup> Garmin G5 is optional, with backup battery

**3. f.u.n.k.e. radio and transponder or TRIG transponder**

**4. 5. Garmin G3X GDU 450 7 inch**

- Primary flight display navigation
- Engine monitoring

**6. Garmin Radio GTR 225 A or B**

- VHF Radio- 8,33kHz and 25kHz spacing
- 10W or 16W transmitting power
- Dual watch
- Remote capabilities with Garmin G3X

**7. Garmin GSB 15**

- USB A/A or A/C
- 3A pro slot

**8. Constant Speed Propeller Pitch Control**

- fully automatic control available

## COCKPIT CONFIGURATION \*

## GARMIN G3X 10 INCH



\*Cockpit layouts may vary to suit customer and market requirements, and are subject to change.

**1. 2. Garmin G5**

- Back up PFD

**3. Garmin G3X GDU 460 10 inch**

- Primary flight display navigation  
- Engine monitoring

**4. f.u.n.k.e. radio and transponder or TRIG Transponder**

- Alternatively Garmin GTX 35R or GTX 45R may be fitted

**5. Garmin Radio GTR 225 A or B**

- VHF Radio- 8,33kHz and 25kHz spacing  
- 10W or 16W transmitting power  
- Dual watch  
- Remote capabilities with Garmin G3X  
- Alternatively GTR20R radio (VHF 25kHz spacing only) may be fitted

**6. Garmin GSB 15**

- USB A/A or A/C  
- 3A pro slot

**8. Constant Speed Propeller Pitch Control**

- fully automatic control available

COCKPIT CONFIGURATION\*

GARMIN G5 & GARMIN G3X 7 INCH/10 INCH



\*Cockpit layouts may vary to suit customer and market requirements, and are subject to change.

- 1. Garmin G3X GDU460 10 inch
- 2. Garmin G3X GDU450 7 inch

- 3. Garmin Audio Panel GMA245
  - For use of 2 radios
  - Various intercom options
  - Independent use of both radios for both crew members
  - Various isolation options
  - Playing music and using phone over bluetooth connection

- 4. Garmin Radio GTR 225 A or B
  - VHF Radio- 8,33kHz and 25kHz spacing
  - 10W or 16W transmitting power
  - Dual watch
  - Remote capabilities with Garmin G3X

- 5. Garmin GTX45R or GTX 35R with GPS20A optional GDL 52R
  - Mode S - ADSB IN & OUT - remote - WAAS position
- 6. GFC 500 Digital AutoPilot
  - Heading - Track - Level - Navigation -Auto pitch trim

- 7. Garmin GSB 15
  - USB A/A or A/C
  - 3A pro slot
- 8. Dual Garmin G5
  - Back up PFD

SEAT CUSHION



Seat covers are customizable in a variety of colours.



More configuration options are available! Please talk to your sales representative for details.



Seat Cover Standard

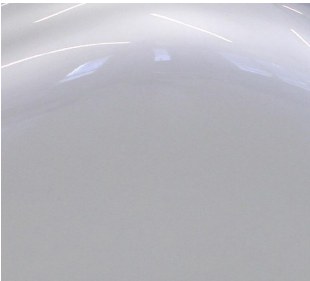


Seat Cover Alcantara Anthracite

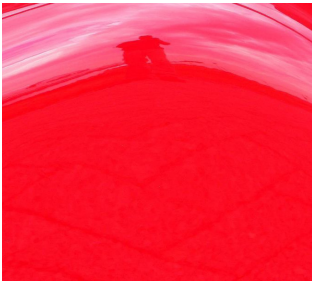


Seat Cover Alcantara and Leather

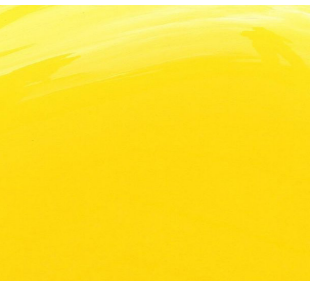
BASIC COLOUR OPTIONS



TRAFFIC WHITE



CORRIDA RED



RACING YELLOW

LET YOUR IMAGINATION RUN WILD!

AutoGyro has a range of standard colours. Recognizing individual pilots have individual needs, a multitude of alternative paint scheme options are available.

AutoGyro will paint your aircraft in any RAL colour, or mix of colours. Special themes such as gold leaf or Swarovski Crystal can be integrated into the paint.

So create your own unique Cavalon, and stand out.

COLOUR OPTIONS



Body paintings are customizable in a variety of colours.



More configuration options are available! Please talk to your sales representative for details.



Ferrari Rosso Red



Verdi Mantis Green



Giallo Midas Lamborghini



Miami Blue



Matt Grey



Audi Beere Metallic



Alfa Romeo Blue Franca Metallic



Porsche Orange

COLOUR COMBINATIONS



Blue Metallic & Anthracite Grey



Bentley Orange Metallic & Anthracite Grey



Silver with Lime Green



Argonite Silver with Aqua Blue Metallic

PROPELLER



HTC 4-BLADE PROPELLER

A relatively simple ground adjustable propeller comprising carbon fibre composite blades fitted into a 2-part aluminum hub.

Fixed pitch propellers are simple and light. With the powerful engine 915 iS, they can reach maximum rpm of 5800. A fixed pitch propeller must be pitched to give the best compromise of climb rpm without being set to not over-rev in high speed level flight. To get the best from this engine, an in-flight pitch adjustable propeller has to be fitted, which also enables the use of lower rpm in the cruise for lower noise generation.



WOODCOMP IN-FLIGHT PITCH ADJUSTABLE PROPELLER

The electric KW-31 has been used by AutoGyro for many years, and in this application – in conjunction with Rotax recommendations – the hydraulic version KW-30 is offered. This is a full constant speed propeller delivering full engine rpm – or any rpm desired by the pilot – in all operating conditions.

To further reduce pilot workload, AutoGyro also offers the integration of the RS Systems Single lever throttle control. This remarkable device sets the propeller pitch to match the engine rpm, providing stunning performance.



THE 5-BLADE DUC PROPELLER  
HELICES FLASH 2\*

This option is available for amphibious operation. The metal leading edge provides excellent protection in this harsh environment.

ROTOR



More configuration options are available! Please talk to your sales representative for details.



**8.4m TOPP** Excellent all-round system with good inertia and excellent long range cruise handling.

**8.6m TOPP** Large disc area gives slightly more drag, but more lift. Ideal where flight operations are generally with a mass of 560kg or above, or in warmer or higher environments.

**8.8m Standard\*** For floats or high load operations.

MAIN WHEEL TYRES



STANDARD TYRES

Sava 6PR aircraft certified tyres.



OPTIONAL HEAVY DUTY TYRES




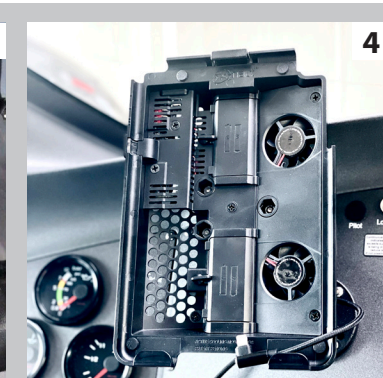

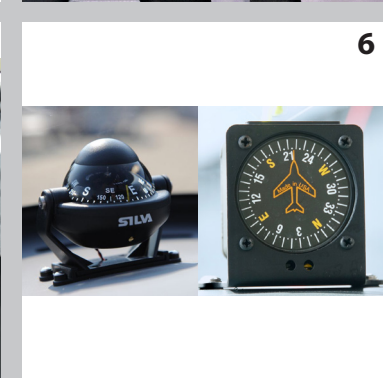
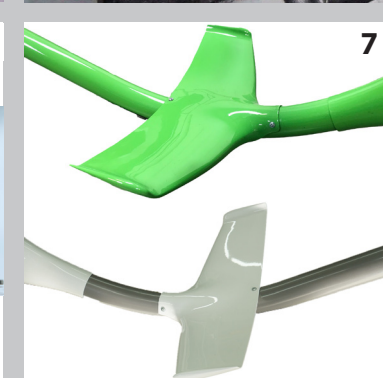
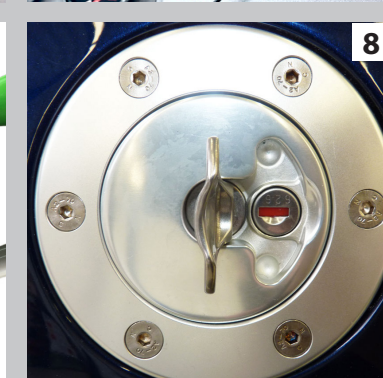


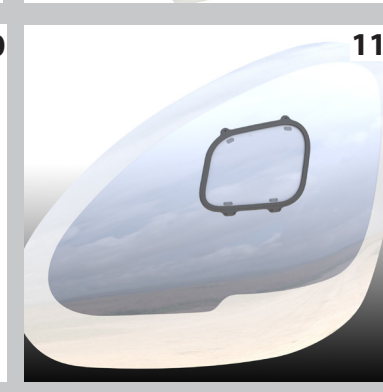

Heidenau 8PR tyres (+0.5kg each). Recommended for school or extensive tarmac operations.



\*Only available in the option for amphibious and float options



More configuration options are available! Please talk to your sales representative for details.

				<b>1. Storage bag backrest</b> A safe place to put all the bits and pieces needed for your journey	<b>7. Keel tube fin</b> Reduces the aircraft noise footprint and reduce propeller damage. Painted keel tubes available by special order
				<b>2. Four point safety belt with turn-lock fastener</b> Optional in place of the two-point car-style harness	<b>8. Lockable fuel cap</b> Keeps your fuel safe
				<b>3. Floor mats</b> Optional in anthracite gray and fawn	<b>9. Nose wheel covers</b> You can choose without wheel cover or the standard nose wheel cover or the light-weight version
				<b>4. iPad bracket</b> Fits iPad Mini/Air/Air2; We offer a multitude of GPS mounting devices	<b>10. Main wheel covers</b> You can choose the standard wheel cover or the lightweight easy-access version
				<b>5. Sun shield</b> Essential for flying on sunny days	<b>11. Picture window</b> A fold down window makes photography easy from the passenger seat
				<b>6. Compass</b> Standard compass or precise card compass	<b>12. Ventilation window</b> One is standard per door. For hotter environments, a second ventilation window is optional



**UKRSPEC  
SYSTEMS**



## FLYING WITH BUILT-IN PROFESSIONAL SOLUTIONS

### Cavalon customized model for commercial use

The Cavalon Sentinel is equipped with the UKRSPEC SYSTEMS infrared camera is the perfect solution for fulfilling missions such as search and rescue, surveillance, and inspection.

This equipment can track cars and read license plates from 500 foot AGL (above ground level), and effectively detect the heat signatures of the people and vehicles on the ground.

The camera is a 2-axis stabilized unit with 360 degrees continuous rotation capability, with digital auto video stabilization and target tracking. Its optical zoom capability ranges from zero to 30 times, and its infrared can provide four times zoom.

Equipped with the Rotax 915iS engine, and optional Autopilot, the Cavalon Sentinel has all the capability needed to fulfill your mission requirements.

AutoGyro recognises that different mission objectives require different cameras or on-board systems such as LIDAR scanning. With a multitude of such systems already in service, the AutoGyro advanced engineering team has the skills and knowledge to provide the systems integration needed for such applications. Talk to us about your wants and needs, and we will work with you to find the solution.



## FLYING WITH CUSTOMER CARE

### Spares parts supply, continuous airworthiness and maintenance

To become the proud owner of a fabulous AutoGyro product is only the beginning of a long and happy relationship. The life cycle of an AutoGyro aircraft is expected to be more than 25 years.

AutoGyro embraces this long term responsibility with the following commitments:

**SPARE PARTS** AutoGyro holds a wide range of spare parts which are quickly available via our global supply network. In an AOG (Aircraft on Ground) event, we have a fast track service enabling, where possible, next day delivery.

**CONTINUOUS AIRWORTHINESS** We constantly monitor all reported incidents from our global fleet to find ways to improve our products. We responsibly publish these as Service Bulletins and Information Letters via our Technical Support portal, with open access so that all customers can be fully supported wherever they are located.

**MAINTENANCE** Correct and proper maintenance of your new aircraft is critical to safe operation, and we offer professional training by AutoGyro Instructors to maintenance personnel. Maintenance, service requirements and documentation are all found in the Technical Support portal.



## FLYING WITH CERTIFICATION & SAFETY COMPLIANCE

Fully certified and compliant to the highest safety requirements

Every country has national gyroplane Certifications and Regulations which strictly regulate the key requirements in terms of performance, structure and on-board systems, to give maximum flight safety. AutoGyro aircraft are designed and demonstrated to comply with the highest worldwide combination of these regulations.

AutoGyro aircraft comply with:



The German BUT (Bauvorschriften für Ultraleichte Tragschrauber). The DULV in Germany have audited the AutoGyro aircraft as part of each release to service in considerable detail, and each type carries a German Kennblatt approval.



UK BCAR Section T CAP643 Gyroplane Airworthiness Requirements, demonstrated by full UK Civil Aviation Authority audit and approval, and issuance of permits to fly for day and night VFR.



Additional UK Certification Approval inclusive of CRIE-01, enabling the issue of a UK ICAO compliant Standard Category Certificate of Airworthiness. Only AutoGyro aircraft have ever been shown to meet this stringent standard.



Federal Aviation Administration (FAA) of America type certificate. AutoGyro aircraft are available either in the kit built experimental category, or uniquely as factory-built, ready to fly. Only AutoGyro gyroplanes carry an FAA Certificate of Airworthiness within the Primary Category, and can be used for aerial work (except the carriage of goods and persons).



Australian Sport Rotorcraft Association approval.



CCAR-21 requirements of the Civil Aviation Administration of China. AutoGyro aircraft carry a CAAC Type Certificate (TC), and AutoGyro as a manufacturer has been audited by CAAC and awarded their coveted Production Certificate (PC).

AutoGyro aircraft are further certified in the following countries:

Austria, Brazil, Canada, Costa Rica, Czech, Dubai, France, Hungary, Israel, Iraq, Kenya, Mexico, Mongolia, Namibia, Netherlands, New Zealand, Norway, Philippines, Portugal, Poland, Qatar, Romania, Russia, Saudi Arabia, Slovakia, South Africa, Sweden, Thailand, Turkey, Uruguay




# FLYING WITH ENVIRONMENTAL AWARENESS

## Less carbon footprints, more perspective for the future

Less fuel burn doesn't only mean the significant reduction of your operational costs. It leads directly to drastically less exhaust emissions and a low carbon foot print.

Thanks to the technological integration of the industry-leading aircraft engines, combined with AutoGyro advanced design concepts, AutoGyro aircraft are able to achieve high performance with low fuel consumption. The computer controlled automatic lean engine setting works automatically to decrease the fuel flow to the engine at higher altitude or in cruise mode. It is the best trade-off of power, performance and fuel consumption you can get.






**Long Life Cycle**

Unlike a car, an AutoGyro gyroplane has a long service life and expected to exceed 25 years.


The extended long life cycle reduces the recycling and depreciation cost. It means the usage of a gyroplane is more sustainable and environmental friendly compared to many other industrial products and transportation vehicles.



**Less Noise Emission**

With an independently verified and incredibly low noise footprint, Auto-gyro aircraft quietly set a new standard. Less than 63 dB is at a level much below than the noise emission of most general aviation aircraft.

For comparison, a vacuum cleaner is about 75 dB, while a power lawn mower is about 90 dB.



**Green Concept**

Based on these unique characteristics, AutoGyro pursues green airborne solutions for industrial special missions and public service agencies. In 2015, Auto-Gyro developed the world's first-ever electrical gyroplane in cooperation with Bosch, supported by the EU.

AutoGyro aircraft are used worldwide in law enforcement, aerial surveying and for agricultural purposes.



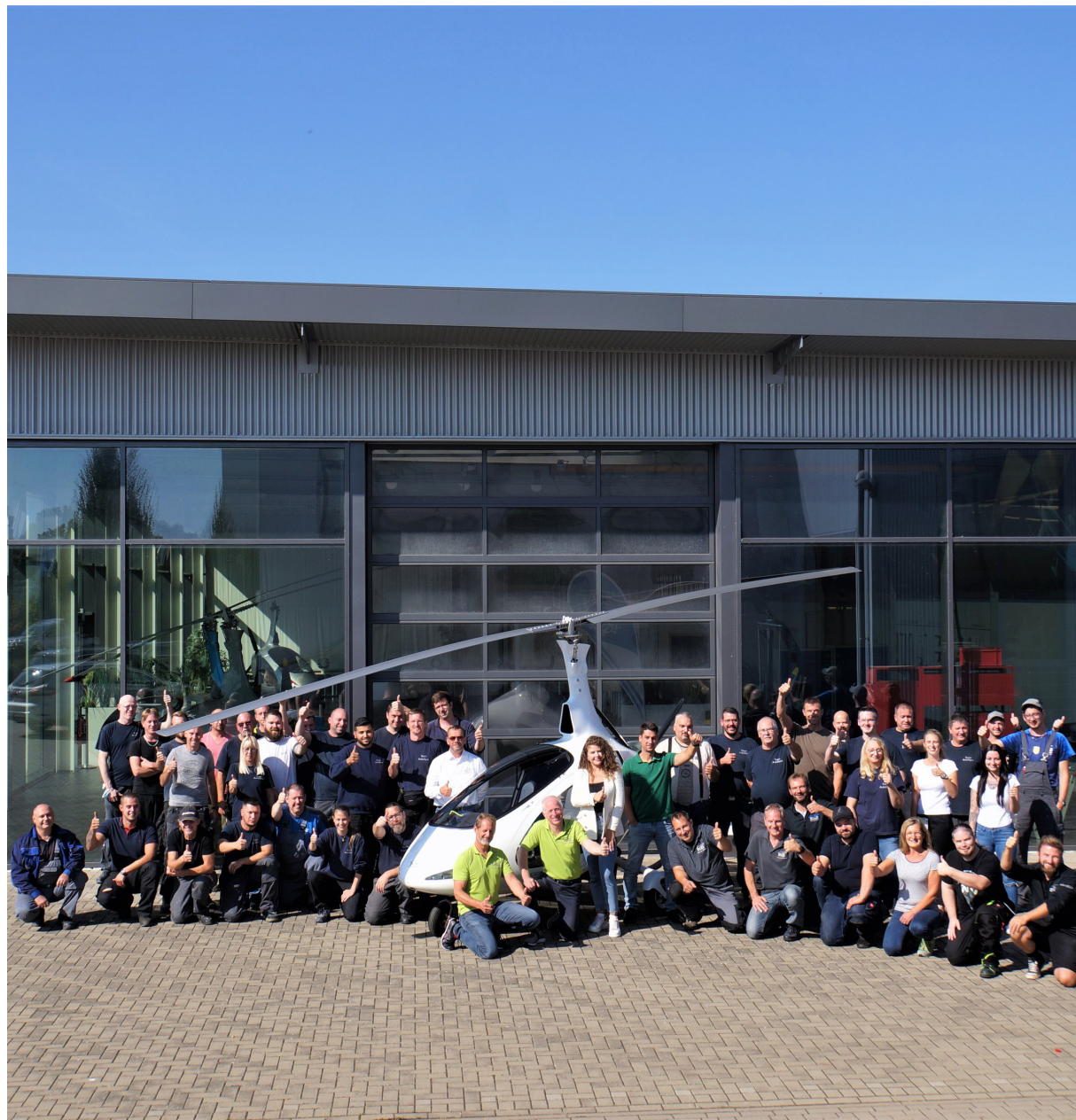
TECHNICAL DATA\*

L x W x H (exclude rotor)	4,6 m x 1,9 m x 2,8 m (15.27 ft x 5.85 ft x 9.1 ft)
Rotor length	8.4 m / 8.6 m / 8.8 m(27,3 ft / 27.95 ft / 28.6 ft)
Empty weight	325 kg (715 lbs)
Max. Take-off Mass (MTOM)	560 kg (1232 lbs)
Engine	Rotax 915 iS <sup>1</sup>
Take-off distance, wheels up <sup>2</sup>	110 m (357 ft)
Take-off distance, to clear 15m (45 ft) obstacle	260 m (854 ft)
Max. endurance <sup>3</sup>	up to 6 hours
Max. range <sup>4</sup>	up to 600 km (360 miles)
Cruise speed	90-185 km/h (55-110mph)
Cruise 70% power setting, MTOM	165km/h (100 mph)
Max. speed (Vne)	195 km/h (120mph)
Fuel capacity	100 L (26.4 US Gallons)
Comply with	BUT (Germany), Section T (UK), ASRA (Australia), CCAR-21 (China), USA Primary Category

\* Technical data can vary regarding country-specific legal requirements and is also depending on propeller/rotor/fuel/engine and aircraft configuration/equipment. Always refer to the Pilot's Operating Handbook.

- 1. 914UL engine variant only for special orders, data available separately
- 2. 560kg take-off standard weight on short grass, ISA conditions
- 3. Typical aircraft configuration applies: 1 pilot (80 kg), 40 l fuel, 2000 ft MSL
- 4. Typical aircraft configuration applies: 1 pilot (80 kg), max fuel, 2000 ft MSL

Figures, configurations and layouts shown in the brochure are subject to change without notice, and may differ depending on individual country aviation requirements. Terms and conditions of sale, including details of the 2 year warranty, are available via [auto-gyro.com](http://auto-gyro.com).



## AUTOGYRO AS A COMPANY

Made in Germany and for the globe

AutoGyro is the world leader in the innovation, production, and distribution of gyroplanes.

Production commenced in 2003, and since then AutoGyro has produced and delivered more than 3.000 aircraft across the globe. The company has the highest market share in the gyroplane industry.

Based in Hildesheim, Germany, all of the AutoGyro models are developed in-house and more than 90% of the aircraft parts are self-manufactured. These German engineered aircraft are fully certified by multiple national aviation authorities, and operate with standard category Certificates of Airworthiness.

With a sales and service network in over 40 countries, AutoGyro is well placed to support national or international flight requirements, wherever the aircraft is planned to operate.

### International Partners

Argentina • Australia • Austria • Bosnia & Herzegovina • Brazil • Bulgaria • Canada • China • Columbia  
Costa Rica • Czech Republic • Denmark • Finland • France • Hungary • Indonesia • Iraq • Ireland  
Israel • Italy • Mexico • Namibia • Netherlands • New Zealand • Norway • Poland • Portugal • Romania  
Qatar • Russian Federation • Saudi Arabia • Slovenia • South Africa • Sweden • Switzerland  
Thailand • Turkey • Ukraine • United Arab Emirates • United Kingdom • United States of America



reddot design award  
winner 2012



reddot award 2018  
best of the best



Deutschland  
Land der Ideen  
Ausgewählter Ort 2009



# CAVALON

THE ULTIMATE IN PERSONAL FLIGHT COMFORT



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