

# Guimbal Cabri G2



## Welcome aboard - the Little Big Helicopter

The Cabri G2 is the world's most advanced piston engine helicopter. It has created a new standard in safety and pleasure of flying a light helicopter. Any pilot coming from a big transport helicopter or a light utility turbine, will feel comfortable and safe in a Cabri G2. Furthermore, a young pilot trained in a Cabri G2 will have the easiest transition to bigger helicopters.

### HIGH SPEC COMPOSITE STRUCTURE

- Best protection for occupants
- No calendar-limited components
- No maintenance
- Easily repairable
- Certified for direct lightning strikes

### ENERGY ABSORBING SEATS

The Cabri G2 is designed with individual protection as the priority. It is the only piston helicopter certified with the latest requirements, ensuring high impact energy absorption. Should the unexpected happen, the occupants' survival has been demonstrated by tests at a vertical impact speed of 2000 ft/min which is a higher rate of descent than an autorotation.

### CRASH RESISTANT FUEL CELL

With its 170-liter fuel capacity (45 US Gal), it provides a range up to 700km (434 miles) or an endurance up to 4,5 flight hours.

Crashworthy seats

Crash resistant fuel cell

Fully articulated 3-blade main rotor

No Mast-Bumping

Modern Cockpit

with glass display as option

High Spec composite structure

Noise reduction with Fenestron® tail rotor system



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## PANEL OPTIONS

### CONVENTIONAL PANEL

The heart of the avionics is the EPM, a dedicated multi-function display monitoring 36 parameters and providing advanced functions such as:

- Smart power indicator
- Engine & Rotor RPM with advanced ergonomics
- Advanced three-mode fuel computer
- Automatic carburetor heating
- Transmission chip detectors
- Heated-pitot
- A/C controller

This innovative device will become the best partner in the cockpit for instructors and pilots.

Analog instruments including Airspeed, Vertical Speed and Altitude Indicator complete the panel.



### THE CRISTAL PANEL

## FLY AS A PROFESSIONAL

The Cristal Panel integrates the latest generation of avionics with the Garmin G500H TXi 7" Touch Screen.

All steam gauges are replaced by state-of-the-art, fully-featured digital equipment.

This makes the Cabri G2 a unique stepping stone to train future commercial helicopter pilots. As an additional option, the PFD mode with Synthetic Vision adds a touch of modernity and enhances the situational awareness with terrain, obstacles and ADSB traffic.

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## FLIGHT QUALITIES

- Best protection for occupants
- No calendar-limited components
- Good-natured autorotation characteristics
- Less vibration and smooth

The Cabri G2 has built its reputation on outstanding flight qualities. The main rotor was designed with training in mind, to combined high maneuverability with a unique forgiving autorotation behavior.

This allows you to fly with confidence in winds and turbulence which would ground most light helicopters.

- Fully articulated bearingless main rotor
- On-condition components
- Fail-safe design for critical parts
- Composite rotor blades with thick CR steel leading edge: no corrosion, no erosion

## FENESTRON®

The shrouded tail rotor provides unique safety on the ground and in the air. It allows perfect control at any wind angle.



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## OPTIONS

### FITS YOUR SPECIFIC CONDITIONS

The Cabri G2 accepts your mission

#### POP-OUT FLOATS

Innovative emergency floats based on an easy removal/installation and automatic deployment.



#### AIR CONDITIONING

Brings comfort to your flight. No impact on the helicopter performance. Min. weight penalty (12kg - 26 lbs).



#### CARGO HOOK

With a maximum capacity of 220 kg (485 lbs), and together with the Cabri G2 outstanding maneuverability, it makes it the perfect trainer.



#### BEAR PAWS

Fully certified as part of the helicopter. Require no change in the flight documentation.



### MULTI FUNCTION CHIN MOUNT

The Cabri G2 combines it all

Certified by the Manufacturer as part of the helicopter, this device will allow easy integration of a wide range of sensors and cameras to fit your specific mission (gimbal, lidar, stinger etc.).

- Easy conversion for dual use (fast removal & installation)
- Keeps the full helicopter flight envelope
- No flight testing required.



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## TECHNICAL SPECIFICATIONS

### Weights

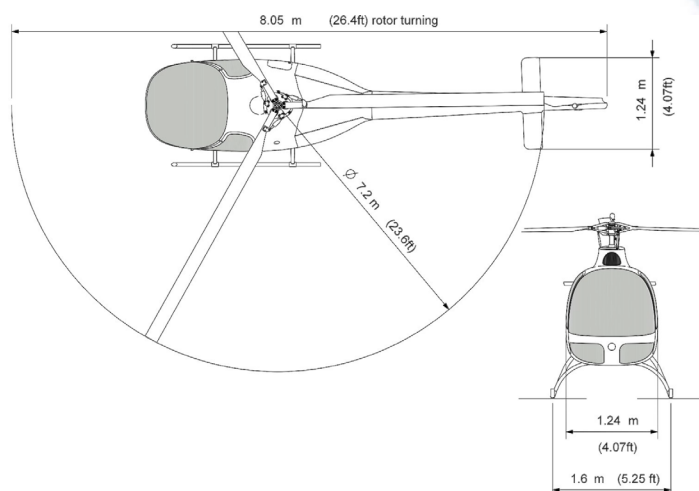
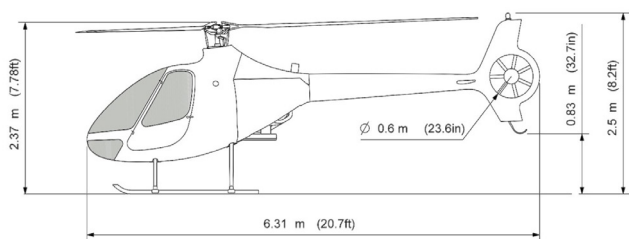
<b>Max gross weight</b>	700 kg   1543 lbs
<b>Empty weight</b>	430 kg   947 lbs
<b>Useful load</b>	270 kg   595 lbs
<b>Cargo Hook Capacity</b>	220 kg   485 lbs

### Capacity

<b>Seating</b>	2 crashworthy seats
<b>Cabin Width</b>	1.24m   49 in
<b>Luggage</b>	200 litres   7 cu. ft
<b>Fuel Capacity</b>	170 litres   45 US Gal.
<b>Approved Fuels</b>	AVGAS 110LL & 91 UL MOGAS UL98

### Performance

<b>Engine</b>	Lycoming O-360-J2A with electronic ignition
<b>Max. Take-Off power</b>	160 hp
<b>Max. Cont. power</b>	145 hp
<b>Max. Cruise Speed</b>	100 kt   185 km/h
<b>Cruise Speed</b>	95 kt   176 km/h
<b>VNE (Sea Level)</b>	130kt   241km/h
<b>Hover Ceiling IGE (MGW, ISA)</b>	7500 ft   2286m
<b>Hover Ceiling OGE (154 kg crew + 2 hr fuel)</b>	5000 ft   1524 m
<b>Service Ceiling</b>	13 000 ft   3962 m
<b>Max. Range (15 min. reserve)</b>	380 NM   700 km
<b>Certified Noise Level</b>	75,7 dB SEL



## CONTACT

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DO YOU HAVE  
QUESTIONS?

WE ARE HAPPY TO HELP



More information

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