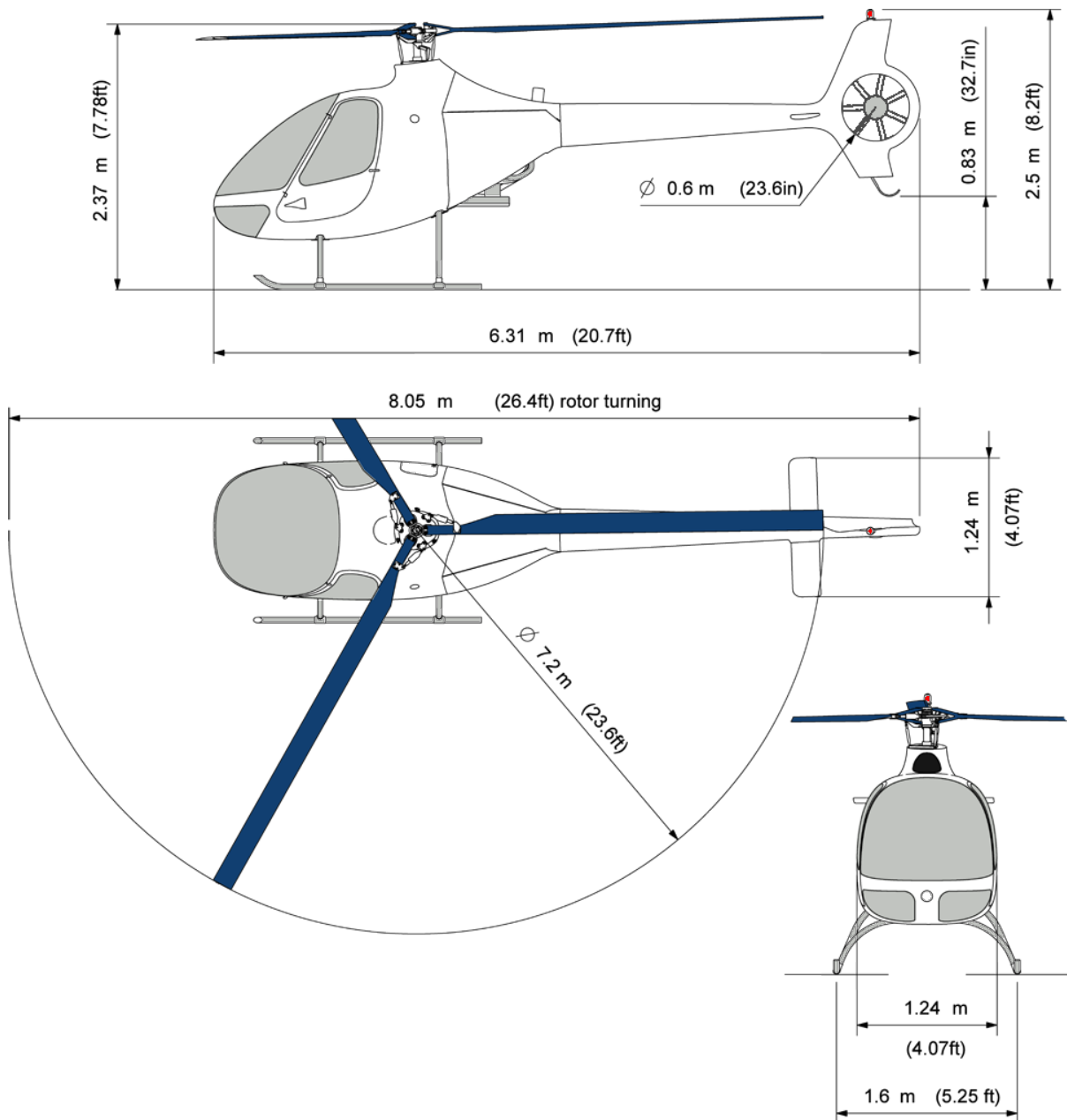


## Cabri G2 Specifications

### Physical Dimensions



Pacific Aircraft Sales:

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## Cabri G2 Specifications

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### Performance

Equipped empty weight	420 Kg (925 lb)
Maximum Gross Weight	700 Kg (1,542 lb)
Maximum level speed @ 100% (s.l. ISA)	100 kt (185 km/h)
Cruise speed @ 85%	90 kt (166 km/h)
Vne (s.l.)	130 kt (240 km/h)
IGE hovering ceiling (@ 700 kg)	5,000 ft
Hovering ceiling (2x77 kg + fuel 2 hrs)	7,500 ft
Range @ 85 % (15 min reserve)	380 nm (700 km)
Maximum endurance @ 50 kt (no reserve)	5 hr 40 min
Noise level @ 100% (certified)	75.7 dB SEL

### Main Rotor

Type	Articulated, soft-in-plane
Number of blades	3
Diameter	7.2 m (23.6 ft)
Chord	180 mm (7.1 in)
Speed	530 RPM

### Tail Rotor

Type	Fenestron®
Number of blades	7
Diameter	0.6 m (23.6 in)
Chord	42 mm (1.6 in)
Speed	5,148 RPM

### Transmission

Primary transmission	Belt with a reduction ration of 0.855/1
Main gearbox	Bevel spiral gear with a reduction ratio of 11/47
Tail gearbox	Bevel spiral gear with a multiplication ration of 25/11

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## Cabri G2 Specifications

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### Powerplant

Engine model	Lycoming O360-J2A with STC EASA E.S.01001
Type	Horizontally-opposed, four cylinder, air cooled, carbureted, double ignition with one magneto and one electronic ignition
Displacement	361 cu.in (5.9 litres)
Max continuous power	145 shp @ 2,585 – 2,700 tr/min (108 kW)
Normal speed	2,650 RPM
Cooling	Direct-drive squirrel-cage blower

### Ignition

Magneto	Bendix
Electronic ignition	LSE Plasma II – HG Condenser discharge Variable spark advance

### Fuel system

Max capacity	170 litres (45 US Gal)
Unusable quantity	1.5 litres (0.4 US Gal)
Approved fuel type	Avgas 100 LL

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