



Bell 505



FIVE SEATS. INNUMERABLE BENEFITS.

Advanced aerodynamic design and a state-of-the-art engine harness the power of technology to improve an aircraft's most important elements: its safety, efficiency and reliability.

How it goes above and beyond:

AN EASIER FLIGHT FOR PILOTS

Turbomeca Arrius 2R engine with dualchannel Full Authority Digital Engine Control (FADEC) system increases fuel efficiency and reliability

High inertia rotor system provides excellent autorotation capability Fully integrated Garmin G1000H NXi flight deck with twin 10.4 LCD screens reduces pilot workload

Optional flight displays increase situational awareness:

Traffic Information System (TIS)

Helicopter Terrain Awareness and Warning System (HTAWS)

Garmin's Helicopter Synthetic Vision Technology (HSVT)

Moving Map display

Pathway in the Sky display

A MORE COMFORTABLE RIDE FOR PASSENGERS

Forward-facing seats give passengers better views during flight

Fully flat floor allows for more cabin configuration options

Large doors make boarding and loading cargo easier

Better visibility increases situational awareness for all on board

Quieter system meets Stage 3 requirements from International Civil Aviation Organization (ICAO), making for a more enjoyable flying experience

125
kts
Knots

> 3.9+
hrs
Max Endurance

2.0
m²
Cabin Floor Area

989
kg
Empty Weight



ALL-IN CUSTOMER SERVICE THAT DELIVERS VALUE THROUGHOUT YOUR OWNERSHIP CYCLE

Around-the-clock. Award-winning. Always on. At Bell, our customer service is all of these and more. Rated number one in the industry, our global network is available on every continent, in every region. So when you own a Bell, you can be sure your aircraft will have the parts, expertise and support needed to achieve its mission.



GARMIN G1000H NXI™
FLIGHT DECK
 Integrated flight deck with two 10.4" high-res LED screens

TECHNICAL SPECIFICATIONS

Speeds at MGW, ISA		
Max Cruise	125 kts	231 km/h
Range at VLRC¹	306 nm	566 km
Max Endurance¹ (No Reserves, 60 KIAS)	>3.9+ hrs	

Capacity		
Cabin Floor Area²	22 ft ²	2.0 m ²
Baggage Compartment Volume	18 ft ³	0.5 m ³

Ceiling Altitudes at MGW, ISA		
Service Ceiling	18,610 ft PA	5,672 m PA
Hover Ceiling IGE	14,450 ft	4,404 m
Hover Ceiling OGE	10,460 ft	3,188 m

Weights		
Empty Weight (Base aircraft)	2,180 lbs	989 kg
Useful Load (Base aircraft, internal)	1,500 lbs	680 kg
Max Gross Weight (Internal)	3,680 lbs	1,669 kg
Max Gross Weight (External)	4,475 lbs	2,030 kg

Powerplant		
Turbomeca Arrius 2R (Uninstalled thermodynamic rating)		
Takeoff	505 shp	377 kW
Max Continuous	459 shp	342 kW

¹ MGW, Sea Level, ISA, no reserve.
² Includes Copilot area of 10 ft² | 0.9 m²



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