



BELL 505



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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

- Safran Arrius 2R engine with dual-channel 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 Advisory System (TAS)
 - Helicopter Terrain Awareness and Warning System (HTAWS)
 - Garmin's Helicopter Synthetic Vision Technology™ (HSVT)
 - "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

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 LCD screens



TECHNICAL SPECIFICATIONS

Speeds at MGW, ISA

Max Cruise	125 kts	231 km/h
Range at VLRC ¹	306 nm	566 km
Max Endurance ¹ (No Reserves, 60 KIAS)	> 3.9+ hrs	

Capacities

Cabin Floor Area ²	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
Max Gross Weight (internal)	3,680 lbs	1,669 kg
Max Gross Weight (external)	4,475 lbs	2,030 kg
Useful Load (base aircraft, internal)	1,500 lbs	680 kg

Powerplant Specifications

Safran 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