



**Bell 505**  
JET RANGER X

*On a Mission.*





The Bell 505 Jet Ranger X is Bell Helicopter's new five-seat aircraft designed for safety, efficiency and reliability through the use of advanced technology. It incorporates proven dynamic components, advanced aerodynamic design, a dual channel FADEC Turbomeca Arrius 2R engine and best-in-class value.

## KEY FEATURES AND BENEFITS

- Fully integrated Garmin G1000H™ flight deck with twin 10.4" LCD screens for reduced pilot workload
- Enhanced situational awareness provided by optional kits for TIS, HTAWS, moving map, "Pathway in the Sky" and Garmin's HSVT (Helicopter Synthetic Vision Technology™)
- Newly designed cabin with forward-facing seats
- Fully flat floor for maximized configurability
- Large cabin doors for easy loading of passengers and cargo
- Superb crew visibility for maximum situational awareness
- Turbomeca Arrius 2R engine with dual channel FADEC with backup
- Quieter than ICAO Stage 3 noise limits
- High inertia rotor system with excellent autorotation capability
- A combination of speed, range and useful load that delivers best-in-class performance
- Priced to compete with the short light single class leader



## TECHNICAL SPECIFICATIONS

SPEEDS		
Max Cruise	125+ kts	232+ km/h
Max Range	360+ nm	667+ km
Useful Load	1,500+ lbs	680+ kg
Max Endurance <sup>1</sup>	3.5+ hrs	
CAPACITIES		
Cabin Floor Area <sup>2</sup>	22 ft <sup>2</sup>	2.0 m <sup>2</sup>
Baggage Compartment Volume	18 ft <sup>3</sup>	0.5 m <sup>3</sup>
CEILING ALTITUDES		
Service Ceiling (Pressure Altitude)	20,000 ft PA	6,096 m PA
Hover Ceiling IGE	MGW @ 14,000 ft	MGW @ 4,267 m
Hover Ceiling OGE	MGW @ 12,000 ft	MGW @ 3,657 m
POWERPLANT SPECIFICATIONS		
Turbomeca Arrius 2R (uninstalled thermodynamic rating)		
Takeoff	504 shp	376 kW
Max Continuous	457 shp	341 kW

<sup>1</sup> Max GW, ISA, Std fuel – no reserves at sea level

<sup>2</sup> Includes Copilot area of 10 ft<sup>2</sup>/0.9 m<sup>2</sup>

## WORLD-CLASS CUSTOMER SUPPORT AND SERVICE

Every Bell helicopter is backed by around-the-clock, award winning customer support. Bell Helicopter's comprehensive, global service network is rated #1 in the industry. On every continent, in every region, we stand behind each aircraft with the expertise, parts and service needed to meet your mission requirements.

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