



*On a Mission.*

**Bell** helicopter®  
A Textron Company





**BELL 407GX** | When the mission calls for speed, performance and reliability, look to the Bell 407GX.



**CORPORATE**

Power. Reliability. Maneuverability. The Bell 407GX has everything you expect from a Bell helicopter and more. The corporate interior is exceptionally quiet, which makes the aircraft a great way of getting to work, and a great place to do work. It comfortably seats up to six passengers with one pilot, thanks to wide-open club seating and the smoothest ride in its class.



**ENERGY**

Cargo capacity. Payload. Cruising speed. That's what it takes to support the energy industry. Large cabin doors enable quick and easy loading and unloading of crew and equipment. The Bell 407GX's airframe, dynamic components and state of the art Garmin G1000H™ flight deck contribute to an outstanding record of reliability and low, predictable operating costs. The Bell 407GX delivers value to operators in the energy segment every day.



**HELICOPTER AIR AMBULANCE**

You work hard every day to help save lives and the Bell 407GX is the ideal helicopter for what you do. The aircraft combines performance, reliability and mission flexibility. With a 61 in/155 cm bi-fold litter door, patient loading and unloading is accomplished with ease. Large windows not only provide patient comfort, but also allow the crew to work in excellent ambient lighting. The all-composite, four-bladed rotor system offers a smooth ride, excellent hover performance and speed – all essential to your mission.



**PARAPUBLIC**

Enhanced mission awareness adds an additional dimension to your parapublic operations. The Bell 407GX can carry out command and control missions with microwave downlink as well as tactical insertion capabilities. When equipped with an optional hoist, it can also perform search and rescue missions. The Bell 407GT is configurable to perform a wider range of missions with the addition of certified armaments when escalation of force is necessary.



# Bell 407GX

The Bell 407GX integrates reliability, speed, performance and maneuverability with a cabin configurable for an array of missions and payloads. Its Rolls Royce 250-C47B turbine FADEC engine delivers exceptional hot & high performance with the ability to cruise at 133 kts/246 km/h. Its spacious cabin has five club-passenger seats with an additional passenger seat in the cockpit in single pilot operations. For added passenger comfort, the Bell 407GX also provides a very quiet and smooth ride in virtually all weather conditions. In addition to offering outstanding product features, it's backed by Bell Helicopter's renowned in-service support, rated #1 by our customers. The Bell 407GX is proof that you don't have to sacrifice comfort for performance.

## KEY FEATURES AND BENEFITS:

- All-composite, four-blade rotor system for superior hover performance, speed and a smooth, quiet ride
- Superb hot & high performance with an 813 shp/ 606 kW FADEC Rolls-Royce 250-C47B turbine engine
- Optional Quiet Cruise™ for reduced noise levels in cruise flight
- Demonstrated functional speeds of 140 kts/259 km/h
- Garmin G1000H™ flight deck with twin 10.4" high-res LCD screens host primary flight display (PDF) and multi-function display (MFD) information in an easy-to-scan layout
- Integrated flight instruments with stand-by airspeed, altimeter, and compass; engine instruments with power situation indicator EIS and flue flow; EICAS and audio alerts
- Standard bi-fold door with a 61 in/155 cm opening for quick and easy loading and unloading
- Spacious 85 ft³/2.4 m³ cabin and 16 ft³/0.45 m³ baggage compartment
- Seating for up to six passengers plus one pilot and a useful load of 2,508 lbs / 1,137 kg
- Abundant capacity for specialized equipment (medical, search lights, etc.) with nearly 4 hours of loitering capability
- Maximum range of 330 nm/611 km at long-range cruise speeds with standard fuel capacity
- Enhanced situational awareness provided by TIS, HTAWS, moving map, "Pathway in the sky" and Garmin's HSVT (Helicopter Synthetic Vision Technology™)





## SAFETY

Safety is our top priority. That is why the Bell 407GX is equipped with a variety of safety features including: a FADEC controlled engine, superb autorotation, structural bulkheads protecting both passenger and crew, rupture-resistant fuel cells, collective-mounted throttle, available wirestrike protection and jettisonable crew doors. With the Garmin G1000H™, safety is enhanced with reduction in pilot workload and engine exceedance monitoring .

## PLUS POWER ENGINE

Customers are always asking more from their aircraft, and we've found even more ways to improve performance. A new flight manual supplement enables operators to realize the full potential of the powerful Rolls-Royce engines. Depending on flight conditions, that can translate into more than 400 lbs/181 kg of additional payload or more than 3,500 ft/1,067 m increase in hot day OGE hover performance compared to the basic flight manual.

## CABIN COMFORT

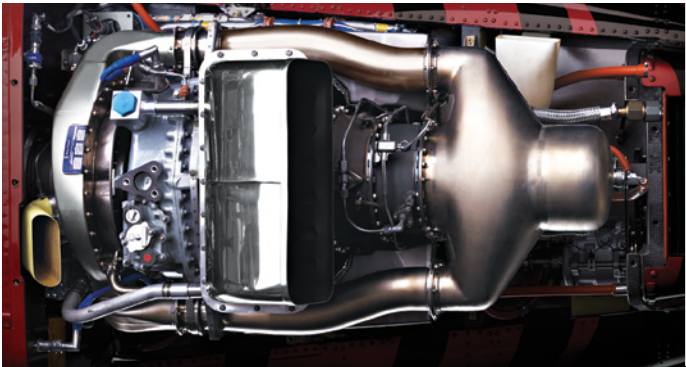
The multi-mission capable interior of the Bell 407GX is a spacious cabin that easily holds five passengers in a club seating arrangement or specialized equipment for medical and parapublic missions. With large windows, ample ambient light provides excellent visibility for the working environment and exceptional field of view. A smooth ride with low vibration and a quiet cabin ensures a comfortable flight.

## REDUCED CUSTOMER COSTS

Bell Helicopter is active in reducing your direct maintenance costs. Recent successes have yielded a 12 percent reduction in direct maintenance costs. This accomplishment, along with excellent engineering and proven reliability, allows our customers to keep more money in their pockets with every flight hour.

## ROBUST PARAPUBLIC AND MULTI-ROLE DEFENSE CAPABILITY

The Bell 407GT is the state-of-the-art tactical light commercial helicopter, bringing together the Garmin G1000H™ flight deck with precision weapons capability. Designed for military and parapublic operations, the aircraft encompass the performance, reliability and maintainability of the Bell 407 platform.



## FULLY-INTEGRATED GLASS FLIGHT DECK AVAILABLE

In the Bell 407GX, the superior performance of the Bell 407 reaches a higher level. Its Garmin G1000H™ flight deck provides critical flight information at a glance for greater situational awareness and safety. The system includes integrated flight instruments, engine instruments with power situation indicator, Traffic Information System (TIS), Helicopter Terrain Avoidance Warning System (HTAWS), moving map, pathway-in-the-sky and Garmin's Helicopter Synthetic Vision Technology™.

## OPTIONAL BELL 407GX KITS

- Helisas Autopilot
- Garmin GDL 69A XM WX and Radio
- Garmin GTS 800 Traffic Advisory System
- Garmin GDL 59 Datalink and Flight Parameter Recorder
- Garmin GSR 56 Iridium Voice/Data Transceiver
- Artex C406N-HM ELT
- FreeFlight Radar Altimeter
- Garmin Safe Taxi

## WORLD-CLASS CUSTOMER SUPPORT AND TRAINING

One of the best parts of operating a Bell helicopter is the renowned network of worldwide support and service that comes with it. With a significant parts inventory pre-positioned at global supply centers, plus training and technical personnel ready to answer your questions and provide the support you need in the field, Bell Helicopter is committed to providing you with the best products backed by the best service in the industry.

To further complement our support, a comprehensive set of pilot and maintainer courses are available through the world-class Bell Helicopter Training Academy (BTA). Maintainers will have the advantage of learning on an actual Bell 407, ensuring a relevant and effective training experience. Pilots will appreciate a suite of customized course materials, complemented by a sophisticated flight training device, and concluding with flight instruction in a BTA operated Bell 407. BTA also understands that the right training is just as important as comprehensive training, so your instruction can be custom tailored to meet your specific goals and training requirements.





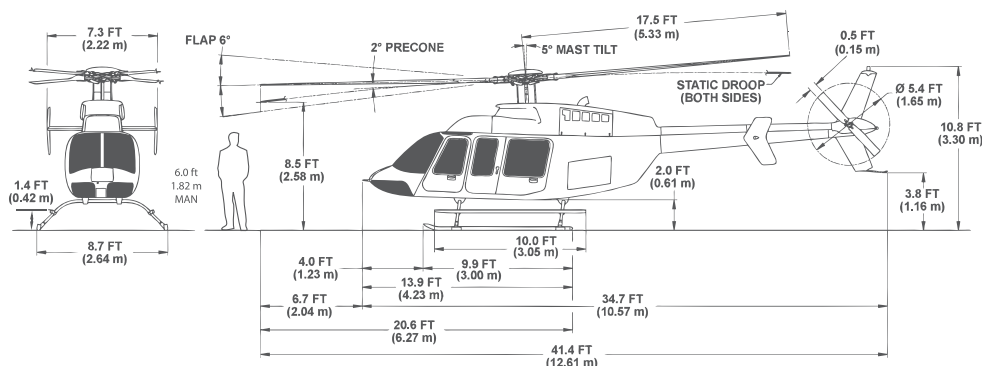
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## TECHNICAL SPECIFICATIONS

SPEEDS at max gross wt		
V <sub>NE</sub>	140 kts	259 km/h
Max Cruise	133 kts	246 km/h
Range at V <sub>LRC</sub> <sup>1</sup>	330 nm	611 km
Max Endurance <sup>1</sup>	3.8 hrs	
CEILING ALTITUDES		
Service Ceiling (Pressure Altitude)	18,410 ft	5,611 m
Hover Ceiling IGE (Optional Max GW, ISA)	12,220 ft	3,725 m
Hover Ceiling OGE (Optional Max GW, ISA)	10,440 ft	3,182 m
CAPACITIES		
Standard Seating	1 + 6	
Maximum Seating	1 + 6	
Standard Fuel	127.8 US gal	483.8 liters
Auxiliary Fuel (Optional)	19 US gal	71.9 liters
Cabin Floor Space	19.5 ft²	1.8 m²
Cabin Volume <sup>2</sup>	85 ft³	2.4 m³
Aft (Baggage) Compartment Volume	16 ft³	0.5 m³
WEIGHTS		
Empty Weight (Base 407GX Aircraft)	2,742 lbs	1,244 kg
Max Gross Weight (Internal, Standard)	5,000 lbs	2,268 kg
Max Gross Weight (Internal, Optional)	5,250 lbs	2,381 kg
Max Gross Weight (External Load)	6,000 lbs	2,722 kg
Useful Load (Internal, Standard, Base 407GX Aircraft)	2,258 lbs	1,024 kg
Useful Load (Internal, Optional, Base 407GX Aircraft)	2,508 lbs	1,137 kg
Cargo Hook Capacity	2,646 lbs	1,200 kg
POWERPLANT (1) Rolls-Royce 250-C47B		
Engine Rating, Take-off	813 shp	606 kW

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

<sup>2</sup> Does not include copilot volume of 20ft<sup>3</sup> / 0.6m<sup>3</sup>



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