ELEVATED VERSATILITY FOR CRITICAL MISSIONS

BELL 525
OIL AND GAS + SEARCH AND RESCUE

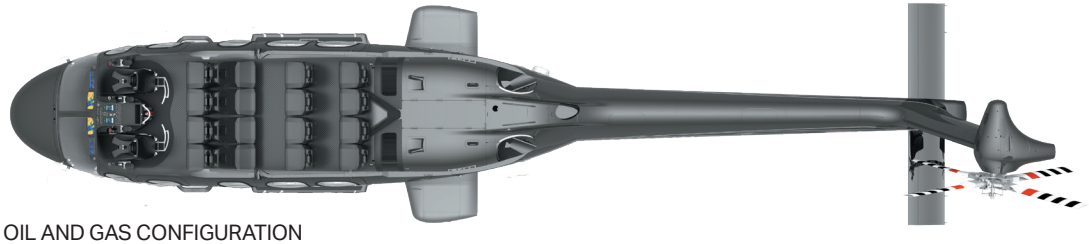
SPEED. SAFETY. UNMATCHED AWARENESS.

There were two main drivers behind the Bell 525 design: leading-edge innovation and a relentless pursuit of perfection. The result? A revolution in operational safety and advanced, integrated technology. Our flagship Bell 525 model offers unparalleled performance and situational awareness across a diverse range of missions.

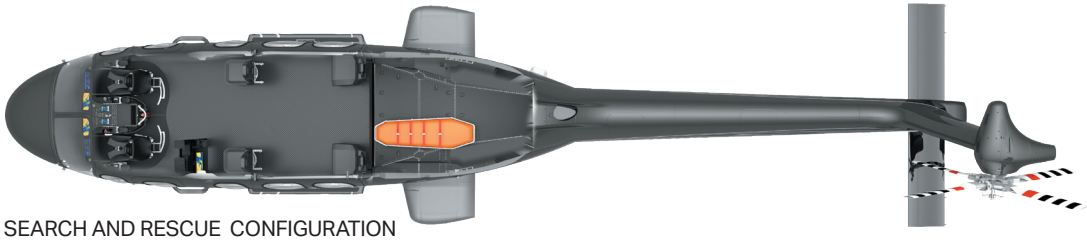
Designed by our customers, the Bell 525 has created a class of its own. The aircraft offers record-setting speed, payload and range for enhanced pilot operation, along with elevated comfort and versatility for passengers. It's tested to meet the newest FAA certification standards, making it the most heavily tested aircraft in the rotorcraft market.

THE BELL 525 INCORPORATES

- Current FAA and EASA safety requirement design
- Proven, reliable fly-by-wire flight control technology
- Unparalleled crew situational awareness
- Best-in-class for low noise and cabin vibration through LIVE mount technology
- Next-generation drive system
- Marinized for corrosion resistance and reduced unscheduled maintenance



OIL AND GAS CONFIGURATION



SEARCH AND RESCUE CONFIGURATION

MISSION CUSTOMIZATION

Multiple configuration capabilities make the Bell 525 a game-changer for mission mobilization. The aircraft is OGP-compliant up to 19 passengers, allowing you to take more people farther. Its puck-based floor system enables multiple interior layouts that are reconfigurable with minimal effort, giving operators the versatility to remain productive and safe on any mission.

MAXIMUM REACH

Get the job done faster, whether you're offshore or over mountains. The Bell 525 offers long range and high speed — up to 500 nautical miles and speeds pushing 175 kts — setting new standards in rotorcraft performance.

TRIPLEX ADVANTAGE

As the first commercially certified fly-by-wire (FBW) helicopter, the Bell 525 is the future of vertical flight. The continuously active FBW control laws are there when you need them, while the pilot is always in direct control of the aircraft. The system makes flying repeatable, simple and intuitive. With triple redundant systems, the Bell 525 provides the ultimate level of safety for your pilots and passengers when they're far away from shore.

INDUSTRY-LEADING ECONOMICS

A grounded aircraft is a lost opportunity to perform an offshore crew change or an overwater rescue. We've designed the Bell 525 to get up and work every day. Its maintenance is simpler than that of legacy aircraft, with an efficient MSG-3 maintenance program and long overhaul cycles. Integrated Vehicle Health Management provides extensive aircraft monitoring along with predictive diagnostic tools to improve flight safety and optimize availability.

DIGITAL COMMAND

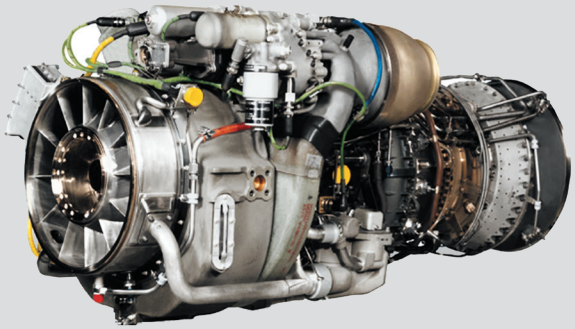
Pilots stay aware of their surroundings at all times flying the Bell 525 with Garmin's top-of-the-line G5000H avionics suite featuring a touch screen interface and synthetic vision technology. Large displays and visualizations of the terrain, potential obstacles, and other aircraft keep pilots aware and maximize safety. The flight deck layout also gives crew superior comfort and over-the-nose visibility with side stick controllers.

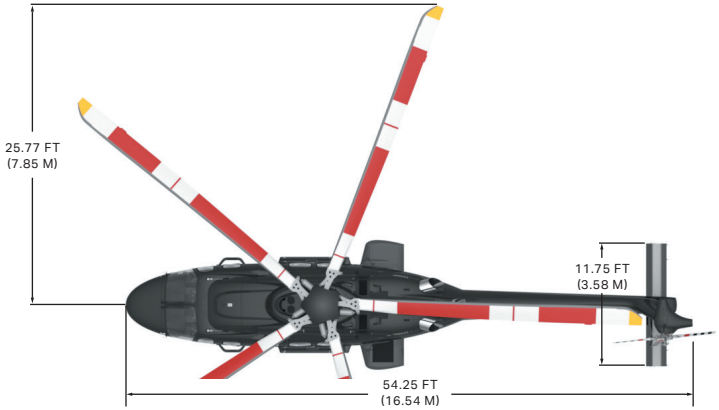
ADVANCED ROTORCRAFT DESIGN

Based on a clean sheet design incorporating advancements in engine, airframe, drive system and avionics designs, the Bell 525 meets current FAA and EASA safety standards — including bird strike protection, drive system loss of lubrication, fatigue, and damage tolerance. Operators benefit from improved fuel efficiency and lower direct operating costs.

POWERFUL RELIABILITY

The Bell 525 is powered by two electronically controlled GE CT7-2F1 engines. These engines provide a dual-channel FADEC system and 2000 SHP that deliver exceptional performance along with a maximum cruise speed of 160 kts (296 kph).





TECHNICAL SPECIFICATIONS

Performance at Max Gross Weight		
Max Cruise Speed	160 kts	296 km/h
Max Range[1]	580 nm	1,074km
Powerplant		
Engines	2x GE CT7-2F1	
Capacities		
Standard Seating (20 in wide seats)	2 Flight Crew + 16 Passengers	
High Density Seating	2 Flight Crew + 20 Passengers	
Standard Fuel	641 US gal	2,426 liters
Passenger Cabin Height	54 in	137 cm
Passenger Cabin Floor Area	88 ft^2	8.2 m^2
Baggage Compartment Volume	128 ft^3	3.6 m^3

Ceiling Altitudes		
Hover Ceiling IGE[2]	10,700 ft	3,261 m
Hover Ceiling OGE[2]	8,100 ft	2,469 m
Weights		
Max Gross Weight	20,500 lb	9,299 kg
Max Gross Weight (External Load)	21,500 lb	9,752 kg

[1] Max GW, Sea Level, ISA, standard fuel, no reserve, V_{LRC}
[2] Max GW, ISA day

BELL.CO/525S