



Bell 412EP1

On a Mission.

Bell Helicopter®
A Textron Company



In the Bell 412EPI, the reliability and versatility of the Bell 412 evolves to the next level. Its Bell BasiX Pro™ Integrated Avionic System provides critical flight information at a glance for greater situation awareness and safety. The Pratt & Whitney PT6T-9 Twin Pac® engines provide enhanced hot-high performance and increased Category A/JAR OPS PC1 Performance.

STANDARD SPECIFICATIONS

- Bell BasiX-Pro™ Integrated Avionic System
- Pratt & Whitney PT6T-9 with EEC/ECU
- Garmin GTN-750 NAV/COM/WAAS GPS
- BLR Strake and FastFin™
- Helicopter Terrain Avoidance Warning System (H-TAWS)
- LED cockpit lighting and panels
- Power Situation Indicator (single indicator for quick pilot monitoring)
- Automatic Dependent Surveillance - Broadcast (NextGen, Standard ADS-B out, Optional ADS-B in)

WORLD-CLASS CUSTOMER SUPPORT AND SERVICES

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.



WORLD-CLASS CUSTOMER SUPPORT



15% MORE ENGINE POWER



IMPROVED HIGH/HOT PERFORMANCE



BELL BASIX PRO™ INTEGRATED AVIONIC SYSTEM

KEY FEATURES AND BENEFITS

- The Bell BasiX-Pro™, proven successful in the Bell 429, provides workload relief in the most demanding helicopter IFR environments
- Upgraded engines for more horsepower enabling improved performance, especially single-engine capability
- Single-pilot IFR capability with 3-axis or optional 4-axis stability and control augmentation and coupled flight director capability
- Highly flexible and configurable avionics system to meet various operating and customizing needs
- Upgrade program via a Supplemental Type Certificate at Bell Piney Flats for new or fleeted Bell 412EP aircraft

TECHNICAL SPECIFICATIONS

SPEED at max gross wt		
V _{NE}	140 kts	259 km/h
Max Cruise	122 kts	226 km/h
Range at V _{LRC} ¹	363 nm	672 km
Maximum Endurance ¹	3.8 hrs	
CAPACITIES		
Standard seating	1 + 14	
Maximum seating	1 + 14	
Standard Fuel	331 US gal	1,251 liters
Auxiliary Fuel (Optional)	33 or 163 US gal	123 or 617 liters
Cabin Volume	220 ft ³	6.2 m ³
Aft (Baggage) Compartment Volume	28 ft ³	0.8 m ³
WEIGHTS		
Empty Weight (IFR Standard Configuration)	7,071 lbs	3,207 kg
Useful Load (Internal, IFR Standard Configuration)	4,829 lbs	2,190 kg
Max Gross Weight (Internal)	11,900 lbs	5,398 kg
Max Gross Weight (External Load)	11,900 lbs	5,398 kg
Cargo Hook Capacity	4,500 lbs	2,041 kg

¹ Max GW, ISA, std fuel, no reserve at sea level