



SUBARU BELL 412EPX **ELEVATING EXCELLENCE.**

With improved performance and safety features, the SUBARU BELL 412EPX provides more capability while maintaining its long-established reputation for utility and reliability for commercial customers.

The SUBARU BELL 412EPX benefits from a more robust main rotor gearbox, dry run capability, increased internal Maximum Gross Weight to 12,200 lbs., and mast torque output of +11% at speeds below 60 knots. And with a phenomenal increase in External Gross Weight to 13,000 lbs., the SUBARU BELL 412EPX provides operators the ability to transport more supplies and achieve better operational efficiency.

HOW IT GOES ABOVE AND BEYOND:

THE NEXT GENERATION WORKHORSE

Bell BasiX-Pro™ integrated glass cockpit system

- 4 large-screen, second generation, high resolution multi-function displays providing EFIS, EICAS and systems displays along with full screen video
- Bell's patented Power Situation Indicator (PSI) presentation
- Garmin GTN-750 NAV/COM/GPS with high resolution digital maps, approach plates and more
- Garmin GTN-650 NAV/COM/GPS completing the modern communications and navigation avionics suite
- Approved WAAS GPS instrument approach capability, and ADS-B "Out" reporting
- Digital Stand-by Instrumentation
- Common operation, equipment, support with 2nd Gen BasiX-Pro™ system on Bell 429

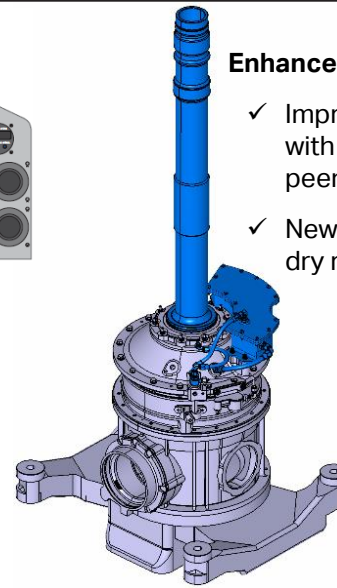
Electronically-controlled Pratt & Whitney PT6T-9 Twin Pac® engines

- Approximately 15% increase in hot day Take-Off power
- Improved HOGE, CAT-A and PC-2e performance
- Automatic engine start with Temperature Limiting Features
- 30-second and 2-minute OEI rating structure with automatic limiting and OEI training mode
- Increased Gross Weight to 12,200 lbs
- Increased External Gross Weight to 13,000 lbs
- Increased Cargo Hook Payload to 5,000 lbs

ENHANCED FEATURES

2ND GEN BELL BASIX PRO™

- ✓ Excellent visibility & operability
- ✓ Reducing pilot's workload


Enhanced Dynamic Components

- ✓ Improved mast-hub integration with SUBARU proprietary laser peening technology
- ✓ Newly added main rotor gearbox dry run capability (up to 30 min)

TECHNICAL SPECIFICATIONS
Speeds at Max Gross Weight

VNE	140 kts	259 km/h
Max Cruise	123 kts	228 km/h
Range at VLRC¹	361 nm	669 km
Max Endurance¹		3.8 hrs

Capacities

Standard Seating		1 + 14
Maximum Seating		1 + 14
Standard Fuel	331 US gal	1,251 liters
Aux Fuel (Optional)	33 or 163 US gal	123 or 617 liters
Cabin Volume	220 ft ³	6.2 m ³
Aft (Baggage) Compartments Volume	28 ft ³	0.8 m ³

Weights

Empty Weight (Standard, IFR Configuration)	6,815 ⁺ lbs	3,091 ⁺ kg
Max Gross Weight (Internal)	12,200 lbs	5,534 kg
Max Gross Weight (External)	13,000 lbs	5,897 kg
Useful Load (Internal, Standard, IFR Configuration)	5,385 lbs	2,443 kg
Useful Load (External, Standard, IFR Configuration)	6,185 lbs	2,805 kg
Cargo Hook Capacity	5,000 lbs	2,268 kg

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

⁺ Empty weight with standard cabin seats is 7,025 lbs.