



# **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

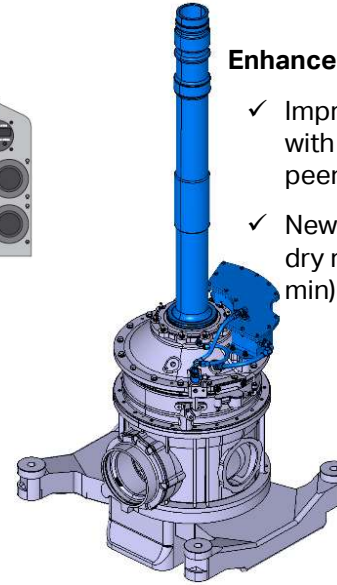
#### **Electronically-controlled Pratt & Whitney PT6T-9 Twin Pac® engines**

- 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**

<b>VNE</b>	140 kts	259 km/h
<b>Max Cruise</b>	123 kts	228 km/h
<b>Range at VLRC<sup>1</sup></b>	361 nm	669 km
<b>Max Endurance<sup>1</sup></b>	3.8 hrs	

**Capacities**

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

**Weights**

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

<sup>1</sup> Std Max GW, ISA, std fuel, no reserve at sea level  
<sup>†</sup> Empty weight with standard cabin seats is 7,025 lbs.

