

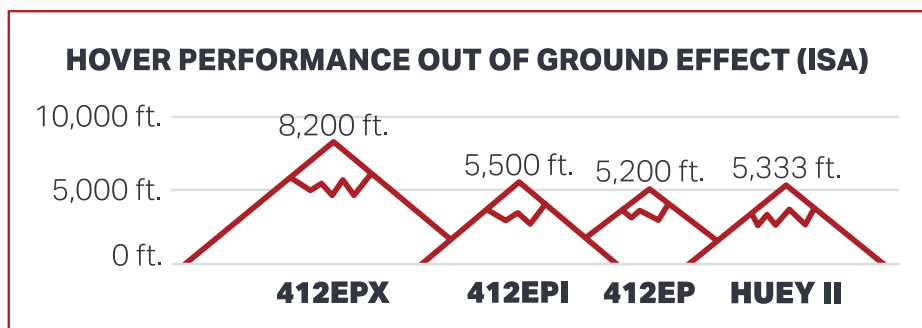


SUBARU BELL 412EPX RUGGED AND RELIABLE

LEADING FEATURES

- 2nd Generation Bell Basix Pro Integrated Avionics System
- 4-axis Autopilot Available
- OEI Training Mode
- Integrated Garmin GTN-750Xi and GTN-650Xi as standard
- Electronically controlled PT6T-9 Engines
- 30 Minutes of Dry-Run Capability
- Widest cabin opening (7.7') in its class
- Improved Visibility with Composite Door

FLY HIGHER AND HOTTER THAN EVER BEFORE



QUALITY FEATURES / UNMATCHED BENEFITS

15% INCREASED HOT/HIGH PERFORMANCE

11% Increased mast torque allows for take-offs even in the most extreme conditions

5,000 LBS OF EXTERNAL LOAD

13,000 lbs external MGW allows for expanded payload operations, such as carrying more water on site for firefighting

96% AVAILABILITY RATE*

The SB412EPX is ready when you are, with less downtime for maintenance

10° SLOPE LIMIT

A high skid-gear with increased slope landing limits allow you to land in the most rugged conditions

1,950 LBS OF INCREASED CAT-A CAPABILITY AT ISA+20

Ensure a safe takeoff and landing now with even more payload

>50 YEARS OF TECHNOLOGY IMPROVEMENTS

The SB412EPX was certified in 2018 providing 21st century technology while building on years of heritage

*Customer testimonial

TYPICAL SUBARU BELL 412EPX FIREFIGHTING MISSION

MISSION ASSUMPTIONS



CONDITIONS



ISA +20°C
3,000 ft

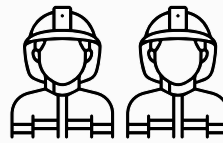
CREW

Pilots



2 x 85 kg

Firefighters



12 x 100 kg

EQUIPMENT

Bambi Bucket
BB4453

Capacity: 2,000 liters
Weight: 85 kg

DART External
Cargo Basket

Capacity: 136 kg
Weight: 54 kg

MISSION SEQUENCE

Firefighter Transport

Step 1:

- Takeoff from Aviation Base
- 21 NM Cruise at V_{LRC}
- Land at Fire Operations Base
- Unload firefighter squad with cargo equipment

Fire Attack

Step 2:

- Install Bambi Bucket Equipment
- Take-off from Fire Operations Base
- 90 minutes of Firefighting Operations
 - Water reservoir located 2.6 NM from Fire
 - 1-minute AEO TOP HOGE per water fill

Firefighter Transport

Step 3:

- Land at Fire Operations Base
- Load firefighter squad with cargo equipment
- Take-off from Fire Operations Base
- 21 NM Cruise at V_{LRC}
- Land at Aviation Base



~29,335 liters

Total Water Released on Fire



90 minutes

of Fire Attack Performed



12 Firefighters

(+2 Pilots) Transported



The SUBARU BELL 412EPX will increase our ability to perform these critical missions in demanding high-elevation environments year-round. Adding the new aircraft will allow us to better protect and serve the citizens of Ventura County and neighboring communities.

CAPT. RANDY DOWNARD
VENTURA COUNTY SHERIFF'S OFFICE