EMBRAER’S UNIQUE LEGACY 650E PAINT SCHEME MADE A SPLASH AT LABACE

News / Business aviation, Events / Festivals, Manufacturer



In its debut day at the Latin American Business Aviation Conference & Exhibition (LABACE), Embraer’s Legacy 650E surprised visitors with a unique paint scheme.

Currently on static display at the show in São Paulo, Brazil, the Legacy 650E’s bold new external paint design – a visual masterpiece that unites the aircraft’s classic aesthetic and robust heritage with its modern appeal in a proven platform – magnificently reflects the Legacy 650E’s prominence as a globally desired business jet.

The expert paint and design team at Embraer’s São José dos Campos headquarters explored myriad colors, styles and possibilities to create the delicate handmade design, which was then carried out to perfection by a cutting-edge robotic paint system.

Featuring a beautiful blue gradient as its backdrop, the aircraft’s color scheme conveys a sense of power, integrity and safety through the generous use of dark blue; the gradual light blue transition represents health, tranquility and inspiration; and metallic silver accents provide an elegant and rich appearance.

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A world map, replete with visual reminders of the jet's attributes and value proposition, provides a stunning centerpiece for the meticulously designed artwork and brings the Legacy 650E's evolution to life.

Embraer unveiled a new version of its Legacy 650 large business jet, the Legacy 650E, in October 2016. Featuring automation and technology updates, the aircraft, which already has exceptional operational costs and the largest cabin in its class, now carries an unprecedented 10-year, 10,000-flight hour warranty, which is the longest in the business jet industry.

With a restyled seat upholstery, the Legacy 650E's spacious cabin features three distinct cabin zones with ample privacy, plus the exclusive option for a separate crew lavatory in the forward cabin.

Refinements to the aircraft's fight deck includes the Synthetic Vision System (SVS) as part of the Honeywell Primus Elite Advanced Features (PEAF), which also features traffic collision avoidance system technology and XM ground-based weather information with moving map to provide pilots with enhanced situational awareness. In addition to the PEAF, the Legacy 650E also comes with autothrottle as standard equipment, improving the level of automation and reducing cockpit workload. These technologies complement the proven Legacy 650E avionics system, which is compliant with all next-generation airspace mandates and requirements. Besides that, two iPads with mounting systems are available in the cockpit, enabling pilots to enjoy a friendlier interface, easier updates and a full range of other tools to support their operation. These features further reduce cockpit workload and create a more intuitive environment with the technological conveniences that pilots desire.

The Legacy 650E comfortably carries up to 14 passengers, with three distinct cabin zones to provide privacy and premium acoustic comfort. In addition to its best-in-class galley and fully accessible in-flight baggage compartment, the aircraft may be configured with up to two lavatories. The Legacy 650E features internet connectivity and the latest in high-definition in-flight entertainment through Honeywell's Ovation Select entertainment and cabin management system. The aircraft has a range of 3,900 nautical miles (7,223 kilometers) with four passengers, with NBAA IFR fuel reserves.

The Legacy 650E is the first aircraft to offer a 10-year,10,000-flight hour warranty for systems and components (OEM and supplier), matching the warranty period to that of the airframe. This is now the longest warranty in the industry. The interior warranty remains the same at two years, as does exterior paint at two years or 1,000 hours, engines at five years or 2,500 hours, APU at five years, 3,000 hours or 6,000 cycles, and avionics at five years or 5,000 hours.?

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