EMBRAER'S LEGACY 450 RECEIVES FAA CERTIFICATION

News / Business aviation, Manufacturer

Embraer Executive Jets today announced that its new Legacy 450 business jet received type certification from the U.S. Federal Aviation Administration (FAA). The approval comes a few weeks after the aircraft earned certification from Brazil's civil aeronautics authority (ANAC).

"The FAA certification highlights our commitment to delivering innovative products that go beyond customer expectations. With its unique features, the Legacy 450 offers outstanding technology and performance, along with unsurpassed comfort and style," said Marco Tulio Pellegrini, President & CEO of Embraer Executive Jets. "The Legacy 450 is the first mid-light jet with full fly-by-wire technology and side-stick flight controls, which makes it easier to fly. The digital controls produce a smoother flight, improve performance, and reduce pilot workload."

The Legacy 450 comfortably seats up to nine passengers and is the only mid-light jet featuring a 6-foot-tall cabin and a flat floor. Its cross section – 6 feet 10 inches – is the largest in class, five inches wider than its nearest competitor. The first Legacy 450 delivery is scheduled for the fourth quarter of 2015.

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About the Legacy 450

The Legacy 450 is a mid-light business jet with a best-in-class 6-foot tall, flat-floor cabin. Four fully reclining club seats may be berthed into two beds for complete rest in a 6,000-ft cabin altitude. The optional in-flight entertainment system consists of a high-definition video system, surround sound, and multiple audio and video input options. Voice and data communications options are also available. The cabin includes a refreshment center at the entrance, a rear private lavatory with a vacuum toilet and an in-flight accessible baggage area. The total baggage space is the largest in the aircraft's category.

The Legacy 450 is the first business aircraft in its segment with full fly-by-wire technology, featuring side-stick flight controls, the state-of-the-art Rockwell Collins Pro Line Fusion avionics suite with four 15.1-inch high resolution LCD displays, and capable of paperless operations, with graphical flight planning, Jeppesen charts and maps and a synthetic vision system. The optional Embraer Enhanced Vision System (E2VS) features a Head-up Display (HUD) and an EVS.

The Legacy 450 is powered by two advanced, fuel-efficient Honeywell HTF 7500E turbofan engines, the greenest in their class. With a range of 2,575 nautical miles (4,769 kilometers) with four passengers and NBAA IFR Reserves, the Legacy 450 is capable of flying nonstop from Los Angeles to Boston, São Paulo to Lima, Moscow to New Delhi, Singapore to Shanghai or Beijing to Bangkok.

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