



EMBRAER'S PHENOM 100 EXECUTIVE JET CERTIFIED BY EASA

Aircraft now has the approval of Brazilian, U.S., and European civil aviation authorities

São José dos Campos, April 24, 2009 – Embraer's Phenom 100 entry level executive jet was certified, today, by the European Aviation Safety Agency (EASA), for day and night operations – Visual Flight Rules (VFR) and Instrument Flight Rules (IFR), Reduced Vertical Separation Minimum (RVSM), and flight into known icing conditions. The aircraft was also certified by the Brazilian National Civil Aviation Agency (Agência Nacional de Aviação Civil – ANAC) and by the Federal Aviation Administration (FAA), last December.



Humberto Pereira, Embraer Vice President, Engineering – Executive Jets, right, receives the Phenom 100 Type Certificate from Dr. Norbert Lohl, EASA's Certification Director



Phenom 100 executive jet

“We are honored to receive EASA certification for the Phenom 100 on schedule, confirming the aircraft has met or surpassed all original specification targets, and opening the way for the first deliveries in the European Union,” said Maurício Almeida Filho, Embraer Vice President, Programs – Executive Jets. *“Embraer is committed to making quality products for the executive jet market, offering them with full certification, and technical and maintenance support.”*

“The Phenom 100 is the first executive jet in its category where the full certification process fell under the responsibility of EASA. Aviation is an international business and this project has once more proven that our common goal is to increase safety. We thank the Brazilian National Civil Aviation Agency and Embraer for their enthusiasm and accuracy,” said Dr. Norbert Lohl, EASA's Certification Director.

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Some of the capabilities of the aircraft were exceeded, including a maximum cruising speed of 390 knots (True Air Speed – TAS), 10 knots faster than promised, and fuel consumption up to 3.6% better than initial estimates. External noise levels enjoy a 33 EPNdB (Effective Perceived Noise in Decibels) margin over the International Civil Aviation Organization (ICAO) stage IV requirements. The longest interval between scheduled maintenance – 600 FH (Flight Hours) or 12 months – gives the Phenom 100 a huge advantage over competitors by requiring only five scheduled maintenance stops in five years. Takeoff and climb performance is also better than expected. The baggage compartment that was the largest in the category became even larger, gaining 8 cubic feet (227 liters), from 45 cubic feet (1,274 liters) to 53 cubic feet (1,501 liters).

About the Phenom 100 Executive Jet

Premium comfort, outstanding performance and low operating costs are key design drivers of the Phenom 100 best-in-class jet. The aircraft offers pilots and passengers unprecedented comfort and style in its category. Developed in partnership with BMW Group DesignworksUSA, the innovative interior design and relaxing ambience are enhanced by large windows and the most ample cabin in its class.

The pilot-friendly cockpit and docile flying qualities of the new aircraft enable single-pilot operation. Drawing on Embraer's engineering experience, the Phenom 100 was designed for high utilization and availability. For added safety and reliability, the jet offers a standard anti-skid brake-by-wire system.

The Phenom 100 was introduced by Embraer, in 2005, and is the most comfortable business jet in the entry level category, accommodating four passengers in the club seat configuration. The rear baggage compartment has a capacity of 53 cubic feet (1,501 liters), which is sufficient for transporting golf and ski bags and equipment. Additional storage space in the aircraft nose and interior wardrobes adds up to another 16 cubic feet (453 liters), totaling 71 cubic feet (2,010 liters) throughout the jet.

Based on Garmin's all-glass, fully-integrated avionics suite, the Prodigy® flight deck offers Phenom jet operators more advantages than any other avionics suite on today's market. The cockpit features three interchangeable 12-inch displays – two Primary Flight Displays (PFD) and one Multi-Function Display (MFD). The system integrates all primary flight, navigation, communication, terrain, traffic, weather, engine instrumentation, and crew-alert data, and presents the composite information on these three brilliant, sunlight-readable color high-definition screens.

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Two Pratt & Whitney Canada PW617F-E engines power the jet, with 1,695 pounds of thrust each. Its range with four occupants is 1,178 nautical miles (2,182 kilometers or 1,356 miles) with NBAA IFR reserves (35 minutes of holding and 100 nautical mile alternate). The aircraft is capable of flying at 41,000 feet (12,497 meters), attained by a direct climb, even when fully loaded. In addition, the Phenom 100 is designed to perform short-field takeoffs or landings and to fly at a maximum cruise speed of Mach 0.70, or 390 knots (True Air Speed – TAS). These characteristics allow customers to fly nonstop from New York to Miami, in the U.S.; from London to Rome, in Europe; or from Brisbane to Melbourne, in Australia.

The jet received the IF Award, in Germany, as the best product, in 2006, and the best interior, in 2007, as well as the Good Design Award, in China, for the best project, in 2006. In May 2008, the editors of Robb Report magazine, in the U.S., voted the Phenom 100 the “Best of the Best Business Jet”.

Under January 2009 economic conditions, the baseline configuration of the Phenom 100 is priced at US\$ 3.6 million for FAA certification (USA), US\$ 3.65 million for ANAC certification (Brazil) and US\$ 3.68 million for EASA certification (European Union). For more information about Embraer’s executive jets, visit www.EmbraerExecutiveJets.com.

Embraer Image Gallery

Visit the Embraer Image Gallery at www.embraer.com.



Note to Editors

Embraer (Empresa Brasileira de Aeronáutica S.A. - NYSE: ERJ; Bovespa: EMBR3) is the world’s largest manufacturer of commercial jets up to 120 seats, and one of Brazil’s leading exporters. Embraer’s headquarters are located in São José dos Campos, São Paulo, and it has offices, industrial operations and customer service facilities in Brazil, the United States, France, Portugal, China and Singapore. Founded in 1969, the Company designs, develops, manufactures and sells aircraft for the Commercial Aviation, Executive Aviation, and Defense and Government segments. The Company also provides after sales support and services to customers worldwide. On March 31, 2009, Embraer had a workforce of 17,375 employees – not

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counting the employees of its subsidiaries OGMA and HEAI – and its firm order backlog totaled US\$ 19.7 billion.

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