



Embraer Phenom 300 February 2011 Delivery

Telephone: 1.877.jetAVIVA

Fax: 1.310.872.5598



7415 Hayvenhurst Place

Van Nuys, CA 91406

Background

12/14/2009 - Phenom 300 achieves FAA certification!

"The Phenom 300's maximum range, originally designed to be 1,800 nautical miles (3,334 kilometers), has been extended to 1,971 nautical miles (3,650 kilometers) with six occupants and NBAA IFR reserves. Runway performance also significantly improved over the initial targets. Takeoff field length, at maximum takeoff weight (MTOW), is now 3,138 feet, considerably better than the original 3,700 feet, while landing distance at maximum landing weight (MLW) improved to 2,621 feet, or 329 feet shorter than the targeted 2,950 feet.

"For flights into and out of airports with restrictions due to high temperatures or high elevations, the Phenom 300 exceeded the range targets, resulting, for example, on a range of more than 2000 nm from Aspen, Colorado, U.S. Climb performance also surpassed expectations, allowing the aircraft to depart from sea level at MTOW and reach its operational ceiling of 45,000 feet in only 26 minutes. Powered by two fuelefficient Pratt & Whitney Canada PW535-E engines, the Phenom 300's fuel consumption is as much as 6% better than originally estimated.

"The jet's top speed of 453 knots (True Air Speed – TAS) was validated during the flight test campaign. Certified without restrictions, the Phenom 300 is able to fly according to Visual and Instrument Flight Rules, day or night, and into known or forecasted icing conditions. The aircraft also operates well within Stage IV external noise requirements, having been certified with a cumulative margin of 24 EPNdB."

This is a new aircraft with a confirmed February 2011 delivery. Paint and interior selection is due in February 2010.

Selected Options

- Avionics
 - TCAS II
 - Dual RCZ-852 Mode S/TCAS II transponders
 - Radio Altimeter
 - ELT with position reporting interface
 - Jeppesen ChartView (electronic charts)
 - Electronic Checklist
 - Ice Detector
 - Flight Data Recorder (FDR)
 - Class-A TAWS
- Interior
 - Seven-seat configuration
- Cockpit Flood Lights
- Cockpit Sun Visors and Sun Shades
- Cockpit Sheepskin Seats
- Hot Jug in galley
- Exterior
 - Premium Passenger Door
 - Baggage Compartment Heat
- Safety Equipment
 - Life vests for nine adults
 - Smoke goggles
 - Crew Portable Breathing Equipment (PBEs)
 - 77 Cubic Foot Oxygen Bottle

Stock Photos



