



FACTORY NEW 2010 EMBRAER PHENOM 100 AIRCRAFT SPECIFICATION



Embraer file photo.

AVAILABLE APRIL 2010

ENQUIRIES

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AIRFRAME & ENGINE OVERVIEW

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Embraer file photos.

Information Validity	22 March 2010
Aircraft Manufacturer & Model	Embraer Phenom 100
Month/Year of Manufacture	April 2010
Engines	Two Pratt & Whitney PW617F Turbofan Dual FADEC Engines
Range IFR/VFR (4 Occupants)	1,160 nm (2,148 km) IFR / 1,320 nm (2,445 km) VFR
High Speed Cruise / MMO	HSC 380 ktas (704 km/h) / MMO 0.70
Max Operating Altitude	40,000 ft (12,497 m)
Takeoff Field Length	3,400 ft (1,036 m)
Price	Call Peter Smales +44 (0) 7760 754 991 & +44 (0) 1753 830 363
Highlights	Factory Warranty; Prodigy™ Flight Deck 100 w/ Options

INDIGO LYON LIMITED, BOX 70, 24-28 ST. LEONARDS ROAD, WINDSOR, BERKS SL4 3BB, UNITED KINGDOM
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Please note that the aircraft specification herein is subject to verification on inspection, and that the aircraft is available subject to prior sale or withdrawal from market.



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COCKPIT, INSTRUMENTATION & AVIONICS

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As standard all Phenom 100 comes with the following features included in the Prodigy™ flight deck:

Display of attitude, heading, and slip/skid	Crew Alerting System (CAS)
Display of air data information	Aural Warning
Display of engine parameters and systems status / information (including synoptic)	Flight Management System (FMS) including Required Navigation Performance (RNP)
Automatic Direction Finder – ADF	VHF Communication (COM)
Airborne Audio System	VOR/ILS Navigation (NAV)
Transponder functions including Traffic Information System (TIS)	Display of terrain information, including Terrain Awareness and Warning System, class B (TAWS-B)
Satellite based positioning navigation (GPS-WAAS ¹)	3 Axis CAT I Automatic Flight Control System (AFCS)
Satellite Weather and Radio Receiver ²	Moving map for situational awareness
Flight Director (FD)	Vertical Navigation (VNAV)
Emergency Locator Transmitter (ELT)	Pitch and Mach Trim Computations
B/PRNAV	Center Maintenance Computer (CMC), including Health Monitoring Capability for Engines

¹ WAAS capability is available in GPS WAAS coverage area.

² Satellite Weather and Radio Receiver are available in XM™ service coverage area.

OPTIONS

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Weather Radar	Electronic Jeppesen Charts – ChartView™
DME	Traffic Alert & Collision Avoidance System–TCAS 1
2nd Transponder Mode S with Diversity	Cockpit Flood Lights
Automatic Direction Finder – ADF	Cockpit Seats with Sheepskin Cover
Sunshade and Sun Visor	

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INTERIOR

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The Phenom 100 will comfortably accommodate four passengers. The generous 55-cubic-foot (1.56-cubic-meter) baggage compartment is big enough to store luggage, golf bags and even skis.



Embraer interior rendering of the aircraft presented for sale on this spec sheet.

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