



2012 EMBRAER PHENOM 300 AIRCRAFT SPECIFICATION



IMMEDIATELY AVAILABLE

ENQUIRIES

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INTRODUCTION

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OVERVIEW

Arguably the most innovative light jet available on the market today, Embraer's Phenom 300 is designed with low, swept-back wings and a T-tail. The aircraft is powered by two Pratt & Whitney dual FADEC controlled PW535-E engines providing redundancy and automated engine control, and also features trailing link landing gear for softer landings, a hot-air anti-ice system, and a brake-by-wire system with anti-skid capability for better braking. Not only does the Phenom 300 boast a stylish, spacious interior, but so too state-of-the-art avionics delivering outstanding performance in the cockpit via Embraer's Prodigy™ flight deck incorporating a Garmin G1000 all-glass avionics suite. Indigo Lyon is proud to present this featured young EASA EU Ops 1 2012-manufactured beautifully presented and dedicated-hangared model Phenom 300 for immediate sale.

Information Validity	28 th February 2014
Aircraft Manufacturer & Model	Embraer Phenom 300
Serial Number / Registration	505-0102 / OY-PWO
YOM / TTAF / Landings	2012 / 358 Hours / 293 Landings
Operational Certification Status	EASA EU Ops Compliant
Engine Model & S/N's	2 x PW535E Turbofan S/N's PCE-DG0195 & PCE-DG0196
Engine TSN / Cycles	Both Engines 358 Hours TSN / 293 Cycles
Price	Call Peter Smales +44 (0) 7760 754 991 & +44 (0) 1753 830 363
Highlights	No Damage History. Aircraft always Hangared. Approved for Icing Conditions, Extended Overwater Ops, RVSM and BRNAV/RNAV5. Externally Serviced Lavatory. Large 76ft ³ (2.15m ³) Baggage Space. One Owner since New. Fresh 12/24 Month Inspection.

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EMB PRODIGY (GARMIN G1000) FLIGHT DECK

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Embraer's Prodigy™ Flight Deck with Garmin's G1000 Integrated Instrument and Avionics System All-glass Avionics Suite includes:

- GFC700 3-Axis Autopilot
- Dual GRS77 AHRS
- Dual GIA63W
- Dual GMA1347D Audio Panels
- GWX68 Weather Radar
- Dual Marker Beacons
- L3 CVDR
- Dual GDC74B ADC
- Dual GMU44 Magnetometers
- Dual VHF Nav/Comm
- Full Featured FMS
- Dual L-3 Solid-State Pitots
- Angle of Attack Sensors
- Additional Attitude Indicator
- Dual GDC74B ADC
- Dual GMU44 Magnetometers
- Dual WAAS GPS
- Cruise Speed Control
- XM Radio Weather Receiver
- Standby Instrument System
- Transponder Mode S/Diversity

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OPTIONAL EQUIPMENT & SYSTEMS

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- 2nd Mode S XPNDR w/Diversity
- Radio Altimeter
- L-3 FA2100 FDR (EU-OPS 1)
- Ice Detector
- Cockpit Floodlights
- Life Raft
- Hot Jug
- Veneer
- Electronic Charts - ChartView™
- DME
- TAWS Class A
- Sunshade & Sun Visor
- Smoke Goggles
- Premium Passenger Door
- Belted Lavatory Seat
- Baggage Compartment Heating
- Electronic Checklist
- ADF
- TCAS II (Standard for EASA)
- Crew Portable Breathing Eqpt.
- Cockpit Seats Sheepskin Covers
- Life Vests
- Lavatory Sink



Conceived jointly with BMW Designworks and featuring comfortable and fully reclining seats, excellent headroom and legroom, and the best windows in its class, the Phenom 300 cabin is a great place to work or relax - the space and lowest cabin pressure altitude in its category (6,600 ft at FL450) ensuring you arrive fully rested at your final destination. Incorporating two distinct temperature zones, the independent cabin (controlled from the VIP seat) and cockpit (controlled by the flight deck crew) temperature controls provided by the ECS in conjunction with electronically controlled thermostat ensures precise temperature settings.

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BAGGAGE

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The Phenom 300's 76-cubic-foot (2.15-cubic-meter) baggage capacity is large enough to hold up to six garment bags, six roll-on bags, six laptop bags and either six golf bags or six pairs of skis.

OTHER FEATURES

- Hot Air Anti-Ice for Wings and Horizontal Stabilizer. No Boots.
- Single Point Refueling. Maximum refueling time from empty to full is less than 12 minutes.
- Refueling controlled at External Control Panel. No-one needs to be inside the Aircraft when refueling.
- Complies with and surpasses ICAO Stage 4 noise requirement with a significant margin.
- Highly fuel efficient PW535E Engines with low carbon emissions and 5,000 hour TBO.
- High utilization potential and reduced maintenance.
- Simple maintenance and long intervals (600 Flight Hours or 12 months) between inspections.
- Phenom 300 designed for an economic life of 35,000 hours, far longer than its closest competitor.



Photo courtesy of Jesús Benítez

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INTERIOR IMAGES

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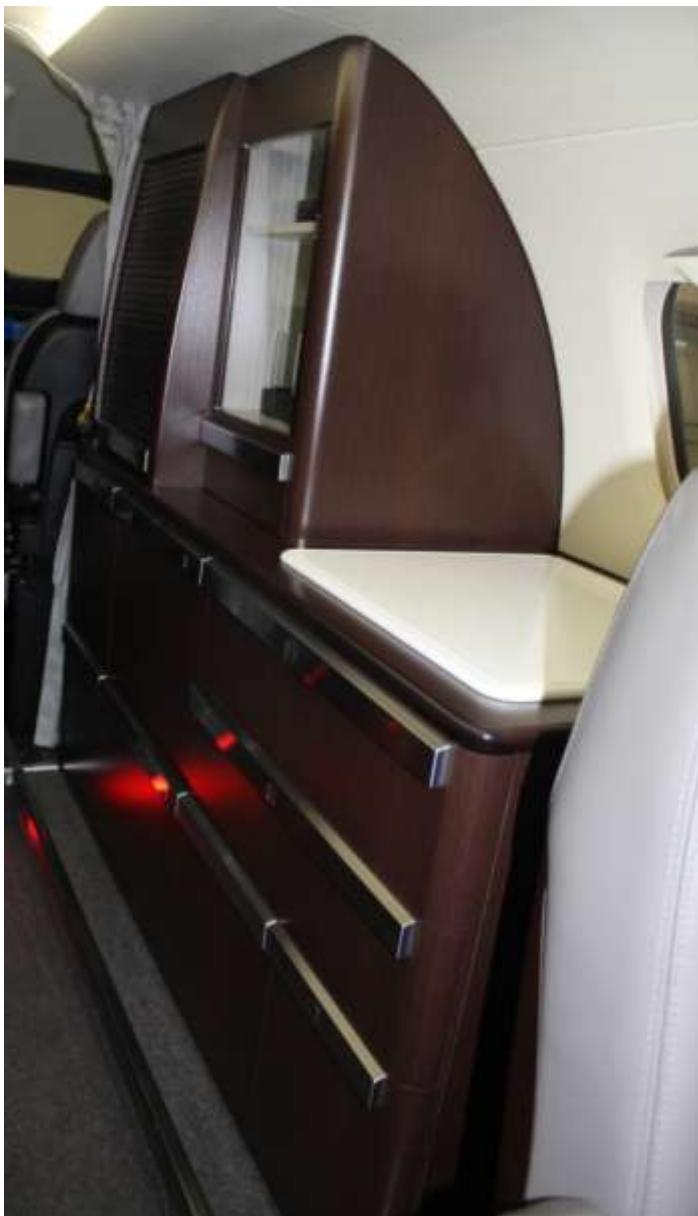
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PERFORMANCE

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- Range @ 6 Occupants 1,971 nm / 3,650 km (LRC, NBAA IFR reserves)
- Maximum Operating Speed M 0.78
- High Speed Cruise 453 kt / 839 km/h
- Take-off Distance (MTOW, SL, ISA) 3,138 ft / 956 m
- Ldg Distance (MLW, SL, ISA) 2,621 ft / 799 m
- Maximum Payload 2,416 lb / 1,096 kg
- Maximum Operating Altitude 45,000 ft / 13,716 m
- Propulsion Pratt & Whitney PW535-E
- Engine Thrust / Flat Rating 3,360 lbf / ISA + 15°C
- Block Fuel for 1,000 nm 2,403 lb / 1,090 kg
- External Noise 24 EPNdB below stage 4
- Main Baggage Compartment 66 ft³ / 1.87 m³



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