INNOVATION
The Phenom 300 redefines the light jet segment. With the Prodigy® Flight Deck 300, our engineers have created the most highly intuitive and professional cockpit available among light jets. This jet really is a single pilot’s dream.

COMFORT
Every inch of the Phenom 300 has been intelligently designed, and it’s not just the cabin that offers unprecedented space. The cockpit has been designed with a human factors philosophy and this jet has the largest galley, baggage and windows in its class.

ERGONOMICS
Compromise was never an option when we designed the Phenom 300. From the movement capability of the seats to extensive in-flight entertainment and connectivity within easy reach, this jet is as close to perfection as possible.

PERFORMANCE
With best-in-class performance, the Phenom 300 can take-off from challenging airports at high elevations and hot temperatures. With excellent fuel consumption, low operating costs and a redefined aerodynamic design, this jet won’t let you down.
INTUITIVE DESIGN

LEARN MORE ABOUT PHENOM 300 TECHNOLOGY ONLINE
COMFORT THAT BREAKS WITH CONVENTION
ATTENTION TO DETAIL
INNOVATION
COMFORT
ERGONOMICS
PERFORMANCE
CUSTOMER SUPPORT & SERVICES
SPECIFICATIONS
CONTACTS

A FRESH APPROACH

LEARN MORE ABOUT PHENOM 300 ERGONOMICS ONLINE
PERFORMANCE TECHNOLOGY
Global distribution of Embraer Executive Jets owned and authorized service centers

Cash Embraer Executive Jets Owned Service Center, Authorized Service Center, Parts Distribution Center

View Embraer Executive Jets Service Center Network Online
With its clean-sheet design, best-in-class performance, exceptional comfort and excellent utility, the Phenom 300 defines the light jet category.

**PERFORMANCE DATA**

<table>
<thead>
<tr>
<th>Performance Metric</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range @ 6 Occupants (LRC, NBAA IFR res)</td>
<td>1,971 nm / 3,650 km</td>
</tr>
<tr>
<td>High Speed Cruise</td>
<td>453 kt / 839 km/h</td>
</tr>
<tr>
<td>Maximum Operating Speed</td>
<td>M 0.78</td>
</tr>
<tr>
<td>Take-off Distance (MTOW, SL, ISA)</td>
<td>3,138 ft / 956 m</td>
</tr>
<tr>
<td>Landing Distance (MLW, SL, ISA)</td>
<td>2,621 ft / 799 m</td>
</tr>
<tr>
<td>Maximum Payload</td>
<td>2,416 lb / 1,096 kg</td>
</tr>
<tr>
<td>Maximum Operating Altitude</td>
<td>45,000 ft / 13,716 m</td>
</tr>
<tr>
<td>Propulsion</td>
<td>Pratt &amp; Whitney PW535-E</td>
</tr>
<tr>
<td>Engine Thrust / Flat Rating</td>
<td>3,360 lbf / ISA + 15ºC</td>
</tr>
<tr>
<td>Avionics</td>
<td>Prodigy® Flight Deck 300</td>
</tr>
<tr>
<td>Main Baggage Compartment</td>
<td>66 cu.ft / 1.87 cu.m</td>
</tr>
<tr>
<td>Seating Capacity (crew / max occupants)</td>
<td>1 / 10</td>
</tr>
</tbody>
</table>

**AVIONICS – PRODIGY® TOUCH 300**

Exclusively developed for the Phenom 300, Prodigy® Touch 300 takes advantage of Embraer’s extensive experience developing cockpits for commercial and defense aircraft.

- Single-pilot operation flight management system
- Reduced pilot checklists thanks to smart system’s automation
- Soft keys on displays minimize navigation time on menus
- Available Prodigy® Touch Integrated Avionics Suite
- Three 14.1” interchangeable displays
- Flight Management System (FMS) with graphical flight planning capability – unique in its class
- Integrated Electronic Standby Instrument (IESI)
- Engine Indication and Crew Alerting System (EICAS)
- Electronic checklist and system synoptics
- Charts and Maps (SIDs, STARs)
- Synthetic Vision System (SVS) – unique in its class
- Weather radar with vertical scan capability
- Coupled VNAV and RNP 1
- WAAS / LPV
- Datalink via SATCOM – unique in its class
- Central Maintenance Computer (CMC): quick fault location and isolation

Some features are optional.
SEATS
- Retractable arm rests
- Full recline capability
- Full movement capability for all seats

LARGEST GALLEY IN ITS CLASS
- Ice drawer, provisions for hot jug
- Space for miniature bottles, wine bottles
- Trash compartment

IN-FLIGHT ENTERTAINMENT (IFE)
- CD / DVD, XM radio receiver (for US operators), Auxiliary inputs
- 10.4” LCD ceiling-mount monitor
- 7” LCD individual arm monitors
- VIP seat cabin management system control
- Moving map

LAVATORY
- A fully enclosed, externally serviced, chemical lavatory
- Rigid lavatory door as standard
- Optional belted toilet certified for take-off and landing
- Optional lavatory sink

LARGEST WINDOWS IN ITS CLASS

INNOVATION

THE MOST COMFORTABLE CABIN
- Exclusive Oval Lite® cabin for more head and leg room
- Largest cabin in its class with two distinct cabin temperature zones
- Best pressurization in class (6,600 ft max)
- Optional 2-place divan (replaces galley), 7th seat (replaces galley), refreshment center (replaces wardrobe)
- Mix and match multiple finishes to tailor to your taste: wood veneer, laminates, leather, carpets, fabric

VOICE AND CONNECTIVITY
- AirCell high speed in-flight Internet access
- Satellite base in-flight phone system
**THE BEST IN CLASS**

- Most Delivered Business Jet of 2013
- Best in class climb rate
- Best in class speed
- Best in class performance
- Award-winning aircraft
  - EDITOR’S CHOICE 2010 award by Flying Magazine
  - “Best of the Best Business Jet” awards by Robb Report Magazine

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**PRATT & WHITNEY ENGINES PW535-E**

- High fuel efficiency with low carbon emissions
- Reliability
- 5,000 hours time between overhauls (TBO)
- FADEC – intelligent health monitoring and diagnostics
- 3,360 lbf of maximum thrust per engine
- ISA + 15°C Flat Rating

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**HOT AIR ANTI-ICE UNIQUE IN ITS CLASS**

- Only light jet that uses hot air anti-ice for the wings and horizontal stabilizer
- No use of boots

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**SINGLE POINT REFUELING**

- Maximum refueling time from empty to full is less than 12 minutes
- The external control panel allows refueling of the aircraft with no need to have someone inside the cockpit

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**BRAKE-BY-WIRE WITH CARBON BRAKES**

- Controllability does not vary with temperature
- Fewer maintenance tasks: better economics
- Improved safety
- Anti-skid protection
- Carbon brakes weigh less and have a longer life

---

**SMARTPROBE™**

- Two Smartprobes electronically interfaced together
- Combines multi-function probe and air data computer, calculations done at the probe
- Eliminates pneumatic tubing, pressure lag, pressure checks on flight line and angle of attack sensor
- Easier maintenance and replacement, reduced size and power

---

**EXTERNALLY SERVICED LAVATORY UNIQUE IN ITS CLASS**

- Faster turnaround times
- Avoids waste removal through the cabin

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**LARGEST CABIN DOOR**

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**LARGEST BAGGAGE COMPARTMENT IN ITS CLASS**

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**UNIQUE AIRSTAIR WITH HANDRAIL**

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**EXTERNALLY SERVICED LAVATORY**

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**THE BEST IN CLASS**

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CROSS SECTION
Compare a competitor’s standard circular cross section to our Oval Lite® design. You’ll see passengers enjoy more head and leg room in the Phenom 300.

CJ4 cross section used as reference.

CABIN LENGTH

<table>
<thead>
<tr>
<th>Model</th>
<th>Length (ft) (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ3</td>
<td>15.7 ft (4.79 m)</td>
</tr>
<tr>
<td>CJ4</td>
<td>17.3 ft (5.27 m)</td>
</tr>
<tr>
<td>HAWKER 400XP</td>
<td>15.5 ft (4.72 m)</td>
</tr>
<tr>
<td>PHENOM 300</td>
<td>17.2 ft (5.24 m)</td>
</tr>
</tbody>
</table>

Argus CompAir 2013

SEE THE DIFFERENCE
**PAYLOAD VS RANGE**

The Phenom 300 burns up to 14% less fuel and carbon emissions per typical flight than its closest competitor, making it the greenest aircraft in the category, it’s also the least expensive to operate with a total DOC advantage of 18%.

**ENTRY DOOR AREA**

The only jet in its class with an airstair door.

**MAIN BAGGAGE VOLUME**
LATIN AMERICA  
Tel.: +55 11 3040 8432

U.S., CANADA & CARIBBEAN  
Tel.: +1 321 751 5050

EUROPE, CIS & AFRICA  
Tel.: +44 1252 379 270

MIDDLE EAST  
Tel.: +9714 428 0682

ASIA PACIFIC  
Tel.: +65 6734 4321

CHINA  
Tel.: +86 10 6598 9988

EmbraerExecutiveJets.com