



Rethink Convention.

 **EMBRAER**
Executive Jets

PHENOM 300



WHEN YOU'RE UNBOUND BY CONVENTION, AMAZING THINGS CAN HAPPEN.

Our Phenom 300 light jet, for example — the most-delivered business jet in the world — a clean-sheet design delivering top-tier speed, climb and field performance; next-generation avionics; and a spacious cabin, plus largest-in-class baggage compartment.

In the cockpit, the advanced Prodigy® Touch Flight Deck enables single-pilot operation in a highly intuitive environment with soft keys and some touchscreen functionalities. The avionics enhance situational awareness with clear information about speed, altitude, fuel, engine performance and other flight parameters.

Accommodating up to 10 passengers in comfort and style — and with robust options for inflight entertainment and voice and data communications — the 17-ft-2-in-long OvalLite™ cabin offers abundant natural light, ample leg and head room, and the largest galley in its class. Seats offer recline and full movement capability. And passengers enjoy the best cabin altitude in the category (6,600 ft at FL 450). Contributing to enviable presence on the ramp, the signature “air stair” leads to the largest entrance door area in its class.

The Phenom 300 is a clear example of gains that come with rethinking convention. Capable of flying at 45,000 ft, it delivers a high speed cruise of 453 knots, as well as a six-occupant range of 1,971 nm with NBAA IFR reserves (nonstop from Miami to Telluride, or Los Angeles to Orlando). Its superior overall performance combined with class-leading fuel efficiency (up to 19% better than its closest competitor) contribute to the Phenom 300's breakthrough status and strong acceptance in the marketplace. All because, for us, the status quo wasn't good enough. And never is.

01

*Best overall performance
in class*

02

*Best cabin altitude
in the category
(6,600ft @ FL 450)*

03

*Largest baggage
compartment in class*

04

*Single-point
refueling*

05

*Externally serviced
lavatory*

PHENOM 300

SPECIFICATIONS

52 ft 2 in | 15.9 m



51 ft 4 in | 15.6 m



16 ft 9 in | 5.1 m



19 ft 7 in | 6.0 m

With its clean-sheet design, best-in-class performance, exceptional comfort and excellent utility, the Phenom 300 defines the light jet category.

PERFORMANCE DATA

Range (LRC, 4 pax and NBAA IFR reserves with 200 nm alternate airport)	1,971 nm / 3,650 km
High Speed Cruise	453 kt / 839 km/h
MMO	M 0.78
Takeoff Distance (MTOW, SL, ISA)	3,138 ft / 956 m
Unfactored Landing Distance (MLW@ 200 lb each, NBAA IFR reserves, 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
Engines Thrust / Flat Rating	3,360 lbf / ISA + 15°C
Avionics	Prodigy® Touch Flight Deck 300
Total Baggage and Stowage Volume	84 cu.ft / 2.38 cu.m
Seating Configuration (Crew + Standard Pax / Max Pax)	1 - 2 + 6 / 9 - 10

CABIN LENGTH

CJ3+
15.7 ft



CJ4
17.3 ft



PHENOM
17.2 ft



Conklin & de Decker APC 2015

Largest baggage compartment in class



Exclusive OvalLite® cabin offers more head and leg room



AVIONICS — PRODIGY® TOUCH FLIGHT DECK 300

FLIGHT DECK

- Single-pilot operation
- Reduced pilot checklists thanks to smart system's automation
- Soft keys on displays minimize navigation time on menus
- Three 12.4" 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.



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