



Rethink Convention.

 **EMBRAER**
Executive Jets

PHENOM 100E



THE COMFORT OF THE STATUS QUO IS NEVER A GOOD PLACE TO BE.

From that fundamental guiding premise emerged our clean-sheet Phenom 100E — a high-performance entry-level jet with remarkable cabin comfort, unsurpassed ramp presence, and the economics of a turboprop.

Honored by Robb Report as “Best of the Best” in its class, the Phenom 100E is also the roomiest, carrying up to seven passengers in comfort and style. The exclusive OvalLite™ cabin — with its clean, sophisticated design — offers more leg and head room, plus largest-in-class windows. Baggage capacity of 70 cu ft also leads the class, and the fully enclosed rear private lavatory is the only one in the category featuring large windows for additional natural light. Contributing to enviable presence on the ramp, the signature “air stair” leads to the largest entrance door area in its class.

As a rethink of cockpit convention, class-leading next-generation technology — the Prodigy® Flight Deck 100 — facilitates intuitive single-pilot operation through smart-system automation. Leading the way for performance, the aircraft flies just under 1,200 nm and takes off from runways as short as 3,125 ft (953 m) at maximum takeoff weight. It is also one of the fastest jets in its category, yet still has lower mission costs than competitors. Factor in its rugged construction and high dispatch reliability and the Phenom 100E becomes all the more compelling — a product of rejecting what is in order to create what should be.

01

The largest cabin and baggage compartment in class

02

The largest and best entrance door (Air Stair) in class

03

11 interior collections

04

Rear private lavatory (fully enclosed)

05

Available full movement seats

PHENOM 100E

SPECIFICATIONS

40 ft 4 in | 12.3 m



42 ft 1 in | 12.82 m



14 ft 3 in | 4.35 m



17 ft 6 in | 5.34 m

Not only does the Phenom 100E set new standards in its category, it brings a whole new definition of style, comfort, performance and reliability to the entry-level jet.

PERFORMANCE DATA

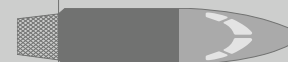
Range (LRC, 4 pax and NBAA IFR reserves with 200 nm alternate airport)	1,178 nm / 2,182 km
High Speed Cruise	390 kt / 722 km/h
MMO	M 0.70
Takeoff Distance (MTOW, SL, ISA)	3,125 ft / 953 m
Unfactored Landing Distance (LW with 4 pax @ 200 lb each, NBAA IFR reserves, SL, ISA)	2,722 ft / 830 m
Maximum Payload	1,334 lb / 605 kg
Maximum Operating Altitude	41,000 ft / 12,497 m
Propulsion	Pratt & Whitney PW617F-E
Engines Thrust / Flat Rating	1,695 lbf / ISA + 10°C
Avionics	Prodigy® Flight Deck 100
Total Baggage and Stowage Volume	70 cu.ft / 1.98 cu.m
Seating Configuration (Crew + Standard Pax / Max Pax)	1 / 7

CABIN LENGTH

M2
11.0 ft



MUSTANG
9.75 ft



PHENOM
11.0 ft



Largest cabin and baggage compartment in class



Exclusive OvalLite® cabin offers more head and leg room



AVIONICS — PRODIGY® FLIGHT DECK 100

FLIGHT DECK

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



LATIN AMERICA

Tel.: +55 11 3040 8432

U.S., CANADA & CARIBBEAN

Tel.: +1 321 751 5050

EUROPE, CIS & AFRICA

Tel.: +44 1252 379 270

EmbraerExecutiveJets.com

MIDDLE EAST

Tel.: +9714 428 0682

ASIA PACIFIC

Tel.: +65 6734 4321

CHINA

Tel.: +86 10 6598 9988

