

# 2017 Embraer Phenom 100EV

SN 50000389  
N5276G



SOLJETS



Passenger  
6



Mach  
0.7



Range (NM)  
1,178

**AIRCRAFT LISTING DETAILS:**

Total Hours: 597

**ENGINES:** Pratt & Whitney PW617F1-E

	<u>Left</u>	<u>Right</u>
Serial Number:	PCE-LD0017	PCE-LD0018
Total Hours:	597	597
Engine Cycles:	518	518
TBO:	3500	3500

**AIRCRAFT HIGHLIGHTS:**

- ADS-B Out
- 5th Seat and Belted Lav
- FlightDocs
- Enrolled In ESP Gold Lite & EEC Standard

**STANDARD AVIONICS:**

- Embraer Prodigy Flight Deck Based on Garmin's G3000 Avionics System
- Three 14 inches Active Matrix Liquid Crystal Displays (AMLCD) and Two 5.7 inches
- Infrared Touch Screen Controllers for data input Integrated Electronic Standby Instrument (IESI)
- Crew Alerting System (CAS)
- Aural Warning
- VHF Communication (COM)
- Airborne Audio System
- Flight Management System (FMS) including Required Navigation Performance (RNP)
- Satellite Weather and Radio Receiver
- Central Maintenance Computer (CMC)
- Cockpit Voice & Data Recorder (CVDR)
- SVS – Synthetic Vision System
- Emergency Locator Transmitter (ELT)
- Electronic Jeppesen Charts
- Electronic Checklist



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**FEATURES / OPTIONS:**

- ADS-B Out
- Weather Radar
- DME
- TCAS I
- Surface Watch
- Belted Lav
- 5th Seat
- Lavatory Rigid Door
- Sunshade and Sun Visor
- Cockpit Flood Lights
- Cockpit Seat Sheepskin Cover
- Premium Seats
- Stowage Compartment
- Premium Passenger Door
- Life Vests - 8 Seats
- Crew Portable Breathing Equipment
- Smoke Goggles

**INTERIOR:**

- Executive Six (6) Passenger Interior Including Optional 5th Seat and Belted Lavatory All Completed in Grey Leather Accented with Brown Woodwork, Dual Mid-Cabin Writing Tables, and Brushed Gold Hardware.

**EXTERIOR:**

- Overall Pure White with Grey and Black Accent Striping.



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**MAXIMUM CRUISE SPEED**

(35,000 ft / 10,668 m, mid cruise weight) 406 ktas 752 km/hr

**NBAA IFR RANGE (100 nm Alternate)**

Full fuel, MTOW, and Max Cruise 1,178 nm 2,182 km

**AIRPORT PERFORMANCE (Dry, Level, Hard, Zero Wind)**

Takeoff distance (SL, ISA, MTOW) 3,190 ft 972 m

Landing distance (SL, ISA, MTOW) 2,430 ft 741 m

**CEILING**

Maximum certified 41,000 ft 12,500 m

**RATES OF CLIMB**

All engines 2,005 ft/min 611 m/min

Single engine 621 ft/mi 189 m/m

**AIRSPEED LIMITS**

Vmo 275 kias 509 km/hr

**APPROACH SPEED**

Landing configuration (Vfe) 91 kcas 168 km/hr

**PRESSURIZATION**

Nominal pressure differential 8.3 psi .58 bar



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**OUTSIDE DIMENSIONS**

Overall length	42 ft 1 in	12.80 m
Overall height	14 ft 3 in	4.40 m
Wingspan	40 ft 4 in	12.30 m

**CABIN DIMENSIONS**

Length (excluding cockpit)	132 in	3.35 m
Height	59 in	1.50 m
Width	61 in	1.55 m

**ENGINES**

Two (2) Pratt & Whitney PW617F1-E

Takeoff thrust 1,730 lb

**Design Weights and Capacities**

Max ramp weight	10,747 lb	4,875 kg
Max takeoff weight	10,703 lb	4,855 kg
Max landing weight	9,998 lb	4,535 kg
Max zero fuel weight	9,072 lb	4,115 kg
Max fuel capacity (6.7 lb / gal)	2,804 lb	1,272 kg
Typical empty weight*	6,983 lb	3,167 kg
Useful Load**	3,488 lb	1,582 kg
Payload with full fuel	545 lb	293 kg

\*Reflects standard aircraft with typical options and unusable fuel / oil

\*\*Amount of payload and fuel that can be carried based on ramp weight



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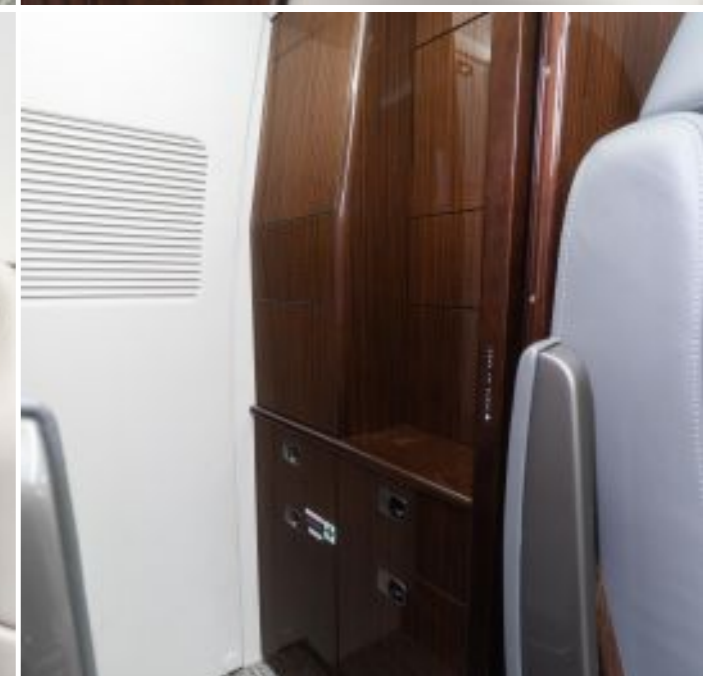
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