

2023 Embraer SN 50000440

Phenom 100EV



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VIRTUAL TOUR



AVPRO INC.
www.avprojets.com

MANAGING PARTNER

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2023 Phenom 100EV SN 50000440 N589PS

Aircraft Listing Details:

Total Hours: 145

Total Landings: 98

Engines: Pratt & Whitney PW617F1-E

	#1	#2
Total Hours:	145	145
Engine Cycles:	98	98
Serial Numbers:	PCELD0121	PCELD0122

Aircraft Highlights:

- One Owner Since New
- Engines on ESP Gold
- EEC Enhanced
- Runway Overrun Awareness & Alerting System (ROAAS) EASA

Compliance

Avionics:

- Prodigy Touch™ System (Garmin G3000)
- Integrated Avionics Unit (GIA64E)
- Three (3) 14.1" Active Matrix Liquid Crystal Displays (AMLCD)
- 3 Axis CAT I Automatic Flight Control System (AFCS)
- Integrated Electronic Standby Instrument (IESI)
- Pitch/Roll/Yaw Servo - Servo Autopilot (GSA 81)
- Flight Director (FD)
- Two (2) Audio Panels
- One (1) Guidance Panel
- Two (2) 5.7" Infrared Touch Screen Controllers (Data Input)
- Full Authority Digital Engine Control (FADEC)
- Air Data Computer (GDC 74B)
- VHF Communication (COM)
- VOR/ILS Navigation (NAV)
- Honeywell DME
- ILS/MB/VOR
- Dual ADF Automatic Direction Finders
- Honeywell Dual Radio Altimeters
- Attitude & Heading Reference System (GRS 79)
- Garmin Satellite Weather & Radio Receiver
- Weather Radar
- Garmin Dual Mode S Transponders w/ADS-B In
- Package 1 (DME + 2nd Transponder Mode S w/Diversity)
- Flight Management System (FMS) w/RNP
- Satellite Based Positioning Navigation (GPS-WAAS)
- TCAS I – Traffic Alert and Collision Avoidance System I
- Terrain Awareness and Warning System Class B (TAWS-B)
- Cockpit Voice & Data Recorder (CVDR)
- FDR Accelerometer (CAT.IDE.A.191)
- Electronic Fuel Conditioning Unit (EFCU)
- Brake Control Unit (BCU)
- Trim Actuator Controller
- Flap System Control Unit
- Stall Warning and Protection Computer
- KANNAD Martec Serpe ELT

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Connectivity & Entertainment:

- InFlight XM Entertainment System
 - Airborne Audio System
 - 3D Audio (Requires Stereo Phones)
-

Maintenance Programs:

- Engines on ESP Gold
 - EEC Enhanced
 - CAMP
-

Navigation Compliance:

- Runway Overrun Awareness & Alerting System (ROAAS)
- Synthetic Vision System (SVS)
- Vertical Situation Display (VSD)
- ATN CPDLC and FAA Data Comm
- ADS-B Out & In
- B/PRNAV/RNP
- Vertical Navigation (VNAV)
- VNAV Guidance on a Non-Precision Approach
- Enhanced Airway Flight Planning
- Graphical Weight & Balance
- TOLD (Takeoff and Landing Data)
- PERF (Performance Management)
- Emergency Descent Mode (EDM)

Features/Options:

- Paperless Cockpit Capability
 - Center Maintenance Computer (CMC) w/Health Monitoring Capability
 - Electronic Checklist & Jeppesen Charts
 - Altitude Callouts on Airspace Rings / Airspace Altitude Labeling
 - Auto-Nominate Flight Plan on Startup
 - Pitch & Mach Trim Computations
 - Crew Alerting System (CAS)
 - Aural Warning
 - Moving Map for Situational Awareness
 - Surface Watch
 - Reactive Windshear
 - Crew Portable Breathing Equipment
 - Smoke Goggles
 - CPCS & De-Ice Controllers
 - 50 Cu. Ft. Oxygen Cylinder
 - Electronic Document Viewer
 - LED Lighting
-

Interior:

Beautifully completed interior offering a five (5) passenger plus a belted lavatory configuration featuring Embraer's "Theme Pearl" color scheme. Abundant natural light from the large windows elevates the interior providing a superior environment.

Colors: Cream Seats, Light Grey Side Ledges, Dark Wenge Veneer, Satin Nickel Plating

Exterior:

Overall Embraer Snow White with Royal Blue, Manhattan Grey Metallic Accent Striping.

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