2014 EMBRAER PHENOM 100E | SN 50000334

MACH 0.70 | OCCUPANTS 6 | RANGE (NM) 1,178

CONTACT: GREG OSWALD
greg@soljets.com | +1.847.920.7000
STANDARD AVIONICS:

- Garmin G1000 “Prodigy” Avionics Suite
- Three 12.4 Inch Active Matrix Liquid Crystal displays
- Dual AHRS
- Dual Air Data Computer
- Integrated Standby and Magnetic Compass
- 3 Axis Autopilot/ Dual Flight Director
- Dual Integrated VHF Communication
- FMS
- Dual GPS
- XM Satellite Weather and Radio Datalink
- EICAS
- Airborne Audio System and Aural Warning
- Dual Audio Control
- Central Maintenance Computer
- Cockpit Voice and Data Recorder
- Mode-S Transponder
- TAWS- B Terrain Awareness Warning System
- Dual RVSM Digital Air Data Computers
- Dual Radio Modules with Dual Digital Audio Control Systems

AIRCRAFT LISTING DETAILS:

Total Hours: 700

ENGINES: Pratt & Whitney PW617F-E

<table>
<thead>
<tr>
<th></th>
<th>Left</th>
<th>Right</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Hours</td>
<td>700</td>
<td>700</td>
</tr>
<tr>
<td>Engine Cycles</td>
<td>650</td>
<td>650</td>
</tr>
</tbody>
</table>

AIRCRAFT HIGHLIGHTS:

- Delivered with ADS-B Out
- TCAS I
- Synthetic Vision
- 5th Seat and Belted Lav
- Enrolled In ESP Gold & EEC Standard
FEATURES / OPTIONS:

- Delivered with ADS-B Out
- Weather Radar
- ELT/NAV - Emergency Locator Transmitter with Positioning Report
- Electronic Checklist
- Synthetic Vision
- Jeppsen Charts
- TCAS I
- Belted Lav
- 5th Seat
- Rigid Lav Door
- Sunshade/Sun Visor
- Cockpit Flood Lights
- Premium Passenger Door
- Crew Portable Breathing Equipment
- Smoke Goggles
- MZFW Increase

INTERIOR

Four (4) Passenger Center Club and Optional Forward Fifth (5th) Seat Completed in Cream Leather with Belted Lavatory, Dark Woodwork, Dual Mid-Cabin Writing Tables, Matte Stainless Steel Hardware.

EXTERIOR

Pure White Base with Black, Copper, and Grey Detailing.
MAXIMUM CRUISE SPEED
(35,000 ft / 10,668 m, mid cruise weight)
390 ktas  722 km/hr

NBAI 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)
3,125 ft  953 m
Landing distance (SL, ISA, MTOW)
2,636 ft  803 m

CEILING
Maximum certified
41,000 ft  12,500 m

RATES OF CLIMB
All engines
2,005 ft/min  611 m/min
Single engine
521 ft/mi  158 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**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value 1</th>
<th>Value 2</th>
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<tbody>
<tr>
<td>Overall length</td>
<td>42 ft 1 in</td>
<td>12.80 m</td>
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<tr>
<td>Overall height</td>
<td>14 ft 3 in</td>
<td>4.40 m</td>
</tr>
<tr>
<td>Wingspan</td>
<td>40 ft 4 in</td>
<td>12.30 m</td>
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</table>

**CABIN DIMENSIONS**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value 1</th>
<th>Value 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length (excluding cockpit)</td>
<td>132 in</td>
<td>3.35 m</td>
</tr>
<tr>
<td>Height</td>
<td>59 in</td>
<td>1.50 m</td>
</tr>
<tr>
<td>Width</td>
<td>61 in</td>
<td>1.55 m</td>
</tr>
</tbody>
</table>

**ENGINES**

- Two (2) Pratt & Whitney PW617F-E
- Takeoff thrust: 1,695 lb | 7.54 kN
- Bypass ration: 258:1

**Design Weights and Capacities**

<table>
<thead>
<tr>
<th>Weight/Capacity</th>
<th>Value 1</th>
<th>Value 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max ramp weight</td>
<td>10,516 lb</td>
<td>4,770 kg</td>
</tr>
<tr>
<td>Max takeoff weight</td>
<td>10,472 lb</td>
<td>4,750 kg</td>
</tr>
<tr>
<td>Max landing weight</td>
<td>9,766 lb</td>
<td>4,430 kg</td>
</tr>
<tr>
<td>Max zero fuel weight</td>
<td>8,444 lb</td>
<td>3,830 kg</td>
</tr>
<tr>
<td>Max fuel capacity (6.7 lb / gal)</td>
<td>2,806 lb</td>
<td>1,272 kg</td>
</tr>
<tr>
<td>Typical empty weight*</td>
<td>6,983 lb</td>
<td>3,167 kg</td>
</tr>
<tr>
<td>Useful Load**</td>
<td>3,488 lb</td>
<td>1,582 kg</td>
</tr>
<tr>
<td>Payload with full fuel</td>
<td>650 lb</td>
<td>295 kg</td>
</tr>
</tbody>
</table>

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

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