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AIRCRAFT SALES

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516-967-8526 | [info@ecsjets.com](mailto:info@ecsjets.com)  
1515 Perimeter Rd, West Palm Beach, FL 33406

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## Embraer Phenom 100E





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Aircraft Description	Range / Payload	1,263
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Range (NBAA 4Pax IFR Reserves 200 NM Alt):  
1,050  
Max Payload: 1,334  
Range: @ Max Payload:  
701  
Payload Full Fuel: 602

**Private Jet Runway Performance (Feet):**  
TO Sea Level ISA: 3,123  
TO Performance 5,000  
Ft @25 Degrees C, Feet:  
6,609  
Landing Distance SL ISA:  
2,466

**Private Jet Speeds:**  
MAX Cruise Speed (HSC) (kts): 389  
Long Range Cruise Speed(LSC) (kts): 332  
Trip Speed For 300NM (min): 55  
Trip Speed For 600NM (min): 106  
Trip Speed For 1000NM (min): 185

**Max Certified Altitude:**

Max Certified Altitude:  
41,000

**Fuel Cost:**

Cost Per Gallon: \$7.05

**Private Jet Fuel Consumption:**

Fuel Consumption, US Gallons Per Hour: 121  
Fuel Burn: 600nm (Per Hour Burn) / GPH: 21

**Specifications:**

Typical Seating: 7

**Cabin Volume (Cubic Feet):**

Total Volume, Cubic Feet: 276  
Flat Floor (Y/N): N

**Operating Costs:**

Variable Costs (Per /Hr):  
Fuel Cost: \$853  
Maintenance Labor: \$301  
Parts: \$298  
Maintenance Programs: \$468  
Misc. Trip Cost: \$933  
Total Variable Cost (Per/ Hr): \$2,552

**Annual Fixed Costs:**

Insurance:  
Liability And Hull: \$27,566  
Maintenance Software: \$63,000  
Misc. Services: \$37,231

Periodic Costs:  
Modernization: \$25,396

Training Costs:  
Flight Crew Training: \$19,003  
Maint. Tech Training: \$4,751

Facilities Costs:

Hangar/Office Lease Expense:  
\$21,323  
Misc Office Expense: \$6,100

Personnel Costs:

Pilots: \$241,190  
Technician: \$66,322  
Contractors: \$25,000  
Total Annual Cost: (Annual Fixed Costs + Variable Costs \* Hours Flown): \$1,047,292



<b>Aircraft Type</b>	Business Jets
<b>Make</b>	Embraer
<b>Model</b>	Phenom 100E