EXCLUSIVE AIRCRAFT SALES
516-967-8526 | info@ecsjets.com
1515 Perimeter Rd, West Palm Beach, FL 33406

Embraer Phenom 100E



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Aircraft Description

Range / Payload:
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 1,263

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 LeaseExpense: $21,323
Misc Office Expense: $6,100

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

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Aircraft Type	Business Jets
Make	Embraer
Model	Phenom 100E