



EXCLUSIVE
JET SALES

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1515 Perimeter Rd, West Palm Beach, FL 33406

Embraer Phenom 100E





Aircraft Description	Range / Payload:	1,263
	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) 1,047,292	
	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	



Aircraft Type	Business Jets
Make	Embraer
Model	Phenom 100E