

Embraer Phenom 100



Aircraft Description	General Info	
	Fleet Size: 397	Overhaul Interval (hours) :3,500
	Engine Count: 2	Overhaul Cost : \$600,000
	Typical Passengers: 5	Mid Life Interval : 1,750
	Model Class: Jet - Very Light	Mid Life Cost : \$150,000
	Up to - Passengers: 6	Typical Avionics Suite :Phenom 100 & 100E: GarminG1000 / Phenom 100EV:
		Garmin 3000
		APU Model : N/A
	Performance	Financial
	Range: 915	Based on 300 hours a year
	Max Cruising	FINANCIAL: ANNUAL FIXEDCOSTS
	Speed: 390	Crew: \$143,000
	Ceiling (feet): 41,000	Hangar: \$28,000
	Take off Distance (feet): 3,190	Hull Insurance: \$5,475
	Landing Distance (feet): 2,448	Liability Insurance:
		Miscellaneous: \$6,300
		Annual Amount: \$182,775
	AIRCRAFT DIMENSION	FINANCIAL: VARIABLEHOURLY COSTS
	Tail height (feet): 14.3	Fuel Consumption (gallonsper hour): 113
	Wing span (feet): 40.4	Fuel Cost (at \$5.00 pergallon): \$565
	Length (feet): 42.1	Maintenance: \$592
	Max Takeoff	Engine Reserves: \$447
	Weight (lbs.):10,472	Miscellaneous: \$101
		Total Cost / Per Hour: \$1,705
	CABIN DIMENSION	FINANCIAL: ANNUALSUMMARY
	Height (feet): 4.9	Based on 300 hours a year
	Width (feet): 5.1	Typical Purchase Price:\$3,650,000
	Length (feet): 11.0	Market Depreciation (%): 8%
	Cabin Zones: 1	Market Depreciation (\$):\$292,000
		Total Fixed Costs: \$182,775
		Total Variable Costs: \$511,500
		Total Cost of Operation:\$986,275
	Current Market	
	Ask Price Min:	
	\$1,800,000	
	Ask Price Max:	
	\$5,500,000	
	Model Year Min:	
	2009	

Aircraft Type	Business Jets
Make	Embraer
Model	Phenom 100

Aircraft Interior Images



Aircraft Cockpit Images

