

NAPLES JET CENTER



2013 Embraer Phenom 100
SN 50000315 | N122CR



Passenger

6



Mach

0.7



Range (NM)

1,178



AIRFRAME

Total Hours: 1,390
Total Landings: 1,290

ENGINES - Pratt & Whitney PW617F-E

Program Coverage: ESP Gold

	Left	Right
Total Hours:	1,390	1,390
Total Cycles:	1,290	1,290

MAINTENANCE

- Fresh 120 Month Inspection and Gear Overhaul
Completed by Aerostar Aviation

AIRCRAFT HIGHLIGHTS

- NXi Upgraded Avionics
- Enrolled on ESP Gold
- 5th Seat and Belted Lav

INTERIOR

- Six (6) Passenger Beige Leather Seating including 5th Seat and Belted Lav, Sheepskin Covered Crew Seats, Rich Dark Woodwork, Dual Mid-Cabin Executive Writing Tables, and Matte Stainless Steel Hardware.

EXTERIOR

- Snow White Base Accented with Dark Blue Detailing.

CONTACT
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AVIONICS

- Garmin G1000 “Prodigy” Avionics Suite with NXi Upgrade
- 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
- ELT with Nav Interface
- Dual RVSM Digital Air Data Computers
- Dual Radio Modules with Dual Digital Audio Control Systems

FEATURES / OPTIONS

- Weather Radar
- 2nd Transponder
- DME
- Enhanced Take-Off Package
- ELT/NAV
- SVS - Synthetic Vision System
- Electronic Jeppesen Charts - Chartview TM
- TCAS I - Traffic Alert and Collision Avoidance System I
- Controller-Pilot-Data-Link Communication (CPDLC) Provisions
- Belted Lav
- 5th Seat
- MZFW
- Lavatory Rigid Door
- Sunshade and Sun visor
- Cockpit Flood lights
- Cockpit Sheepskin covers
- Premium Passenger Door
- Life Vest 8 seat
- Smoke Goggles

MAXIMUM CRUISE SPEED

(35,000 ft / 10,668 m, mid cruise weight)

390 ktas 722 km/hr

NBAA 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

V_{mo}

275 kias 509 km/hr

APPROACH SPEED

MLW, Landing configuration

91 kcas 168 km/hr

PRESSURIZATION

Nominal pressure differential

8.3 psi .58 bar

OUTSIDE DIMENSIONS

Overall length	42 ft 1 in	12.80 m
Overall height	14 ft 3 in	4.40 m
Wingspan	40 ft 4 in	12.30 m

CABIN DIMENSIONS

Length (excluding cockpit)	132 in	3.35 m
Height	59 in	1.50 m
Width	61 in	1.55 m

ENGINES

Two (2) Pratt & Whitney PW617F1-E

Takeoff thrust	1,730 lb	7.54 kN
Bypass Ratio	258.1	

DESIGN WEIGHTS AND CAPACITIES

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

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

**Amount of payload and fuel that can be carried based on ramp weight

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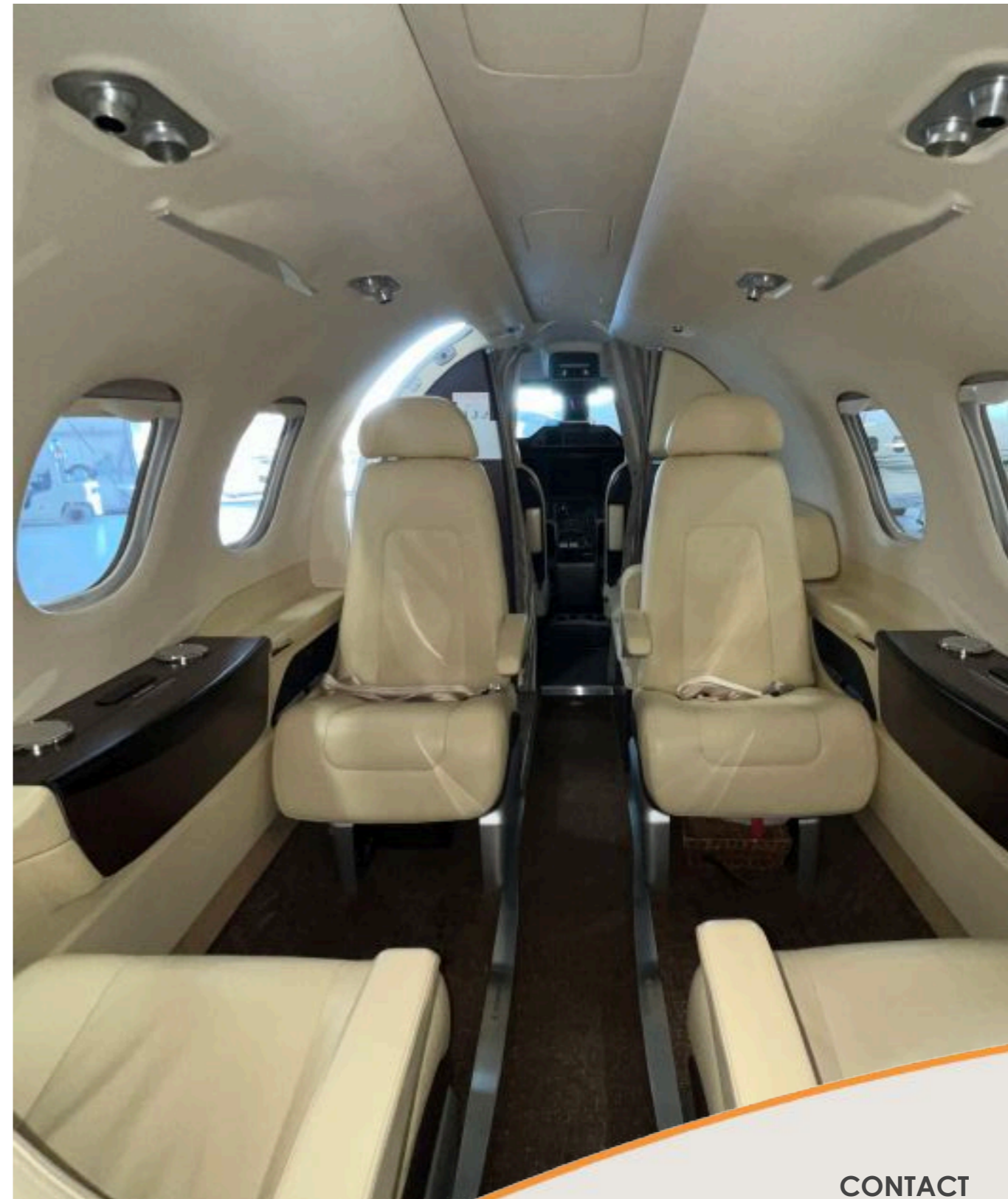


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