

SOLJETS



2010 Embraer Phenom 100

SN 50000203 | N390SJ



Passenger

4



Mach

0.7



Range (NM)

1,178

AIRFRAME

Program Coverage:	EEC Standard
Total Hours:	1,813
Total Landings:	1,689

ENGINES – Pratt & Whitney PW617F-E

Program Coverage:	ESP Platinum	
	Left	Right
Serial Number:	PCE-LC0390	PCE-LC0391
Total Hours:	1,813	1,813
Total Cycles:	1,528	1,528

MAINTENANCE

- CAMP Maintenance Tracking
- Bluetail Digital Maintenance Records
- Hot Section Inspection Completed August 2025
- 12, 24, and 60 Month Inspections Completed August 2025

AIRCRAFT HIGHLIGHTS

- NXi Upgraded Avionics
- TCAS II
- Enhanced Take-off Package
- Enrolled on ESP Platinum and EEC Standard

INTERIOR

- 2025 Interior Completed by AeroStar Aviation.
- Four (4) Passenger Center Club Seating Completed in Aeresto Aeronappa Gravity Leather with Bosanova Stitch Quilted Inserts Accented with Dark Grey Cabinetry, Grey Sidewalls, and Redrock Sandstone with Danbury Accented Carpet.

EXTERIOR

- 2025 Re-Paint Completed by Aerosmith Aviation.
- Overall White with Stone Grey and Solid Black 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

- Enhanced Take-Off Package
- Garmin GSR 56 World Wide Voice/Text/Weather Connectivity
- Honeywell KN 63 DME
- Garmin GWX 68 Weather Radar
- Electronic Checklist
- Radio Altimeter
- SAT Phone with Worldwide Weather
- Synthetic Vision
- TCAS II
- Jeppesen ChartView
- In Flight Entertainment Package
- Sunshade and Sun Visor
- Life Vest
- Crew Portable Breathing Equipment
- Smoke Goggles
- Premium Passenger Door

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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

Vmo 275 kias 509 km/hr

APPROACH SPEED

MLW, Landing configuration 91 kcas 168 km/hr

PRESSURIZATION

Nominal pressure differential 8.3 psi .58 bar

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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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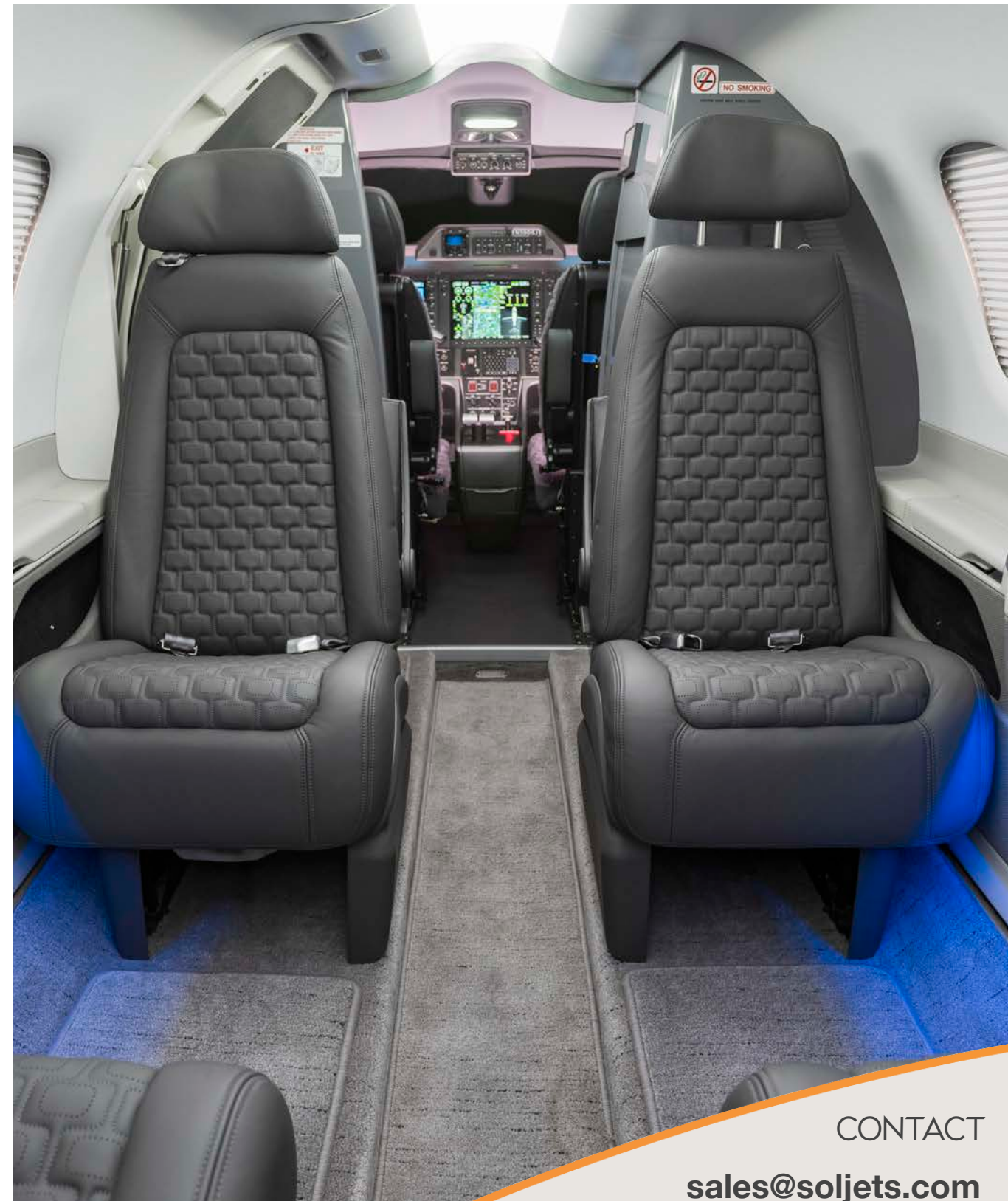
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