

SOLJETS



2010 Embraer Phenom 100

SN 50000159 | N367ER



Passenger

4



Mach

0.7



Range (NM)

1,178

AIRFRAME

Program Coverage: EEC Standard

Total Hours: 1,906

Total Landings: 1,439

ENGINES - Pratt & Whitney PW617F-E

Program Coverage: JSSI Complete

| | Left | Right |
|----------------|------------|------------|
| Serial Number: | PCE-LC0321 | PCE-LC0323 |
| Total Hours: | 1,906 | 1,906 |
| Total Cycles: | 1,439 | 1,439 |

MAINTENANCE

- CAMP Maintenance Tracking
- 120M Inspection Completed July 2020

AIRCRAFT HIGHLIGHTS

- TCAS I
- Enhanced Takeoff Package
- Enrolled on JSSI Complete and EEC Standard

INTERIOR

- Four (4) Passenger Club Seating All Completed in Light Beige Leather with Dark Wood Accents

EXTERIOR

- Overall White with Dragon Red and Manhattan Grey Accent Stripes

CONTACT

sales@soljets.com

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AVIONICS

- Garmin G1000 Prodigy Avionics Suite
- Three (3) 12-Inch Garmin Displays
- Garmin GFC-700 Automatic Flight Control System
- Dual AHRS
- Dual RVSM Compliant Digital Air Data Computers
- Dual Radio Modules
- Dual Digital Audio Control Systems
- Engine Indication and Crew Alerting System with Centralized Maintenance Computer like Functionality
- Class-B Terrain Awareness and Warning System (TAWS)
- Satellite Weather Datalink
- XM Satellite Radio

FEATURES / OPTIONS

- Garmin GWX 68 Weather Radar
- Garmin GTX 33DES Mode S Transponder (ADS-B Out Compliant)
- 2nd Mode S Transponder (ADS-B Out Compliant)
- DME
- ELT/NAV
- ChartView Jepp Charts
- TCAS I
- Enhanced Takeoff Package
- Cockpit Flood Lights
- Sunshade and Sun Visor
- Life Vest
- Crew Protective Breathing Equipment
- Smoke Goggles

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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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