

SOLJETS



2012 Embraer Phenom 300

SN 50500098 | N204WC



Passenger

8



Mach

0.78



Range (NM)

1,971

AIRFRAME

Program Coverage: EEC Standard

Total Hours: 3,063

Total Landings: 2,826

ENGINES - Pratt & Whitney PW535E

Program Coverage: JSSI Essential LLC

	Left	Right
Serial Number:	PCE-DG0190	PCE-DG0194
Total Hours:	3,063	3,063
Total Cycles:	2,826	2,826

MAINTENANCE

- 120 Month and Gear Overhaul Completed July 2022
- 144 Month Inspection Completed April 2024
- VeryOn Maintenance Tracking

AIRCRAFT HIGHLIGHTS

- NXi Upgraded Avionics
- ATG-4000 WiFi
- Enrolled on JSSI Essential LLC and EEC Standard

INTERIOR

- Eight (8) Passenger Configuration including Optional Forward Seventh (7th) and Belted Lavatory All Completed in Grey with Blue Detailing Leather.
- 2024 Interior Refresh by AeroStar Aviation.

EXTERIOR

- Overall Snow White with Kobolt Blue and Summer Blue Accents.

CONTACT

sales@soljets.com

+1.847.920.7000

AVIONICS

- Embraer Prodigy Flight Deck Based on Garmin's G1000 Avionics System with NXi Upgrade
- Three Active Matrix Liquid Crystal Displays
- Integrated Electronic Standby Instrument (IESI)
- Weather Radar
- Crew Alerting System (CAS)
- GPS-WAAS
- Flight Management System (FMS) with Required Navigation Performance
- Vertical Navigation (VNAV)
- Satellite Weather and Radio Receiver
- Dual Flight Director (FD)
- 3 Axis CAT I Automatic Flight Control System (AFCS)
- Central Maintenance Computer (CMC) with engine health monitoring capability
- Cockpit Voice & Data Recorder (CVDR)
- ADS-B Out

FEATURES / OPTIONS

- ATG-4000 WiFi
- DME
- ADF
- TCAS-II
- Dual Transponders
- Radio Altimeter
- ELT NAV
- Electronic Charts
- FDR
- TAWS Class A
- Electronic Checklist
- SVS
- Belted Toilet
- Cockpit Seats Sheepskin Cover
- Cockpit Flood Lights
- Sunshade / Sun visor
- Premium Passenger Door
- Life Vests
- Crew Portable Breathing Equipment
- Smoke Goggle
- 77cu.ft. Oxygen Bottle

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MAXIMUM CRUISE SPEED

(mid cruise weight)

453 ktas 839 km/hr

NBAA IFR RANGE

(100 nm Alternate)

Full fuel, MTOW, and Max Cruise

1,971 nm 3,650 km

AIRPORT PERFORMANCE

(Dry, Level, Hard, Zero Wind)

Takeoff distance (SL, ISA, MTOW)

3,138 ft 956 m

Landing distance (SL, ISA, MTOW)

2,621 ft 799 m

CEILING

Maximum certified

45,000 ft 13,716 m

RATES OF CLIMB

All engines

4,050 ft/min 1,234 m/min

Single engine

1,026 ft/mi 313 m/m

AIRSPEED LIMITS

Vmo from Seal Level to 29,123

320 kias 593 km/hr

Mmo at 29,123' (8,877 m) and above

M.78 (indicated)

PRESSURIZATION

Nominal pressure differential

9.4 psi 64.8 kPa

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OUTSIDE DIMENSIONS

Overall length	51 ft 4 in	15.64 m
Overall height	16 ft 9 in	5.10 m
Wingspan	52 ft 2 in	15.91 m

CABIN DIMENSIONS

Length (excluding cockpit)	17 ft 2 in	5.23 m
Height	4 ft 11 in	1.50 m
Width	5 ft 1 in	1.55 m

ENGINES

Two (2) Pratt & Whitney PW535E

Takeoff thrust	3,360 lb	10.68 kN
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DESIGN WEIGHTS AND CAPACITIES

Max ramp weight	18,078 lb	8,200 kg
Max takeoff weight	17,968 lb	8,150 kg
Max landing weight	16,865 lb	7,650 kg
Max zero fuel weight	13,999 lb	6,350 kg
Max fuel capacity (6.7 lb / gal)	5,353 lb	2,428 kg
Typical empty weight*	11,500 lb	5,216 kg
Useful Load**	6,495 lb	2,946 kg
Payload with full fuel	1,142 lb	518 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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