

SOLJETS



2014 Embraer Phenom 300

SN 50500251 | N500EC



Passenger

8



Mach

0.78



Range (NM)

1,971

AIRFRAME

Total Hours: 1,913
Total Landings: 1,385

ENGINES - Pratt & Whitney PW535E

Program Coverage: JSSI Essential LLC

	Left	Right
Serial Number:	PCE-DG0473	PCE-DG0477
Total Hours:	1,913	1,913
Total Cycles:	1,385	1,385

AIRCRAFT HIGHLIGHTS

- Gogo Biz AVANCE L3 Wi-Fi
- FlightDocs Maintenance Tracking
- Enrolled on JSSI Essential LLC

INTERIOR

- Eight (8) Passenger Configuration including Belted Lavatory and Optional Forward Seventh (7th) Seat All Completed in Light Beige Leather and Accented with Natural Wood Veneer with High Gloss Finishing.

EXTERIOR

- Overall Flag Blue and Gray with Gold, White, and Gray Accents.

CONTACT

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STANDARD AVIONICS

- Embraer Prodigy Flight Deck Based on Garmin's G3000 Avionics System
- Three 14 inches Active Matrix Liquid Crystal Displays (AMLCD) and Two 5.7 inches Infrared Touch Screen Controllers for data input Integrated Electronic Standby Instrument (IESI)
- Weather Radar
- Crew Alerting System (CAS)
- Aural Warning
- VHF Communication (COM)
- Airborne Audio System
- Flight Management System (FMS) including Required Navigation Performance (RNP)
- Satellite Weather and Radio Receiver
- Central Maintenance Computer (CMC)
- Cockpit Voice & Data Recorder (CVDR)
- SVS – Synthetic Vision System
- Emergency Locator Transmitter (ELT)

FEATURES / OPTIONS

- Gogo Biz AVANCE L3 Wi-Fi
- TCAS II
- MTOW and MZFW Increase
- Single Point Refueling
- Honeywell KN 63 DME
- ADF
- Rockwell Collins KRA-405B Radar Altimeter
- Mode S Transponder
- Provisions for CPDLC
- TAWS
- Ice Detector
- Lavatory Sink and Rigid Lav Door
- Hot Jug
- In-Flight Phone and Datalink
- In-Flight Entertainment and Moving Maps
- Heads Up Single Channel XM Receiver
- Cockpit Flood Lights
- Cockpit Seats Sheepskin Covers
- Sunshade/Sunvisor
- Premium Passenger Door
- Upgraded LH Refreshment Center
- Life Vests (For 10 Seats)
- Crew Portable Breather Equipment
- Smoke Goggles

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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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STANDARD 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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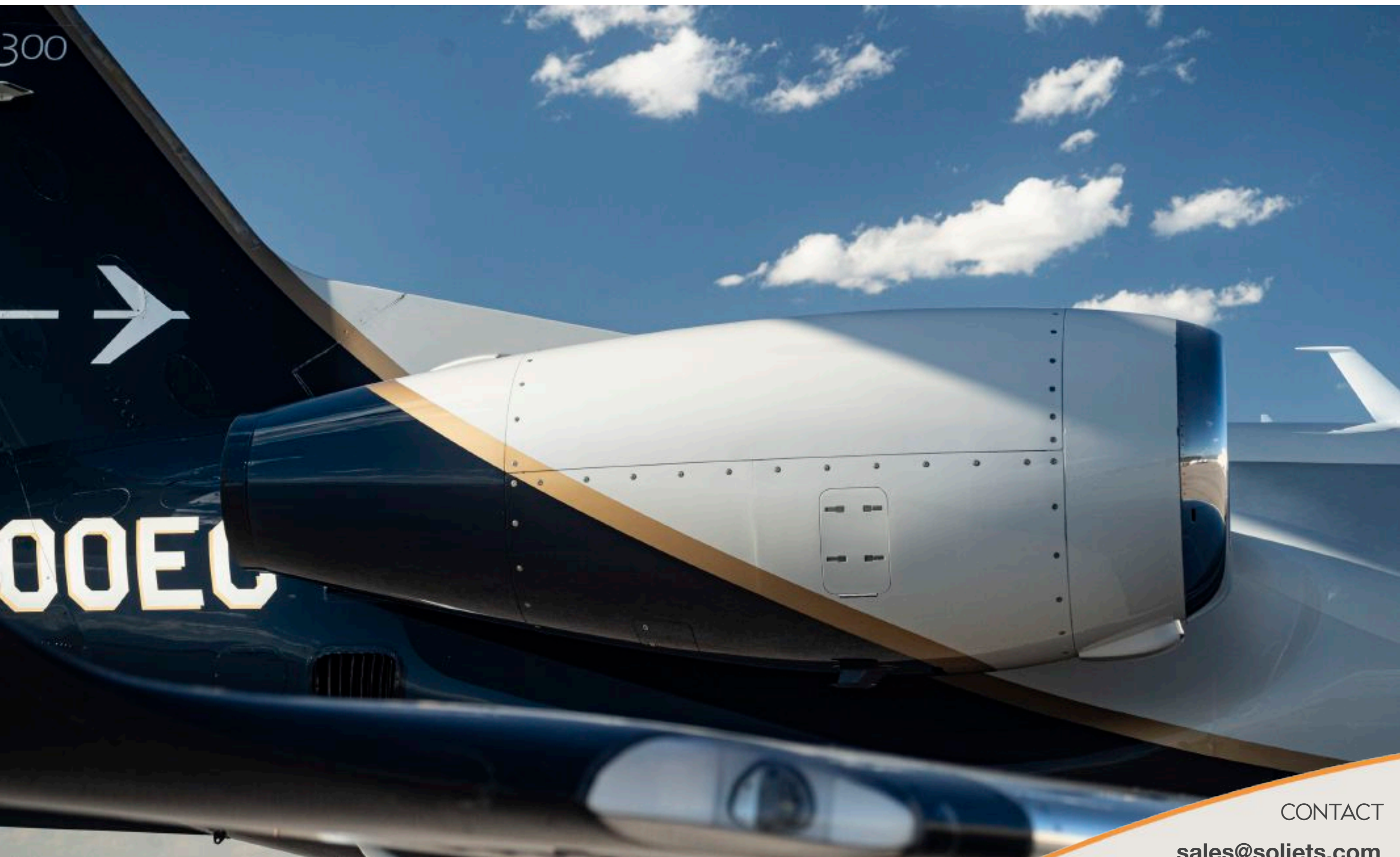
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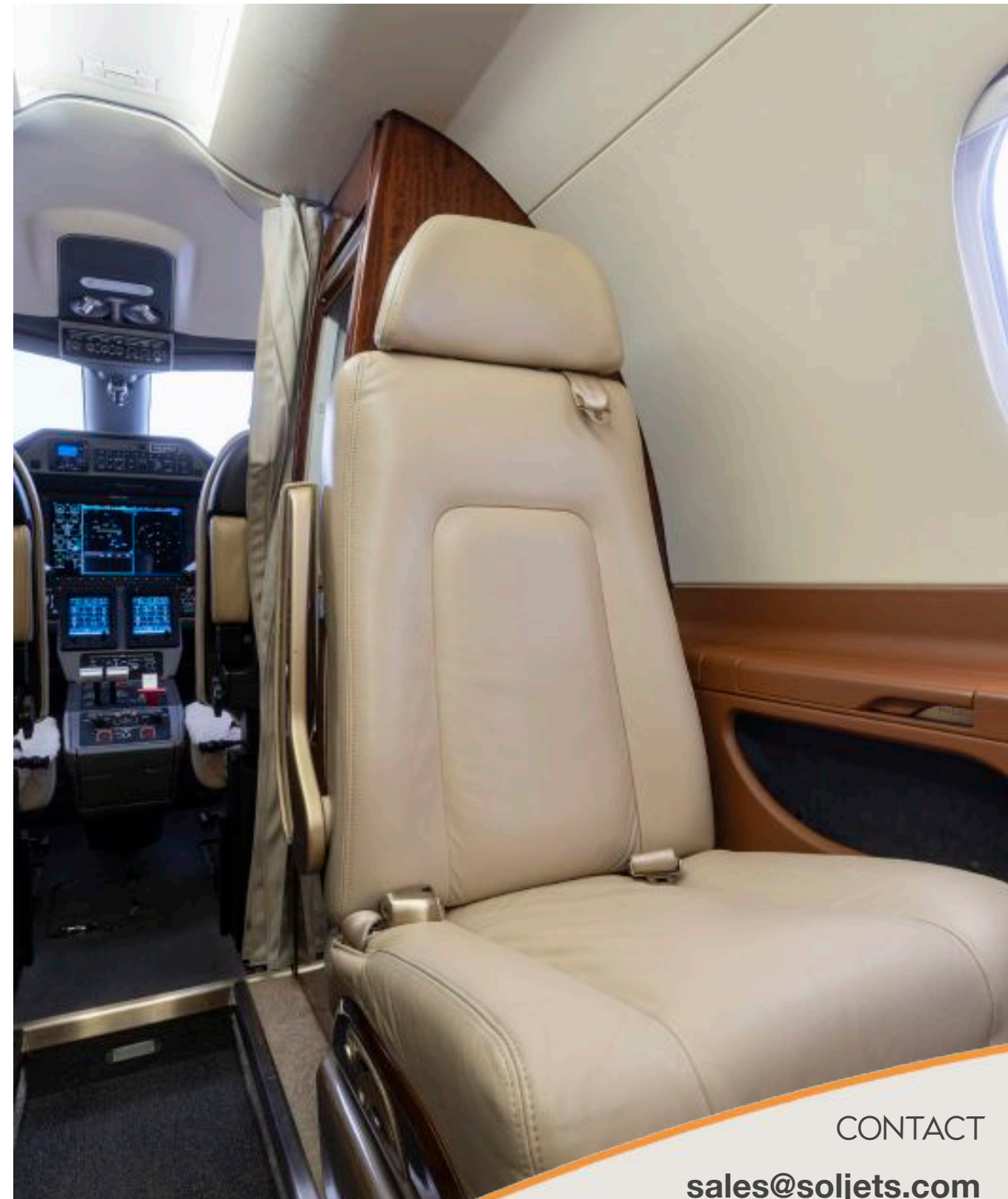
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