

2011 Embraer Phenom 300

SN 50500057
N924LG



SOLJETS



Passenger
7



Mach
0.78



Range (NM)
1,971

AIRCRAFT LISTING DETAILS:

Total Hours: 3023

ENGINES: Pratt & Whitney PW535E

	<u>Left</u>	<u>Right</u> PCE-
Serial Number:	PCE-DG0104	DG0107
Total Hours:	3023	3023
Engine Cycles:	2009	2009
TBO:	5000	5000

AIRCRAFT HIGHLIGHTS:

- 2019 Paint and Interior
- NXi Upgraded Avionics
- Enrolled on ESP Gold and EEC Standard

MAINTENANCE:

- New Main Landing Gear
- Overhauled Nose Gear
- 120 Month Completed in October 2021
- Engines Hot Sections Completed at 2500 Hours by Dallas Airmotive
- Both Combustion Liners Replaced

AVIONICS:

- Embraer Prodigy Flight Deck Based on Garmin's G1000 Avionics System with NXi Upgrade
- Synthetic Vision
- Garmin GFC-700 AFCS
- Dual AHRS
- Dual RVSM Compliant Digital Air Data Computers
- Central Maintenance Computer Functionality
- XM Weather/XM Radio
- TCAS II
- TAWS-A
- DME
- ADF
- Radio Altimeter
- Jeppesen ChartView Electronic Approach Charts
- Triple Garmin WXGA GDU 12" PFDs/MFD
- Dual Goodrich Smart Probe Air Data Systems
- Cockpit Voice/Flight Data Recorder
- ELT 406 MHz



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FEATURES / OPTIONS:

- ADS-B Out
- Flightstream 510
- Two B/E Aerospace Smoke Goggles
- ATG-4000 Gogo Wifi
- Six Two Slot USB Outlets
- Satellite Phone
- In-Flight Entertainment Package with Drop Down 10.4" Video Screen and Moving Map
- Permaguard
- Alto Stereo System

INTERIOR:

- 2019 Interior Refurbishment Completed by Corrigan Air Center. Seven (7) Passenger Configuration Including Optional Seventh (7th) Seat All Completed in Navy Leather with Grey Quilted Inserts Accented with Red Details with Piano Black Cabinetry.

EXTERIOR:

- 2019 Re-Paint Completed by Corrigan Air Center. Overall Snow White with Black and Metallic Silver Accent Stripes



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MAXIMUM CRUISE SPEED

(mid cruise weight)	453 ktas	839 km/hr
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NBAA IFR RANGE (100 nm Alternate)

Full fuel, MTOW, and Max Cruise	1,971 nm	3,650 km
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AIRPORT PERFORMANCE (Dry, Level, Hard, Zero Wind)

Takeoff distance (SL, ISA, MTOW)	3,138 ft	956 m
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Landing distance (SL, ISA, MTOW)	2,621 ft	799 m
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CEILING

Maximum certified	45,000 ft	13,716 m
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RATES OF CLIMB

All engines	4,050 ft/min	1,234 m/min
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Single engine	1,026 ft/mi	313 m/m
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AIRPEED LIMITS

Vmo from Seal Level to 29,123	320 kias	593 km/hr
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Mmo at 29,123' (8,877 m) and above	M .78	(indicated)
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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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