

2012 Embraer Phenom 300

SN 50500078
N926JS



SOLJETS



Passenger
7



Mach
0.78



Range (NM)
1,971

AIRCRAFT LISTING DETAILS:

Total Hours: 1510

ENGINES: Pratt & Whitney PW535E

	<u>Left</u>	<u>Right</u>
Serial Number:	PCE-DG0158	PCE-DG0159
Total Hours:	1510	1510
Engine Cycles:	945	945
TBO:	5000	5000

AIRCRAFT HIGHLIGHTS:

- 7th Seat
- L3 Wifi
- Enrolled on JSSI Essential LLC and EEC Standard

STANDARD AVIONICS:

- Embraer Prodigy Flight Deck Based on Garmin's G1000 Avionics System
- Garmin GFC-700 Automatic Flight Control System
- VNAV- Vertical Navigation
- Three 12.4" Garmin AMCLD Displays
- Dual RVSM Compliant Digital Air Data Computers
- Dual Radio Modules
- Dual Digital Audio Control Systems
- Integrated Electronic Standby Instrument (IESI)
- Garmin GWX-68 Weather Radar
- Satellite Weather Datalink
- XM Satellite Radio
- FDR
- Engine Indication and Crew Alerting System
- Central Maintenance Computer
- Cockpit Voice & Data Recorder (CVDR)
- TAWS Class B



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FEATURES / OPTIONS:

- DME
- ADF
- TCAS II
- Dual Mode S Transponder
- Radio Altimeter
- Ice Detector
- HF and SELCAL
- Synthetic Vision
- Jeppesen Electric Charts
- Electric Checklist
- 7th Seat
- Lavatory Sink
- Hot Jug
- Inflight Entertainment
- Cockpit Seats Sheepskin Cover
- Cockpit Flood Lights
- Sunshade/Sun Visor
- L3 Wifi

FEATURES / OPTIONS (cont):

- Premium Passenger Door
- Crew Portable Breathing Equipment
- Smoke Goggles
- Heating System for Baggage Compartment

INTERIOR:

- 2020 Interior Refurbishment. Seven (7) Passenger Configuration Including Optional Seventh (7th) Seat All Completed in Light Beige Quilted Leather.

EXTERIOR:

- 2020 Paint Touchup. Overall Snow White with Navy 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
Landing distance (SL, ISA, MTOW)	2,621 ft	799 m

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
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

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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