

SOLJETS



2020 Embraer Phenom 300E

SN 50500559 | N303TG

Passenger: 9



Mach: 0.78




Range (NM): 1,971

Overview

★ Aircraft Highlights

- Design Weight Increase
- Divan and Belted Lav
- Enrolled ESP Gold and EEC Standard

 **Airframe** Total Hours: 1,241 Total Landings: 574

Program Coverage: EEC Standard

 **Engines** Pratt & Whitney PW535E

Engine 1: PCE-DG1117 Total Hours: 1,241 Cycles: 574

Engine 2: PCE-DG1116 Total Hours: 1,241 Cycles: 574

Program Coverage: ESP Gold

Interior

- Nine (9) Passenger Leather Seating including Four Club Seats, Two Single Forward Facing Seats, Two (2) Place Forward Divan, and Belted Lavatory Accented with Grey Details and Dark Wood.

Exterior


- Overall White with Green Accents.

Maintenance

- CAMP Maintenance Tracking

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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)
- Electronic Document Viewer
- Weather Radar
- Crew Alerting System (CAS)
- Aural Warning
- VHF Communication (COM)
- Airborne Audio System
- Transponder Functions Including Traffic Information System (TIS)

Standard Avionics (continued)

- VOR/ILS Navigation (NAV)
- Satellite based positioning navigation (GPS-WAAS1)
- Flight Management System (FMS) including Required Navigation Performance (RNP)
- Vertical Navigation (VNAV)
- Satellite Weather and Radio Receiver
- Display of terrain information, including Terrain Awareness and Warning System
- Moving map for situational awareness
- Dual Flight Director (FD)
- 3 Axis CAT I Automatic Flight Control System (AFCS)
- Yaw Damper through Rudder and Ventral Rudder

Features/Options

- DME
- TCAS II 7.1
- Dual Mode S Transponder – ADS-B Out with Diversity
- Radio Altimeter
- Ice Detector System
- HF and SELCAL
- ELT/NAV with Positioning Report
- Provisions for FDR
- TAWS Class A
- Package 1 (Left Hand Side Refreshment Center and Side Facing Divan)
- Belted Lavatory
- Hot Jug
- In-Flight Phone and Datalink

Features/Options (continued)

- Premium Cabin Management System
- Premium Seats – Six (6) Seats
- Additional Power Outlets
- Cockpit Seats Sheepskin Cover
- Cockpit Flood Lights
- Sunshade/Sun Visor
- Premium Passenger Door
- Life Vests – Eleven (11) Seats
- Crew Portable Breathing Equipment (PBE)
- Smoke Goggles
- 77 cu ft Oxygen Bottle
- Design Weight Increase

Maximum Cruise Speed

(Mid cruise weight)	453 ktas	839 km/hr
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Pressurization

Nominal pressure differential	9.4 psi	64.8 kPa
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Airspeed Limits

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

(100nm Alternative)

Full fuel, MTOW, and Max Cruise	1,971 nm	3,650 km
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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/min	313 m/min
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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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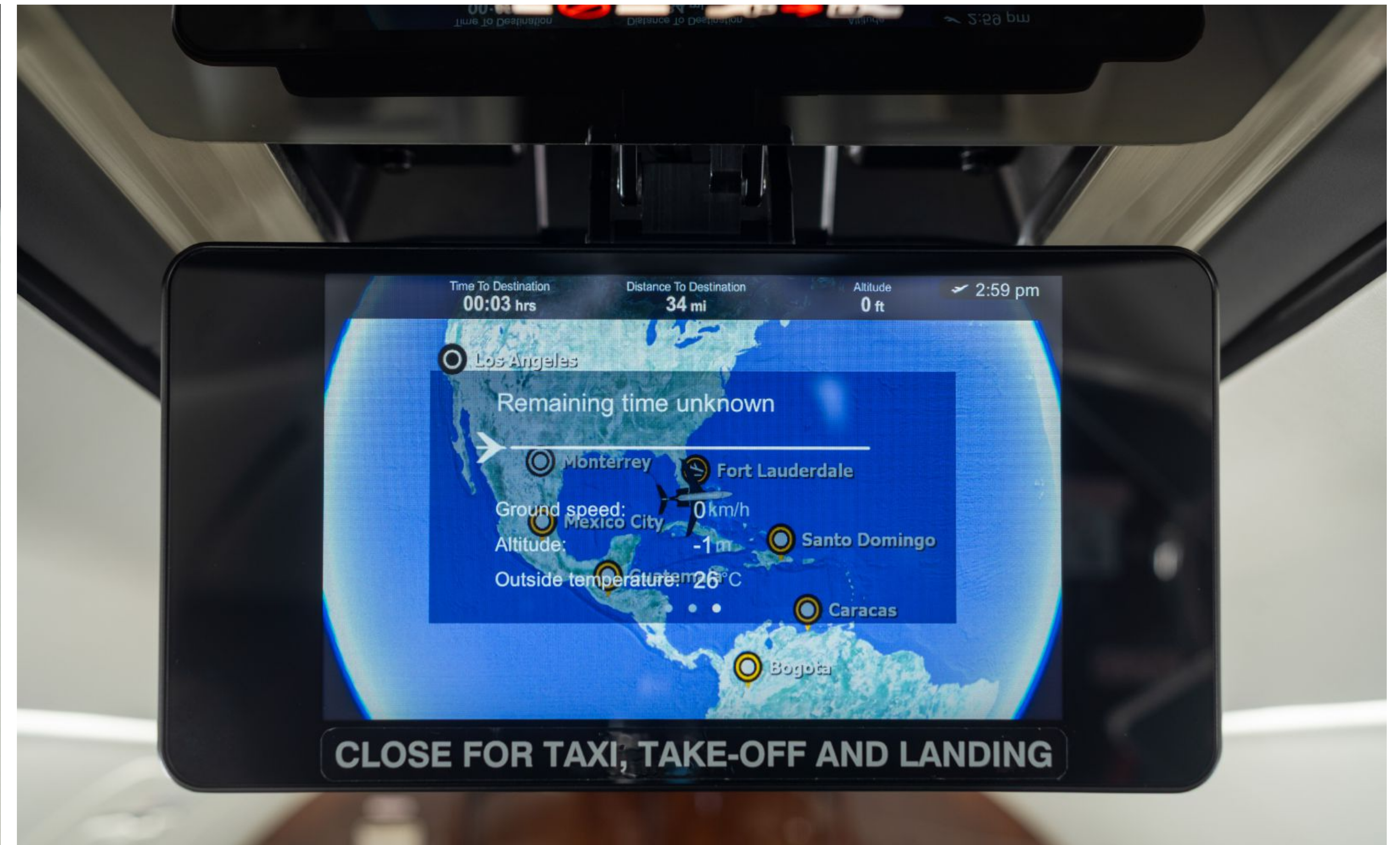


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