SOLJETS

2019 Embraer Phenom 300E

SN 50500512 | N713LV

Passenger	Mach	Range (NM)
9	0.78	1,971

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AIRFRAME

Program Coverage:	EEC Standard
Total Hours:	1,056
Total Landings:	647

ENGINES - Pratt & Whitney PW535E

Program Coverage:	ESP Silver	
	Left	Right
Serial Number:	PCE-DG1023	PCE-DG1022
Total Hours:	1,056	1,056
Total Landings:	647	647

AIRCRAFT HIGHLIGHTS

- GoGo Avance L3 WiFi
- Divan and Belted Lav
- Enrolled on ESP Silver and EEC Standard

INTERIOR

- Nine (9) Passenger Executive Interior Completed in Black Leather Diamond Inserts including Optional Divan Seat, Belted Lav, and Forward Refreshment Center.

EXTERIOR

- Embraer Brand Paint Scheme.

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

- GoGo Avance L3 WiFi
- DME - Distance Measuring Equipment
- ADF - Automatic Direction Finder
- TCAS II 7.1 - Traffic Collision Avoidance System II 7.1
- Exchange for Mode S / ADS-B Out Transponder
- Radio Altimeter
- Ice Detector
- Provisions for FDR
- Provisions for CPDLC - Controller-to-Pilot Data Link Communication
- Package 1 (Refreshment Center + Side Facing Divan)
- Belted Toilet
- Lavatory Sink
- Hot Jug
- In-Flight Phone and Datalink
- Premium Cabin Management System
- Cockpit Sheepskin Covers
- Cockpit Flood Lights
- Sunshade / Sun visor
- Premium Seat
- Mirror
- Additional Power Outlets

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FEATURES / OPTIONS (continued)

- Customized Seat Inserts
- Premium Passenger Door
- Life Vests - (for 11 seats)
- Crew Portable Breathing Equipment (PBE)
- Smoke Goggles
- 77 cu. ft. Oxygen Bottle
- Design Weight Increase

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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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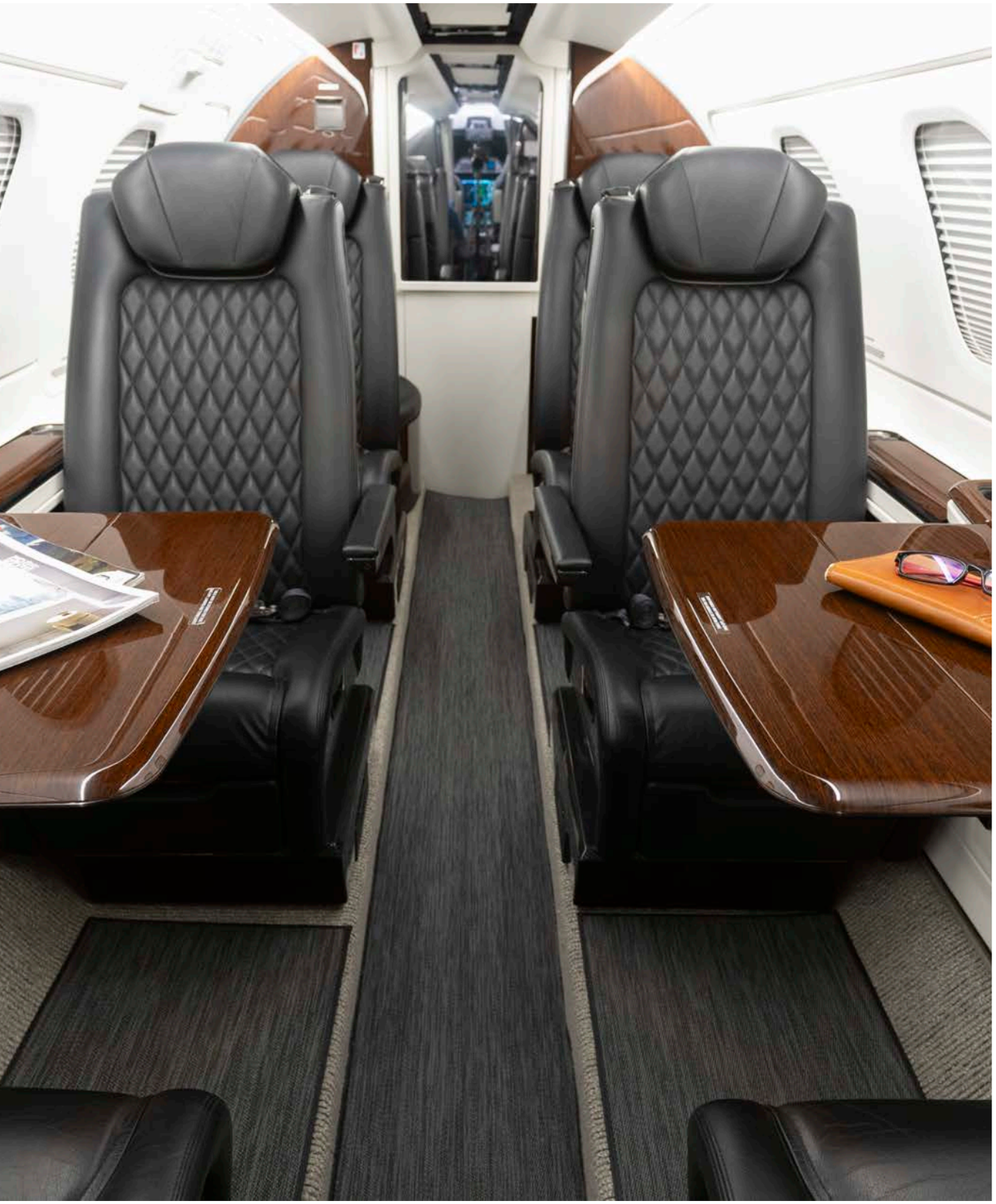

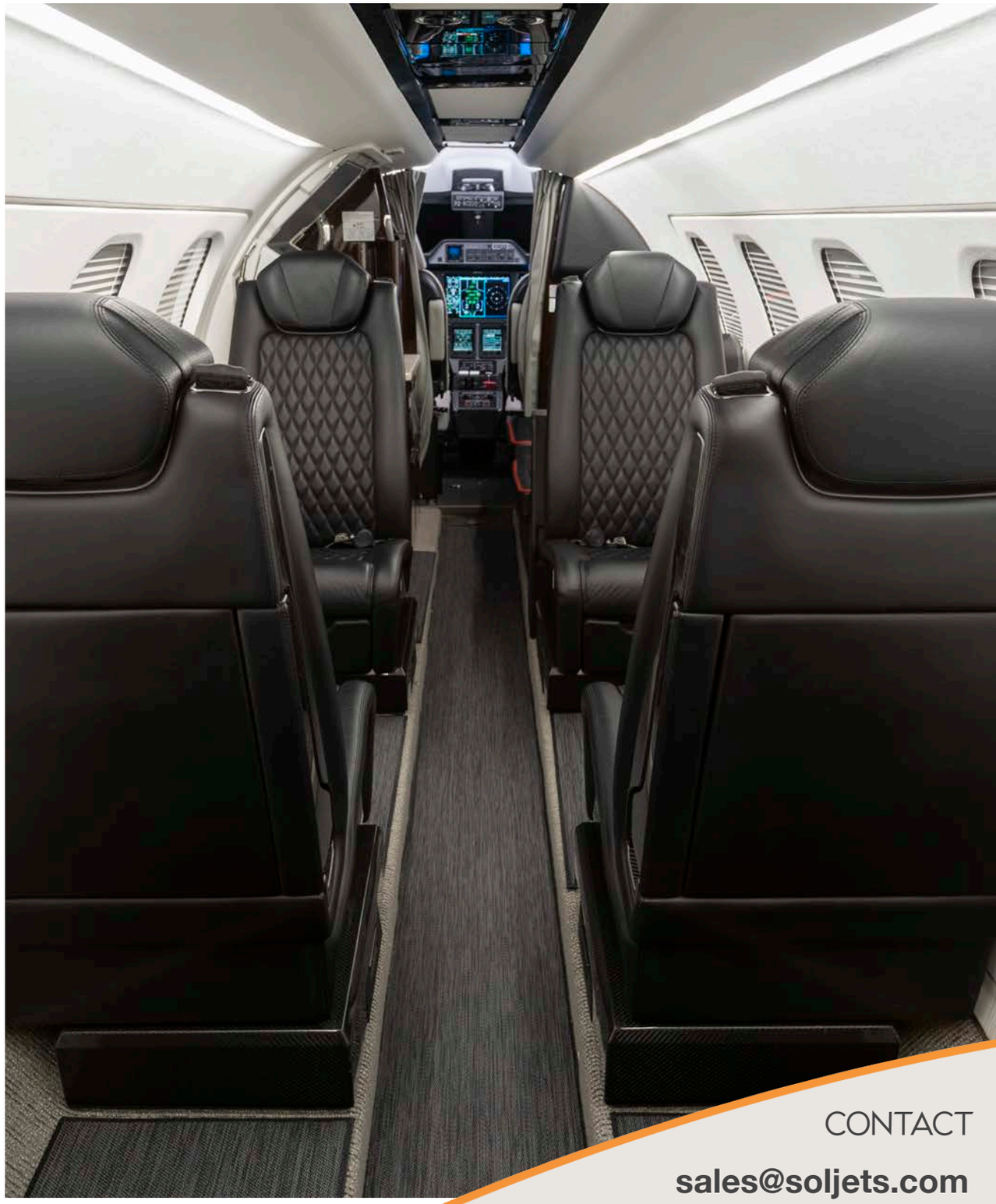

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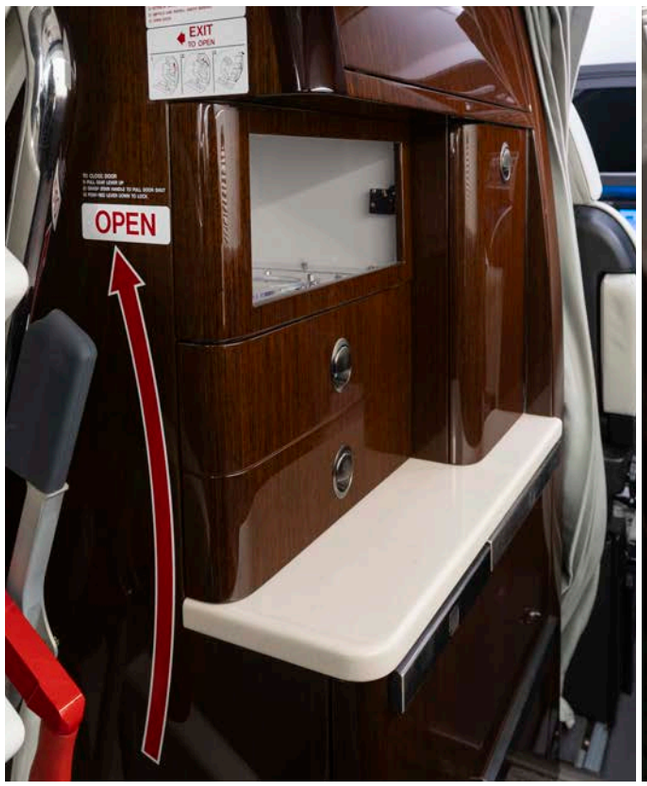

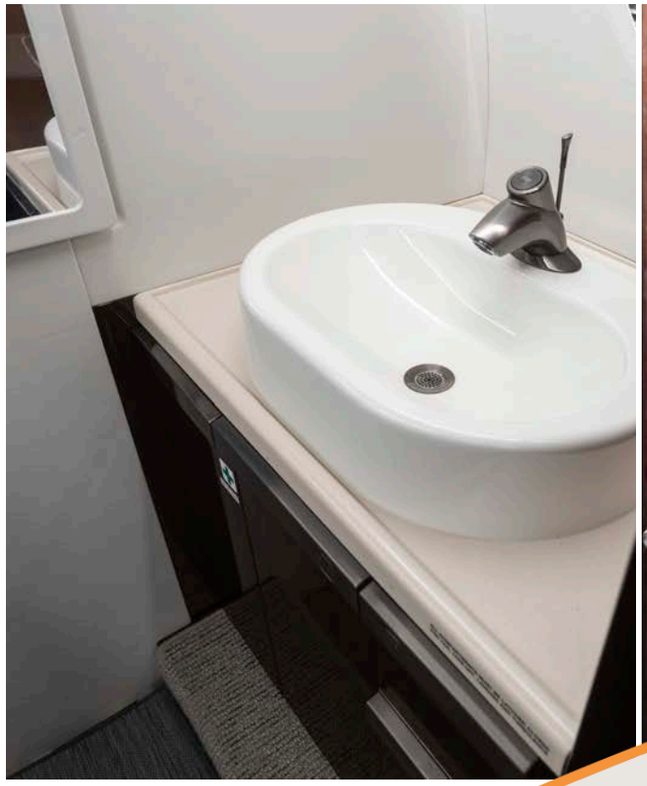

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