

Factory New 2022 Phenom 300E – SN 50500712



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2022 Factory New Phenom 300E

- Best selling light jet for 10 consecutive years. Among many other things, this new 300E features:
 - ✓ Upgraded PW535E1 engines, with thrust increased to 3,478 lbf;
 - ✓ Maximum speed has increased to Mach 0.80 from 0.78 (464 vs. 446 kn), and
 - ✓ Range increased to 2,010 nm.
 - ✓ Avionics improvements including; predictive wind shear awareness, stabilized approach, and an Embraer-developed runway overrun awareness and alerting system (ROAAS), FAA Data Com system allows the pilots to exchange pre-formatted text messages with the ATC controller, and many more.
 - ✓ See Option List for complete configuration.
- Interior – Custom Excalibur 9 passenger Interior, Layout as illustrated in renderings
- Exterior – Solid Matterhorn White as illustrated in renderings
- Full Factory Warranties and Training
- *December 2022 Delivery - Eligible for 100% Bonus Depreciation*

Note: Aircraft subject to prior sale or withdrawal from market. Specifications, times, and prices are subject to change. Some of these descriptions and data are borrowed from Manufacturer's Specifications and provided for illustration purposes. Buyer responsible to confirm specifications and information for themselves. 221610

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Factory Configuration Plus the Following Options

- DME
- ADF
- TCAS II 7.1 -Traffic Collision Avoidance System II 7.1
- Transponder w/ Diversity- TCAS II Compliant
- Radio Altimeter
- Ice Detector System
- ELT NAV
- Provisions for FDR- Flight Data Recorder (CAT.IDE.A.190)
- TAWS CLASS A
- FAADATACOMM
- Runway Overrun Awareness and Alerting System (ROAAS)
- Package 1 (Left Side Refreshment Center plus Side Facing Divan)
- Belted Toilet
- Lavatory Sink
- Hot Jug
- In-Flight Phone and Datalink
- Premium Cabin Management System
- Gogo Avance L5
- Premium Seat (6 PAX)
- Mirror
- Additional Power Outlets
- Cockpit Seats Sheepskin Cover
- Cockpit Flood Lights
- Sunshade / Sun visor
- Customized Seat Insert
- Cabin Throw Rugs
- Premium Passenger Door
- Life Vest
- Crew Portable Breathing Equipment (PBE)
- Smoke Goggles
- 77cu.ft. Oxygen Bottle
- Towbar Head

Interior – Custom Excalibur Interior as illustrated in renderings

9 Passenger (6 Cabin Seats, 2 Place Divan, Belted LAV)

Exterior – Solid Matterhorn White as illustrated in renderings

- Full Factory Warranties and Training
- EEC Standard & ESP Gold Lite Programs
- Eligible for 100% Bonus Depreciation in Tax Year 2022



Illustration may not be 100% accurate representation of true colors



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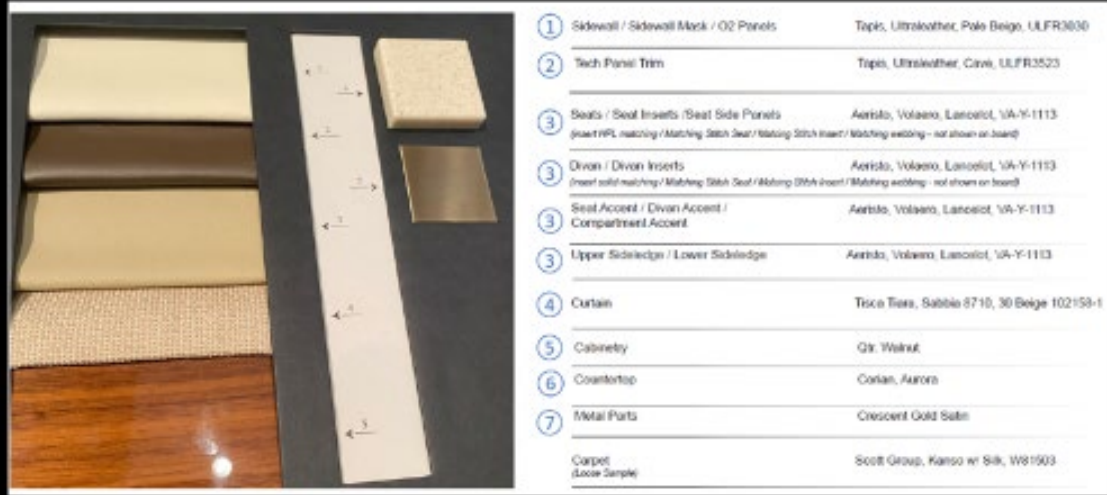
Two Place Divan



Belted Lav
with Sink Cabinet & Mirror

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Sample Board for illustration only - these rendering may not represent the true colors



Cabin Layout — Illustration Is Not Actual Interior Color



9 Passenger Cabin Layout

2 Place Divan, 6 Premium Seats, Belted Lav,
with Refreshment Center.

(Illustration is Not Actual Interior Color)



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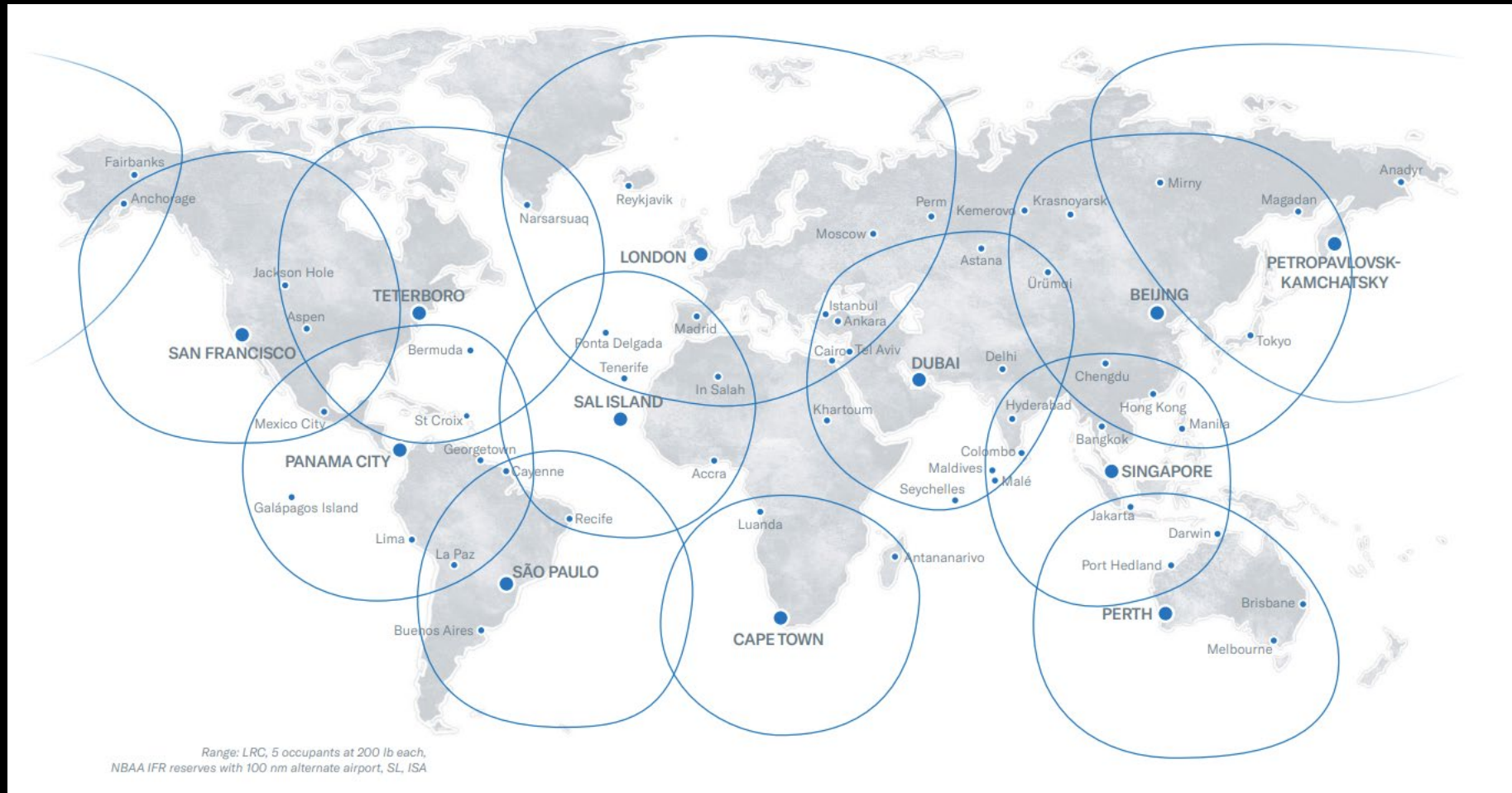
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Potential Range Rings



PHENOM^{300E} BY EMBRAER

SEATING CONFIGURATION

occupants: 8/11

PERFORMANCE:

Range (5 occupants, NBAA reserves): 2,010 nm
High-speed cruise: 464 kts
 M_{max} : M 0.80
Max. operating altitude: 45,000 ft
Takeoff field length (MTOW, SL, ISA): 3,209 ft

ENGINES:

Pratt & Whitney - PW535E1 / 3,478 lb_t

AVIONICS:

Prodigy Touch Flight Deck (G3000)

CABIN HIGHLIGHTS:

More leg and head space with Oval Lite[®] cross section cabin design
Largest windows and refreshment center in class

Choice of multiple cabin configurations
Generous baggage compartment
Airstair with handrail and optional step lighting
In-flight entertainment system (IFE) that's compatible with portable electronic devices

TECHNOLOGY HIGHLIGHTS:

Clean-sheet design
Single-pilot operation
Externally serviced lavatory
Airline-like single-point refueling
Synthetic vision system
Synoptic views for main aircraft systems

Runway overrun awareness and alerting system
Central maintenance computer
LED lighting
Brake-by-wire with antiskid
35,000-hour economic life
Low operating cost
Steep-approach capability



Performance

NORMAL CRUISE:
430 kts

LONG-RANGE CRUISE:
384 kts

MAXIMUM CRUISE:
443 kts

RATE OF CLIMB:
3,851 ft/min

MAX CERT. ALTITUDE:
45,000 ft

INITIAL CRUISE ALTITUDE:
43,000 ft

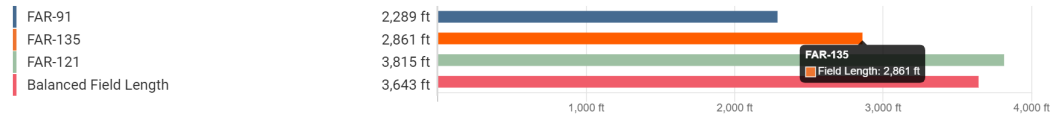
TIME TO CRUISE ALTITUDE:
22 min

SERVICE CEILING:
45,000 ft

ENGINE OUT RATE OF CLIMB:
880 ft/min

ENGINE OUT CEILING:
29,146 ft

Field Length



Speeds

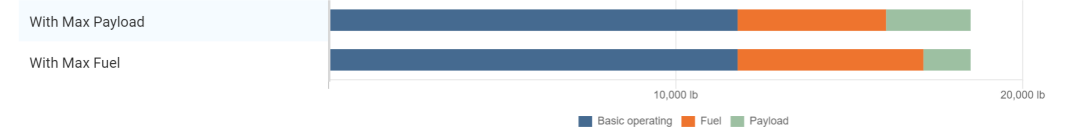
VMC (GROUND):	98 KIAS
VMC (AIR):	97
V2 (MAX. TAKEOFF GROSS WT.):	113 KIAS
VREF (BOW + PAX + NBAA RES.):	105 KIAS

FAR 36 Noise Levels

TAKEOFF:	69.9 EPNdB
SIDELINE:	88.8 EPNdB
APPROACH:	88.5 EPNdB

Weight/Payload

Weight Breakdown



With Max Payload

MAXIMUM PAYLOAD:
2,437 lb

RANGE AT MAX PAYLOAD:
1,541 nm

With Max Fuel

AVAILABLE PAYLOAD:
1,361 lb

PASSENGER CAPACITY:
7 people

RAMP WEIGHT:	18,497 lb	MAX GROSS TAKEOFF WEIGHT:	18,387 lb
MAX LANDING:	17,042 lb	ZERO FUEL:	14,220 lb
BASIC OPERATING:	11,783 lb	USEFUL LOAD:	6,714 lb
USABLE FUEL:	5,353 lb		



Note: Performance and range data are generic to the Phenom 300E as provided by manufacturer and subject to verification for individual aircraft. Aircraft subject to prior sale or withdrawal from market. Specifications, times, and prices are subject to change. Some of these descriptions and data are borrowed from Manufacturer's Specifications and provided for illustration purposes. Buyer responsible to confirm specifications and information for themselves. 221610

