

PHENOM[®] 300EV
BY EMBRAER



Prepared by SALES ENGINEERING

THE ULTIMATE EXPERIENCE IN BUSINESS AVIATION

PRAETOR[®] 500E BY EMBRAER

MIDSIZE

Passengers: 9
3,340 nm

PHENOM[®] 100EX BY EMBRAER

ENTRY-LEVEL

Occupants: 8
1,178 nm

PHENOM[®] 300EV BY EMBRAER

LIGHT

Occupants: 11
2,055nm



PRAETOR[®] 600E BY EMBRAER

SUPER-MIDSIZE

Passengers: 12
4,018 nm



A PHENOMENAL PRODUCT THAT JUST KEEPS GETTING BETTER



COMFORT

Bringing Large Jet Interior To The Light Jet Segment

Embraer Design DNA Interior

Vacuum Lavatory

Lufthansa Nice® HD Entertainment System



PERFORMANCE

Fastest & Furthest Flying Light Jet In The Market

Mach 0.80

2,055 nm Range

3,209 ft Takeoff Distance



TECHNOLOGY

Most Complete Suite Of Safety Solutions

Garmin® Emergency Autoland

ROAAS

Class Exclusive Autobrakes

Rudder-by-wire

EXTERNAL DIMENSIONS



51 ft 4 in (15.65 m)

16 ft 9 in (5.11 m)
*including landing gear

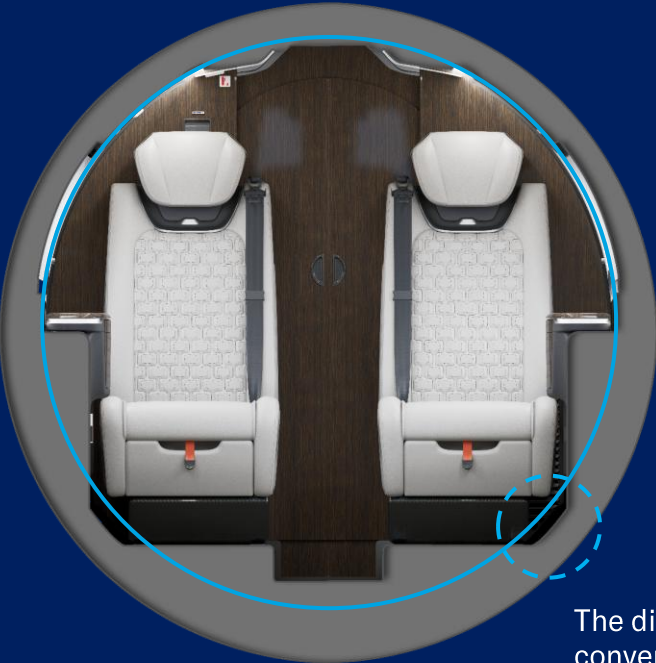


52 ft 2 in (15.90 m)



INTERNAL DIMENSIONS

Layout flexibility that fits your needs



The difference between the conventional circular cross section and the Oval Lite™ design

SPECIFICATIONS

Cabin Height	4 ft 11 in (1.50 m)
Cabin Width	5 ft 1 in (1.55 m)
Standard Occupants	8
Max Occupants	11



CONFIGURATIONS

1	RH Refreshment Center
2	7 th seat
3	2-place divan
4	Belted Lavatory

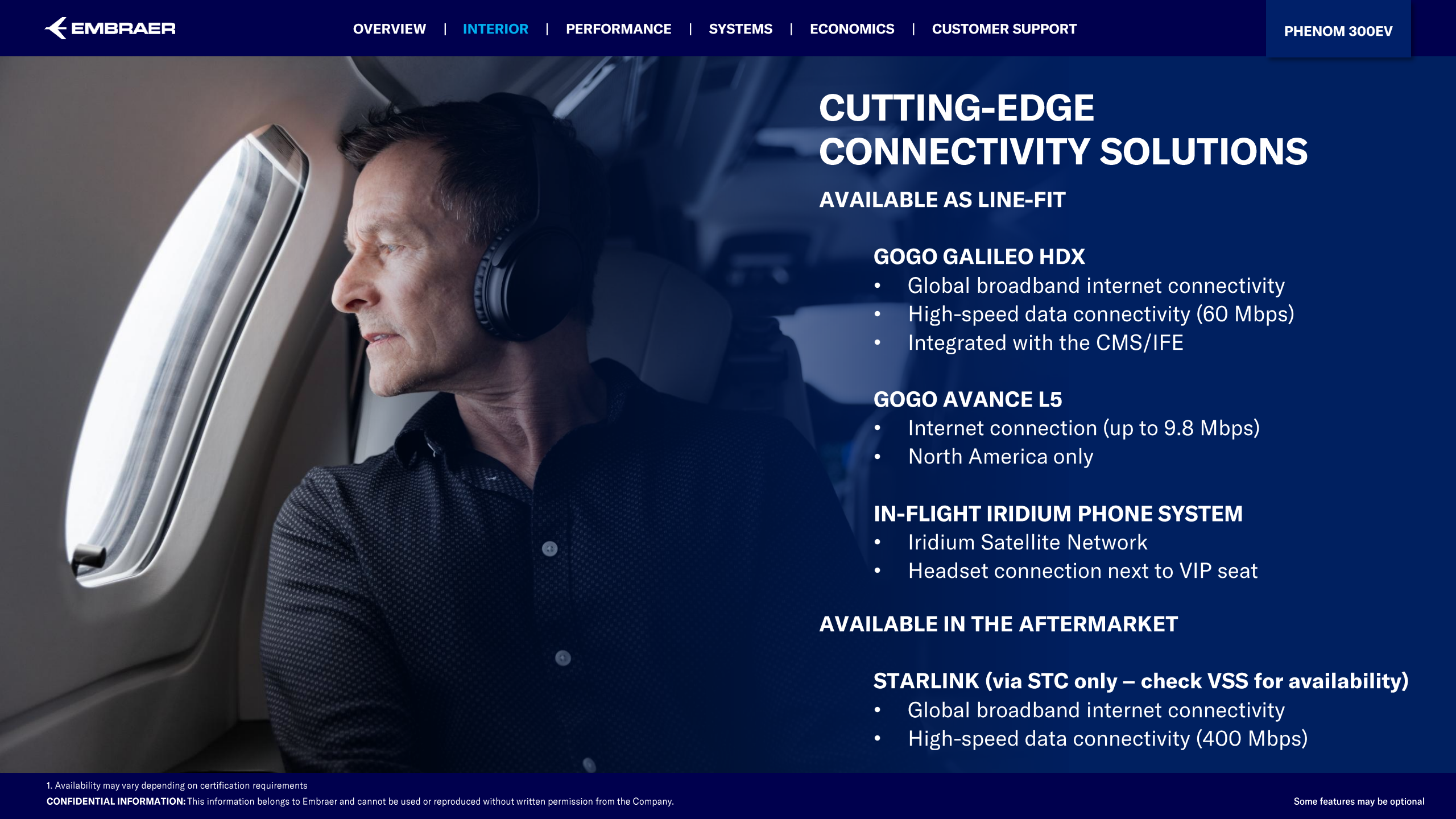
THE PHENOM 300EV BRINGS A LARGE JET INTERIOR TO A LIGHT JET

EMBRAER DESIGN DNA INTERIOR

- Seat design with retractable armrests
- Centralized upper tech panel
- Timeless design

NICE® HD BY LUFTHANSA CMS SYSTEM

- Cabin control system with portable device integration
- Video streaming and Bluetooth audio
- Media server, USB/HDMI ports

A man wearing a headset is looking out of an airplane window. The background is dark blue with white text.

CUTTING-EDGE CONNECTIVITY SOLUTIONS

AVAILABLE AS LINE-FIT

GOGO GALILEO HDX

- Global broadband internet connectivity
- High-speed data connectivity (60 Mbps)
- Integrated with the CMS/IFE

GOGO AVANCE L5

- Internet connection (up to 9.8 Mbps)
- North America only

IN-FLIGHT IRIDIUM PHONE SYSTEM

- Iridium Satellite Network
- Headset connection next to VIP seat

AVAILABLE IN THE AFTERMARKET

STARLINK (via STC only – check VSS for availability)

- Global broadband internet connectivity
- High-speed data connectivity (400 Mbps)

MORE AIR IN YOUR CABIN

*An impressively low cabin altitude.
Arrive feeling refreshed and less fatigued.*



CABIN ALTITUDE
6,600ft @ 45,000 ft
6,000 ft @ 41,000 ft



ASPEN 7,820 FT



BREATHE BETTER WITH THE NEW AVIATION CLEAN AIR (ACA) IONIZER

Cabin ionization delivers a cleaner, fresher,
and healthier onboard experience

THE LARGEST BAGGAGE COMPARTMENT WELL SUITED TO DIFFERENT NEEDS

Space for your summer or winter sporting gear



6 CARRY-ON BAGS

21 in x 23 in x 8 in
(0.53 m x 0.58 m x 0.2 m)



6 GARMENT BAGS

22 in x 14 in x 10 in
(0.56 m x 0.36 m x 0.25 m)



6 LAPTOP BAGS

16.5 in x 13.5 in x 4 in
(0.42 m x 0.34 m x 0.10 m)

OR



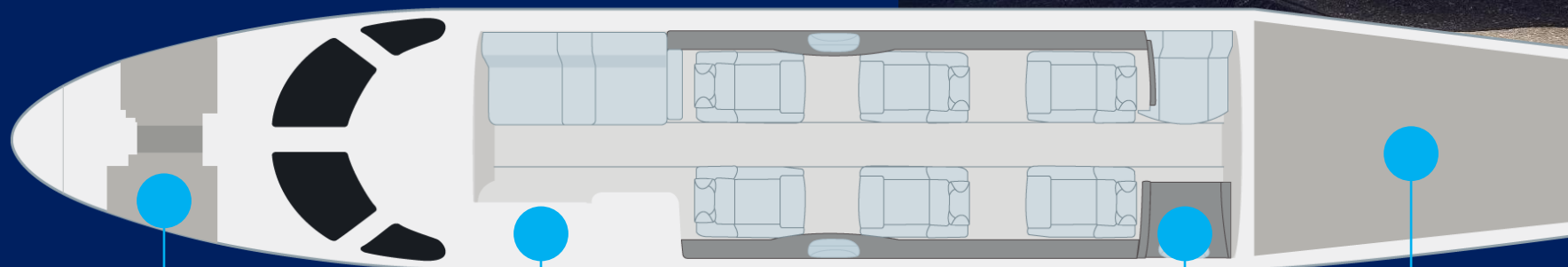
6 PAIRS OF SKIS

72.8 in x 5 in
(1.85 m x 0.13 m)



6 GOLF BAGS

9 in Diameter x 46 in
(0.23 m x 1.17 m)



8 ft³ (0.2 m³)
110 lb (50 kg)

6 ft³ (0.2 m³)
44 lb (20 kg)

4 ft³ (0.1 m³)
33 lb (15 kg)

66 ft³ (1.9 m³)
463 lb (210 kg)
Optionally Heated



UNMATCHED PERFORMANCE



RANGE

2,055 nm (3,806 km)

LRC, 5 occupants, NBAA IFR reserves 100 nm alternate



PAYLOAD

3,066 lb (1,391 kg)

Maximum Payload

1,485 lb (674 kg)

Payload Full Fuel



LANDING DISTANCE

2,212 ft (674 m)

Unfactored, 4 pax, NBAA IFR reserves, SL, ISA



TAKEOFF DISTANCE

3,209 ft (978 m)

MTOW, Sea Level, ISA



SPEED

M 0.80

MMO - Maximum Operating Mach

464 ktas (859 km/h)

High Speed Cruise



CLIMB

45,000 ft (13,716 m)

Maximum Operating Altitude

RANGE CIRCLE



PRODIGY[®] TOUCH

FLIGHT DECK

DESIGN DRIVERS

- Single pilot operation
- Human factors
- Glass cockpit with large displays
- Enhanced situational awareness
- Touch-screen controlled glass flight deck
- Exclusive Embraer Safety features: Emergency Autoland, ROAAS, EDM, Surfacewatch[™], and others—delivering unmatched protection, awareness, and confidence in every phase of flight

ENGINE

Pratt & Whitney Canada PW535E1

- Outstanding performance with high dependability
- Maintenance by design concept, easy and fast to maintain
- High fuel efficiency with low carbon emissions
- FADEC advantages
- Ease of operation, reduced workload
- Intelligent health monitoring and diagnostics
- Designed for efficient integration with aircraft electronics

ENGINE MODEL	PW535E1
THRUST (LB_F)	3,478
FLAT RATING	ISA + 15°C
TBO (HOURS)	5,000



EMBRAER RANKS FIRST IN:



COST OF PARTS



**SPEED IN
AOG SERVICE**



**TECHNICAL
REPRESENTATIVE**



**TECHNICAL
MANUALS**

“Embraer is a consistent top performer in Pro Pilot and AIN product support surveys”

Pro Pilot Magazine, 2018

PROFESSIONAL PILOT

2025 - #2 Overall

2024 - #1 Overall

2023 - #1 Overall

2022 - #2 Overall

2021 - #1 Overall

2020 - #1 Overall

WARRANTY

Superior warranty coverage



INSPECTION INTERVAL:

800 FH/12 months – Best in the Industry!

WARRANTY ITEM	COVERAGE
Embraer Parts	5 years 5,000 hours
Engine (P&W Canada)	3 years 2,500 flight hours
Avionics	3 years
Other Vendor Parts	3 years
Interior	1 year
Exterior paint	1 year





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