

PHENOM[®] 300E
BY EMBRAER

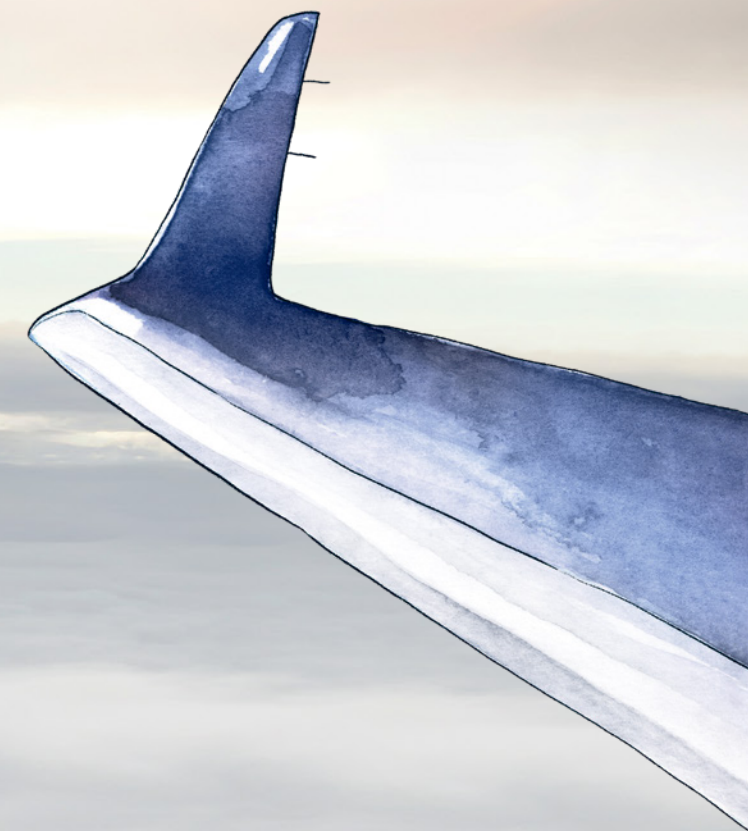
executive.embraer.com



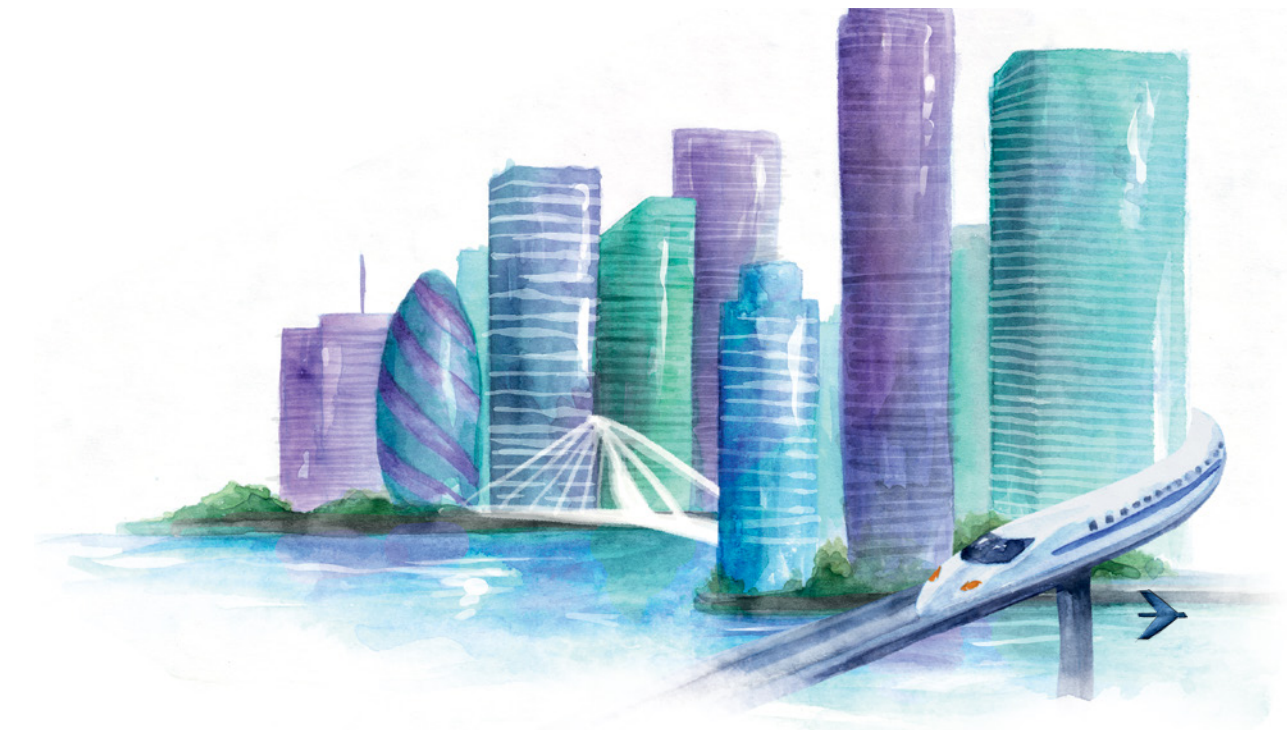
CHALLENGE.
CREATE.
OUTPERFORM.



ENJOY EVERY MOMENT
OF YOUR JOURNEY.



FLYING IS A MARVEL THAT CAN BE
CONSTANTLY IMPROVED UPON.



CHALLENGING THE STATUS QUO.

Our approach to challenging the status quo is expressed in three words:
Challenge. Create. Outperform.

Simply put, we take on our customers' challenges and create innovative solutions that help them outperform.

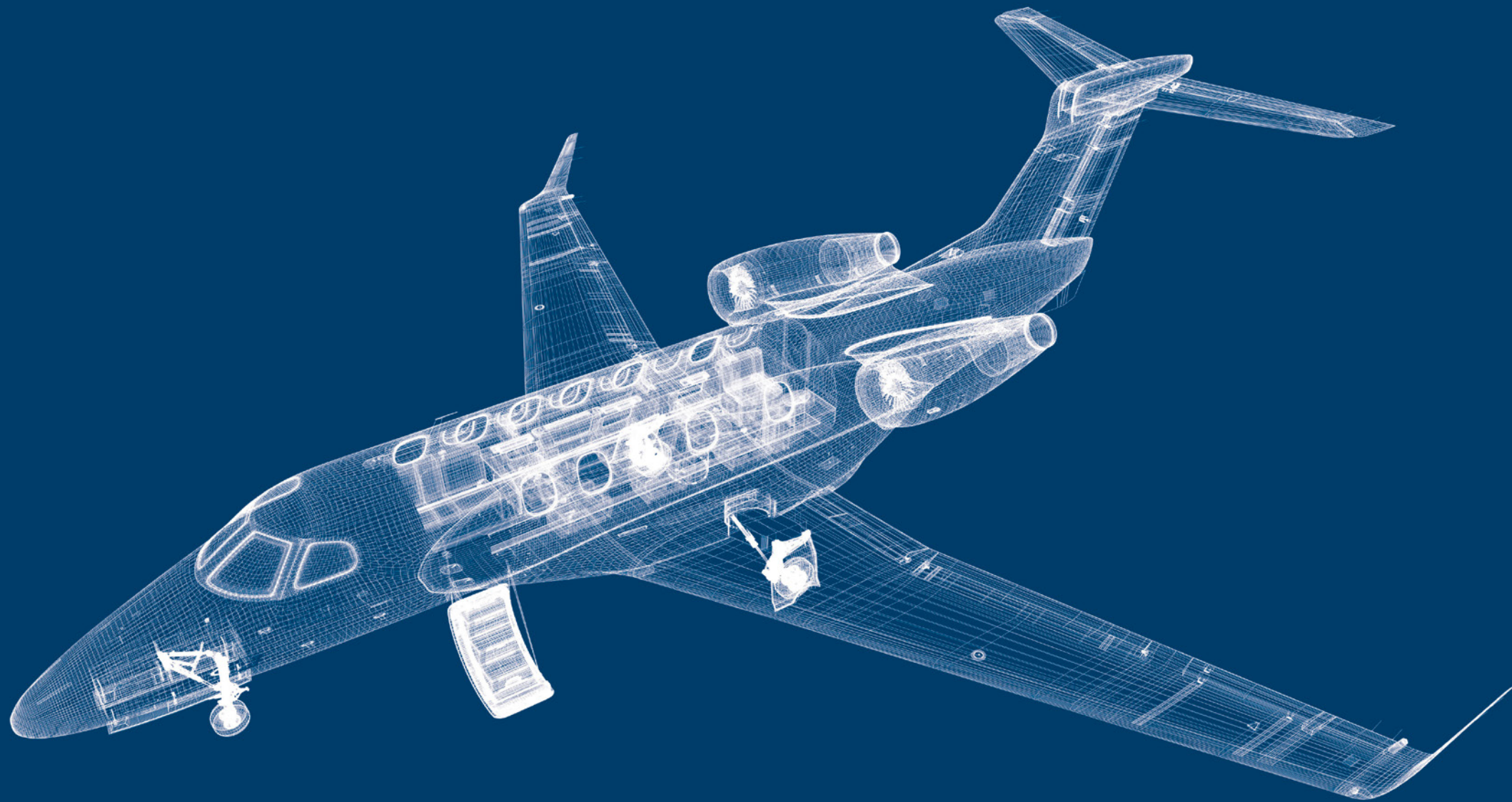
When we announced in 2005 that we were embarking on the development of a new-generation light business jet, we knew we had a tremendous opportunity. Our goal was to bring forth innovative solutions that would redefine the standard for both performance and comfort, and offer advanced technologies, from the flight deck to the cabin, that previously were found only on much larger, more expensive jets.

We begin each mission with certain advantages, including an over 50-year heritage as the manufacturer of exceptional commercial and military aircraft; an intrepid entrepreneurial spirit; and an intense drive to build some of the most innovative jets in business aviation. We also have another distinct advantage: the belief that it's amazing what's possible when you assume everything is possible.

A similar mindset was prevalent during the Space Age, an era defined by rapid advances in technology and the creation of the United States' space program. Therefore, it's quite fitting that today Embraer's growing business jet production facilities, global customer center and first U.S.-based engineering and technology center are all located on Florida's Space Coast. A company whose philosophy embodies a dynamic spirit of innovation is right at home in the place where rockets and space shuttles have soared into the sky for decades.

Our trailblazing Phenom 300 platform was born from a culture of challenging almost everything. It's truly a product of rethinking convention. And those who fly the Phenom 300E are enjoying the benefits.





HOW CAN YOU MAKE A JET BOTH FASTER AND SAFER? WELL — WE DID.

How do the world's top athletes go from being good to being great? How do they go from being great to becoming legends?

They never stop improving. And it's in this spirit that the most successful business jet of the past decade, the best-selling light jet for eight years running, and the fastest and longest-ranged single-pilot aircraft in business aviation just got better — again.

That's right. It's even better. With even more performance. Even more comfort. Even more technology. The fastest and longest-ranged single-pilot business jet is now capable of speeds up to Mach 0.80. It's got an even quieter cabin. And it's the first and only business aircraft to have a runway overrun awareness and alerting system, which provides a warning advisory if the runway approach is too steep or too fast. With its next-generation avionics, generous cabin space, revolutionary interior, industry-exclusive upper technology panel and the best-in-class cabin altitude that made it so popular, the best just got better — again.





PHENOM 300E
BY EMBRER



POPULAR FOR ALL THE RIGHT REASONS.

Strong. Sleek. Assertive. This fierce-looking jet never fails to turn heads. Its eye-catching nose is immediately recognizable; its low, swept wings with winglets make a powerful statement; and its impressive airstair, complete with handrail and step lighting, creates a dramatic grand entrance. Boasting a dominating ramp presence unlike any other, the Phenom 300E is a true force to be reckoned with. The attraction is undeniable. And the feeling, absolutely unforgettable.





STUNNING PERFORMANCE,
COMFORT AND TECHNOLOGY





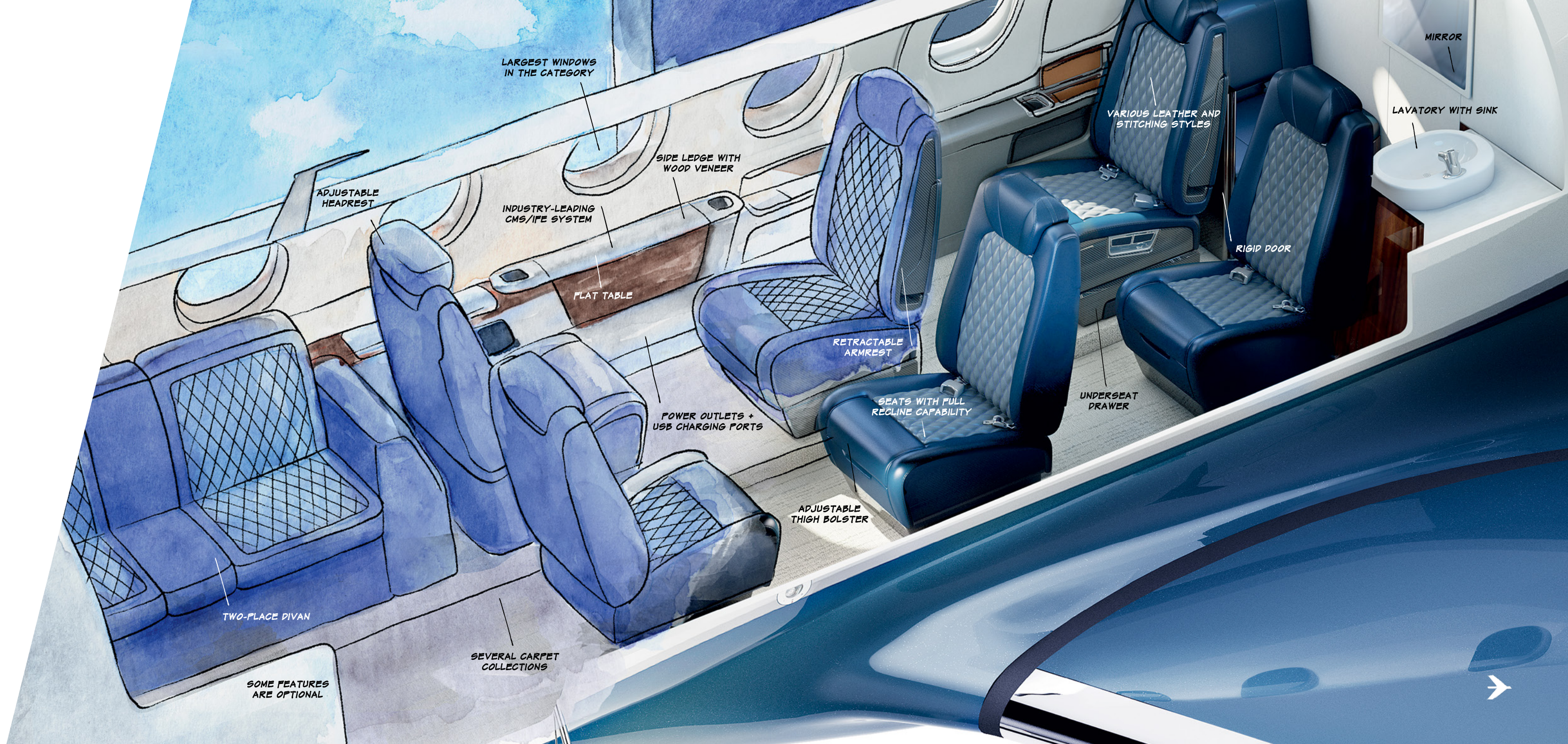
A SMOOTH, EXHILARATING JOURNEY

The Phenom 300E's cabin altitude of 6,600 feet - the lowest in its class - is ideal for working or relaxing.



AN INCREDIBLE NOTION OF SPACE.

Every inch of the Phenom 300E has been intelligently designed to offer unprecedented space. The exclusive Oval Lite® cabin provides the most head and legroom of any light jet, while oversized windows bathe the cabin in abundant natural light. Opening flush with the side ledge, the cabin's stowable tables offer plenty of room for working or dining. And with generous baggage volume, you'll be able to bring along everything you need every time you fly aboard this incredible aircraft.



A DISTINCTLY DIFFERENT DNA.

Intelligent design is not built around the latest trends. Rather, it is the seamless integration of style, technology, quality and purposeful functionality. It's about offering elegant solutions that beautifully and effortlessly serve you. This commitment to intelligent ergonomics and extraordinary craftsmanship is evident throughout the Phenom 300E's exquisite design. Every inch of the meticulously detailed cabin is crafted to deliver unparalleled class and usability. Innovative technology is brought to the forefront with Embraer's exclusive upper tech panel – complete with touch controls, downwash lighting, unique flush gaspers and optional drop-down monitor – and the addition of nice HD® by Lufthansa Technik, an advanced cabin control system that offers portable device integration and wireless audio/video streaming. And for superior comfort and mobility, the Phenom 300E's seats feature enhanced headrests, retractable armrests, adjustable thigh bolsters and custom stitching. The result? A highly sophisticated, luxurious and forward-thinking cabin environment designed to suit your every need.





INNOVATION BY DESIGN.

Embraer Design DNA is a strategic design philosophy that guides the innovation path of our business jets. Its purpose is clear: create distinguishable elements with a sustainable product evolution; build upon proven solutions; increase maturity and quality over time; and optimize costs and resources among platforms through discernible features and timeless design. To that end, future technologies and interfaces are continuously adapted and translated into the Embraer Design DNA vision, providing not just advanced performance, comfort and technology, but also unbeatable value for customers.



TAILORED SOPHISTICATION.
CUSTOM STYLING.



*The award-winning Bossa Nova Edition Interior
is now available in the Phenom 300E*





Generous baggage compartment.



Externally serviced lavatory

COMFORT AND CONVENIENCE
AT ITS FINEST.



A PERFECT UNION OF TECHNOLOGY AND ERGONOMICS.

The world's fastest and longest-ranged single-pilot aircraft, capable of reaching Mach 0.80, the Phenom 300E not only boasts advanced capabilities, but also delivers the most sophisticated marriage of technology and ergonomics of any light business jet. Its state-of-the-art, touch-controlled flight deck is designed to anticipate every need, minimize workload and reduce pilot fatigue. The Synthetic Vision System sees what the eyes can't, while the runway overrun awareness and alerting system provides a warning if the approach is too steep or too fast — and Embraer is the first and only OEM in business aviation to develop and certify a technology like this. Graphical flight planning, SurfaceWatch™, vertical navigation, windshear alerting and weather radar with vertical scan, ground clutter suppression and turbulence detection provide even more situational awareness. And the design of the aircraft's synoptic screens and Prodigy Touch avionics creates an instinctive interface between pilot and aircraft.



LONGER RANGE.
GREATER OPTIONS.



Angra dos Reis / Brazil



London City / United Kingdom



West Palm Beach / USA



Saint-Tropez / France



Aspen / USA



Toluca / Mexico

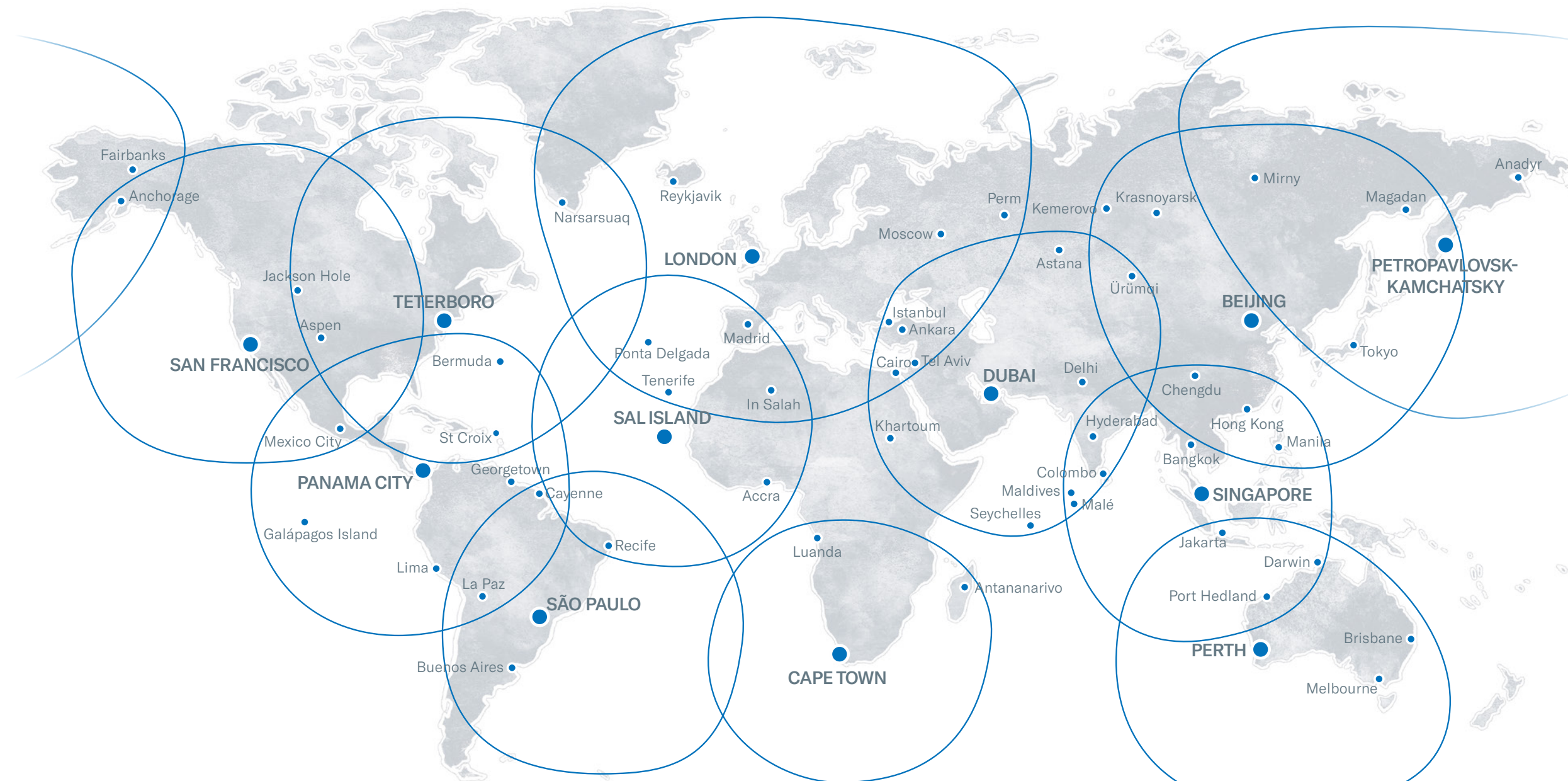


OPENING UP A WORLD OF POSSIBILITIES.

The Phenom 300E takes you farther, faster and to more places worldwide than any other light jet. Its nonstop range is 2,010 nm when flying at its long-range cruise speed. An impressive reach. And at its fastest, the aircraft can reach Mach 0.80.

The Phenom 300E also extends your domain in other ways. The light aircraft can take off at MTOW in just over 3,000 feet (SL, ISA) and delivers superior hot-and-high performance, giving you direct access to many desirable destinations.

With the best speed and range in its class, the Phenom 300E demonstrates its ability to transcend the perceptions of light jet capabilities. Proof of just how far you can go with an approach that begins by rethinking everything.



Range: LRC, 5 occupants at 200 lb each, NBAA IFR reserves with 100 nm alternate airport, SL, ISA



KEEPING YOU ON YOUR JOURNEY.

Built for high utilization, the Phenom 300E delivers outstanding dispatch reliability, simple maintenance and an extraordinarily low operating cost. High-tech SmartProbes™ and a fully integrated Central Maintenance Computer reduce downtime, while airline-like single-point refueling and the category's first externally serviced lavatory offer easy operation and low turnaround times.

Wherever your journey may take you, Embraer's top-ranked product support team will be there to ensure you enjoy an optimal experience aboard your aircraft. Our priority is to provide you with the ultimate experience in business aviation, exceeding your expectations whenever and wherever you fly.

Embraer's global support network includes strategically located centers and highly trained technicians to guarantee the best quality of service. The network extends across more than 70 owned and authorized service centers worldwide, giving you total confidence every time you fly. And our dedicated Customer Support Contact Center, staffed with qualified technicians, offers worldwide support 24/7.



ENVIRONMENTAL RESPONSIBILITY.

Embraer invests in sustainable technologies and contributes to the long-term development of its surrounding communities.

As a result, the Phenom 300E is equipped with remarkably powerful yet efficient engines, which offer a reduced noise footprint as well as better fuel burn and fewer emissions.

Embraer has also collaborated with Boeing to open a joint biofuel research center in São José dos Campos, Brazil, and recently performed joint tests as part of the ecoDemonstrator Program – a research initiative using specially modified aircraft to develop and test aviation technologies aimed at reducing carbon emissions, fuel consumption and noise.

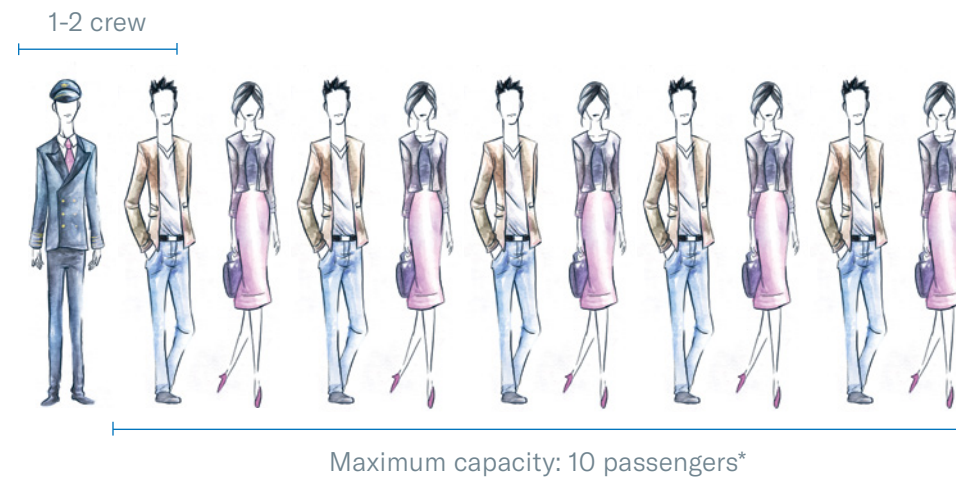
In addition to its environmental activities, Embraer seeks to positively transform its local communities and develop future leaders both through the Embraer Institute in Brazil, which offers quality education for low-income students, and the U.S.-based Embraer Foundation.



SPECIFICATIONS.

The Phenom 300E offers the ultimate experience in business aviation, with stunning performance, comfort and technology.

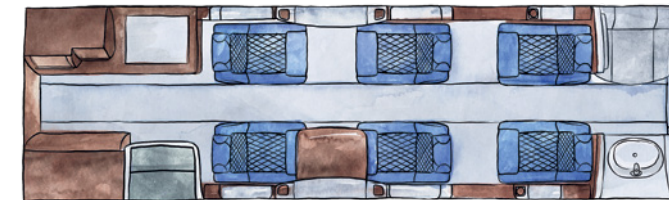
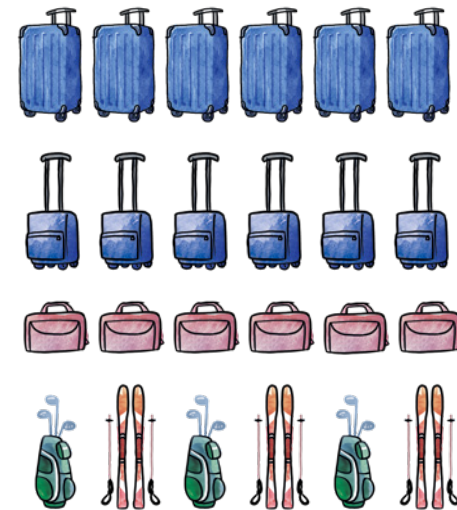
SEATING CONFIGURATION



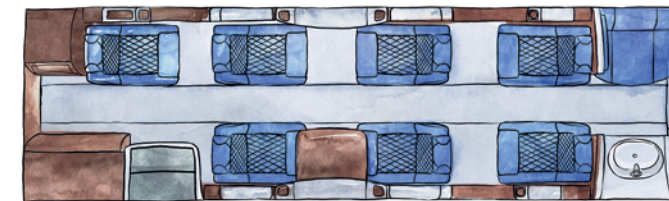
**Considering single-pilot operation and use of co-pilot seat, optional belted lavatory and optional two-place divan*

BAGGAGE AND STOWAGE VOLUME

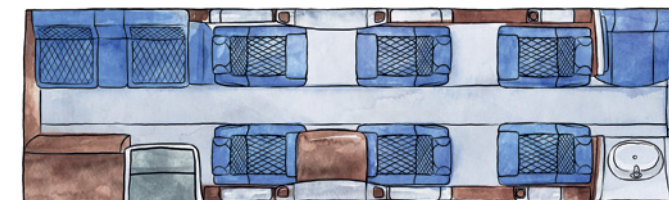
84 ft³ / 2.4 m³



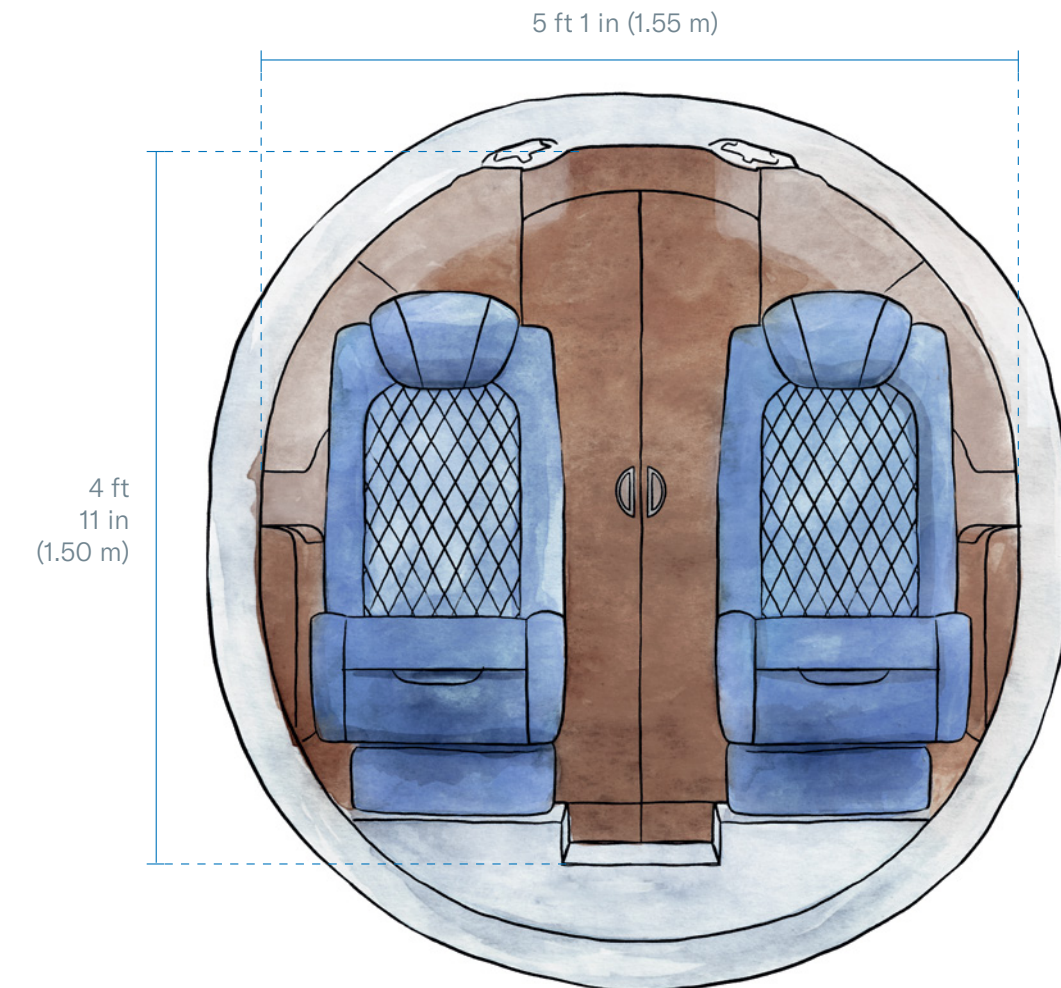
Standard configuration with refreshment center
(8 occupants)

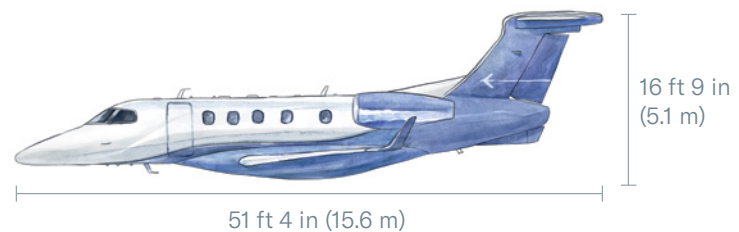
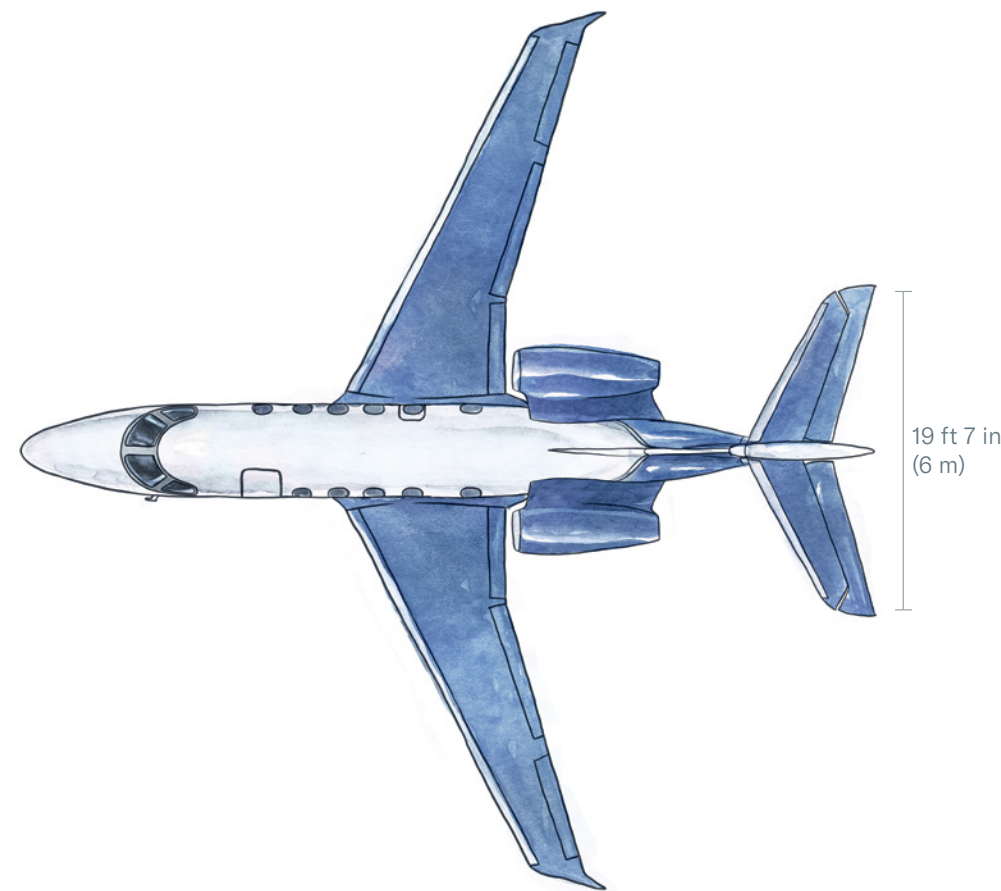


Optional belted lavatory, seventh seat and refreshment center
(10 occupants)



Optional belted lavatory, two-place divan and refreshment center
(11 occupants)





HIGH-SPEED CRUISE
464 kt / 859 km/h

M_{MO}
M 0.80

TAKEOFF DISTANCE (MTOW, SL, ISA)
3,209 ft / 978 m

UNFACTORED LANDING DISTANCE
(5 occupants at 200 lb each, NBAA IFR reserves, SL, ISA)
2,212 ft / 674 m

PROPULSION
Pratt & Whitney PW535E1

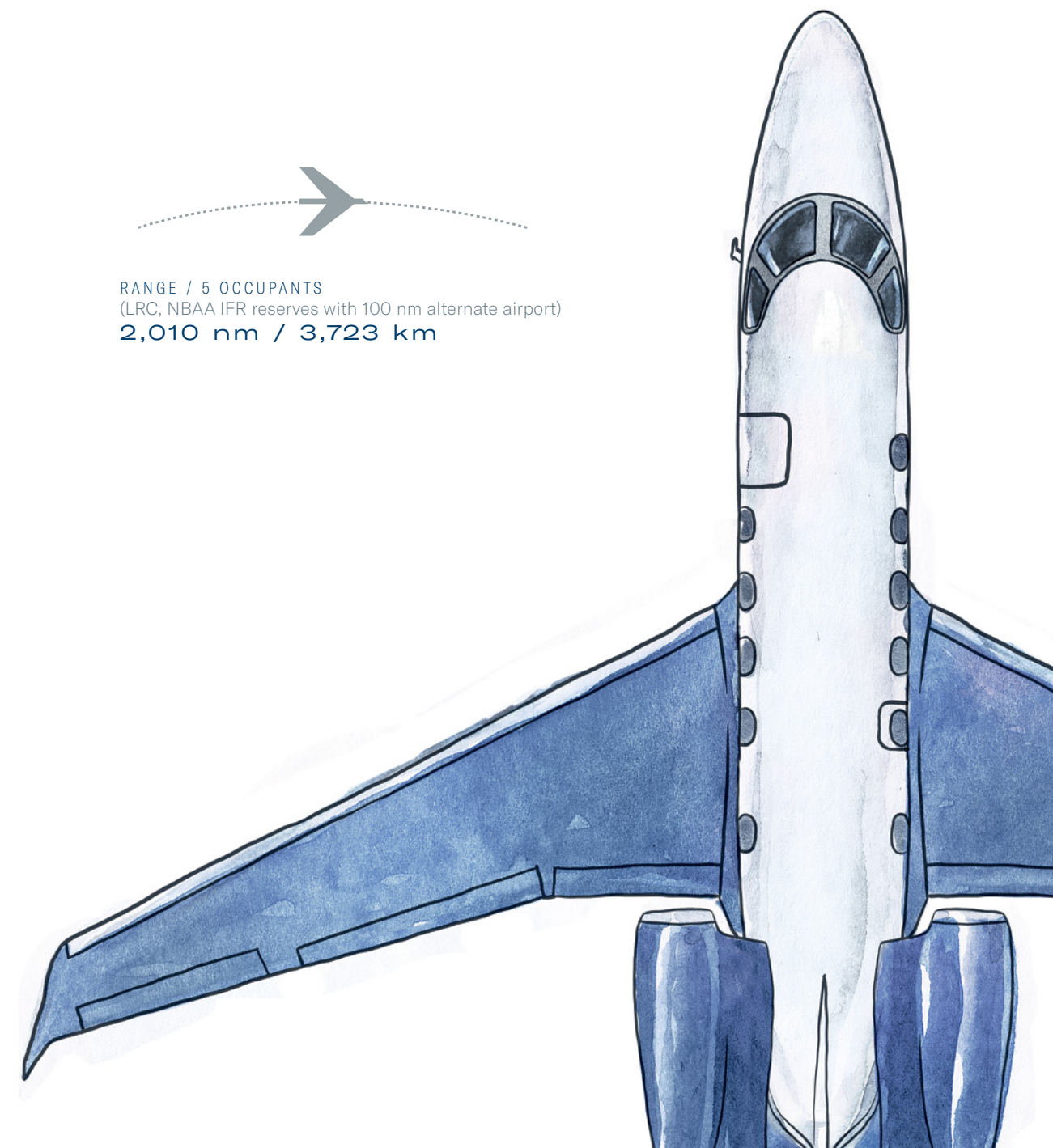
ENGINE THRUST / FLAT RATING
3,478 lb_f / ISA + 15°C

MAXIMUM PAYLOAD
2,637 lb / 1,196 kg

MAXIMUM OPERATING ALTITUDE
45,000 ft / 13,716 m



RANGE / 5 OCCUPANTS
(LRC, NBAA IFR reserves with 100 nm alternate airport)
2,010 nm / 3,723 km





London City Airport, England



THE EMBRAER PORTFOLIO OF BUSINESS JETS



PHENOM[®] 100EV
BY EMBRAER

SEATING CONFIGURATION

occupants: 6/8

PERFORMANCE:

Range (4 occupants, NBAA reserves): 1,178 nm
High-speed cruise: 406 ktas
M_{MO}: M 0.70
Max. operating altitude: 41,000ft
Takeoff field length (MTOW, SL, ISA): 3,190 ft

ENGINES:

Pratt & Whitney - PW617F1-E / 1,730 lb_f

AVIONICS:

Prodigy Touch Flight Deck (G3000)

CABIN HIGHLIGHTS:

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

Fully enclosed aft lavatory
Largest baggage compartment in class
Airstair with handrail and optional step lighting

TECHNOLOGY HIGHLIGHTS:

Clean-sheet design
Single-pilot operation
Synthetic vision system
Synoptic views for main aircraft systems
Central maintenance computer

LED lighting
Trailing link landing gear
Brake-by-wire with antiskid
35,000-hour economic life
Low operating cost



PHENOM[®] 300E
BY EMBRAER

occupants: 8/11

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

Pratt & Whitney - PW535E1 / 3,478 lb_f

Prodigy Touch Flight Deck (G3000)

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

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



PRAETOR 500
BY EMBRAER

crew+standard pax / max. pax: 2+7/9

Range (4 pax, NBAA reserves): 3,340 nm
High-speed cruise: 466 ktas
M_{MO}: M 0.83
Max. operating altitude: 45,000 ft
Takeoff field length (MTOW, SL, ISA): 4,222 ft

Honeywell - HTF7500E / 6,540 lb_f

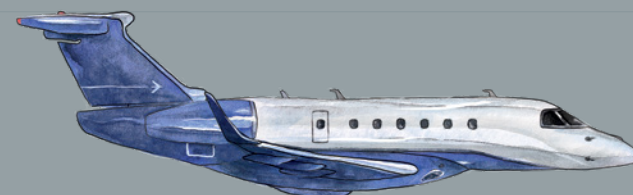
Collins Aerospace Pro Line Fusion[®]

Stand-up cabin with flat floor
Fully equipped wet galley
Choice of multiple cabin configurations
Unique connectivity: Gogo AVANCE L5 and Ka-band

In-flight entertainment system (IFE) that's compatible with portable electronic devices
Vacuum toilet system
Low cabin noise
5,800 ft cabin pressure at maximum cruise altitude

Full fly-by-wire controls with sidestick
Enhanced vision system with head-up display
Inertial system
CDTI (ADS-B In functionalities)

Auto-throttle
Synthetic vision system
Low operating cost
Steep-approach operation



PRAETOR 600
BY EMBRAER

crew+standard pax / max. pax: 2+8/12

Range (4 pax, NBAA reserves): 4,018 nm
High-speed cruise: 466 ktas
M_{MO}: M 0.83
Max. operating altitude: 45,000 ft
Takeoff field length (MTOW, SL, ISA): 4,717 ft

Honeywell - HTF7500E / 7,528 lb_f

Collins Aerospace Pro Line Fusion[®]

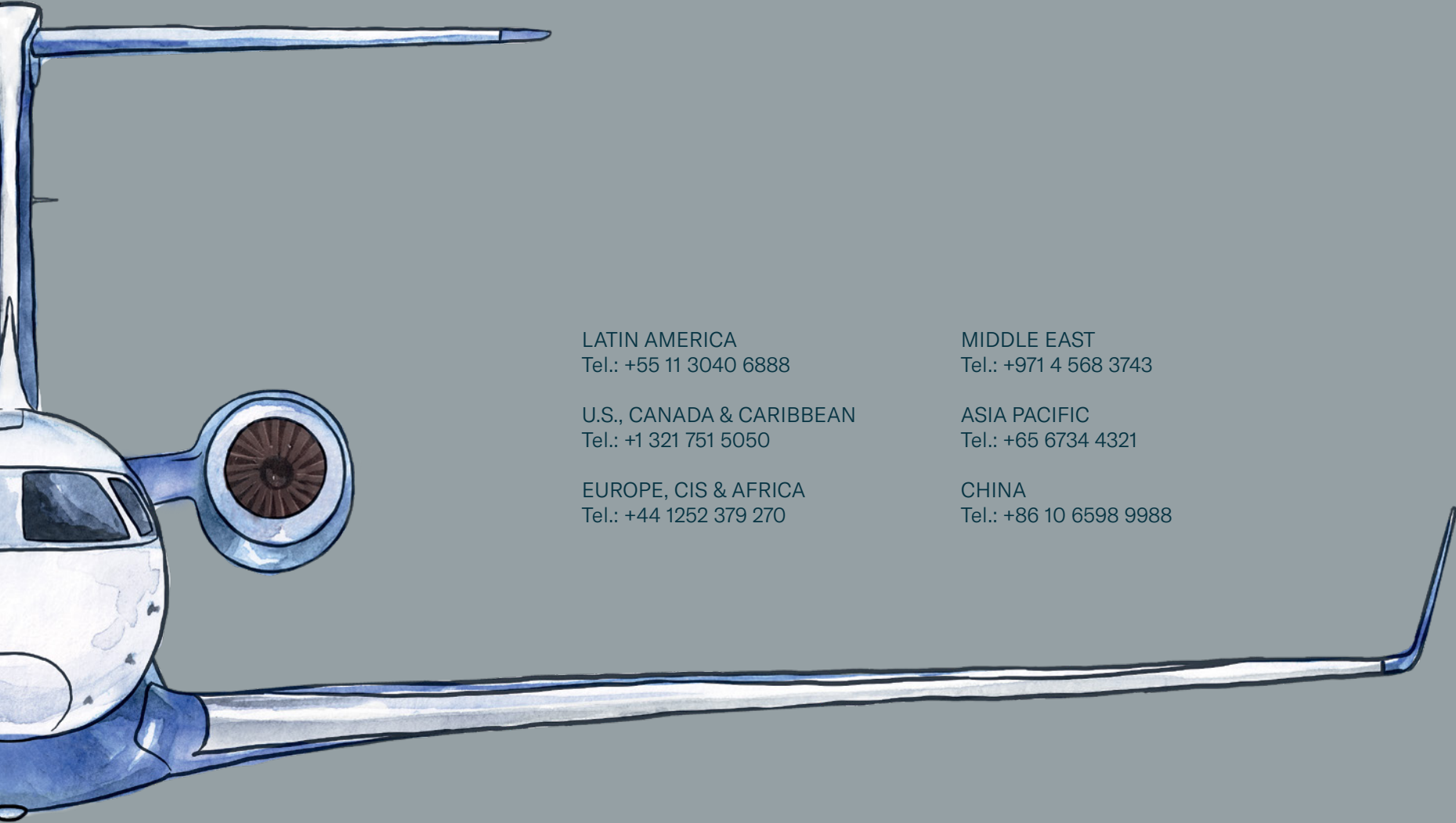
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CDTI (ADS-B In functionalities)

Auto-throttle
Synthetic vision system
Low operating cost
Steep-approach operation

Some features are optional.



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