

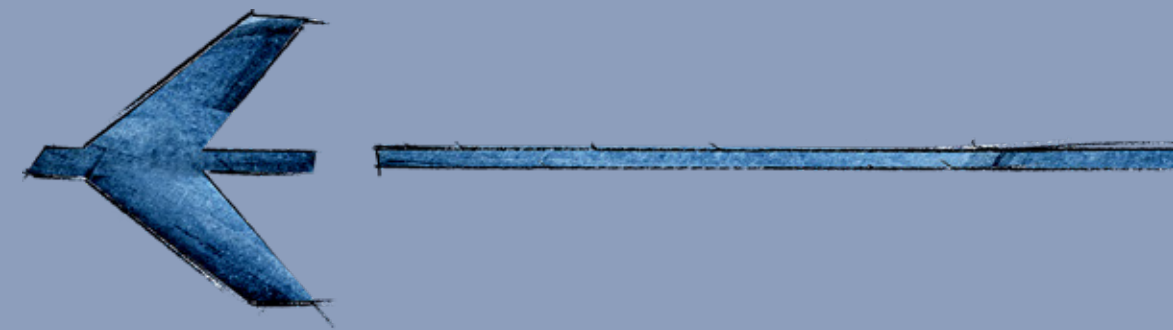
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PRAETOR 500

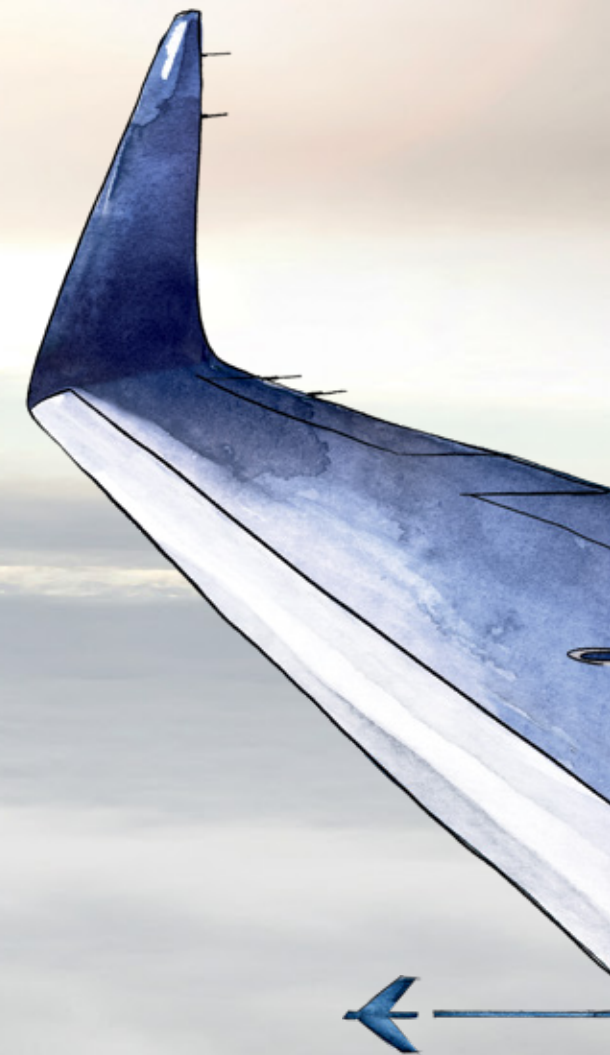
BY EMBRAER



CHALLENGE.
CREATE.
OUTPERFORM.



THE FORCE OF INNOVATION.
THE POWER OF SPEED.



MIDSIZE. TRANSCONTINENTAL.
UNMATCHED RANGE.
AT ULTRA-FAST SPEEDS.



CHALLENGE. CREATE. OUTPERFORM.

Embraer has punctuated aviation history with disruptive moments of industry-leading progress and innovation. We live to Challenge. Create. Outperform.

We put this commanding philosophy into practice when we started exploring the business aviation market in 2000. We were passionate about bringing updated, 21st-century aircraft to the world of business jets. Our mission began with certain advantages – a history as the manufacturer of exceptional commercial and military aircraft.

We established new standards, bringing groundbreaking solutions in performance and comfort to the business jet market. An Embraer business jet offers advanced technologies – from the flight deck to the cabin – that previously were unseen in our business jet categories.

Embraer is a company whose philosophy embodies a dynamic spirit

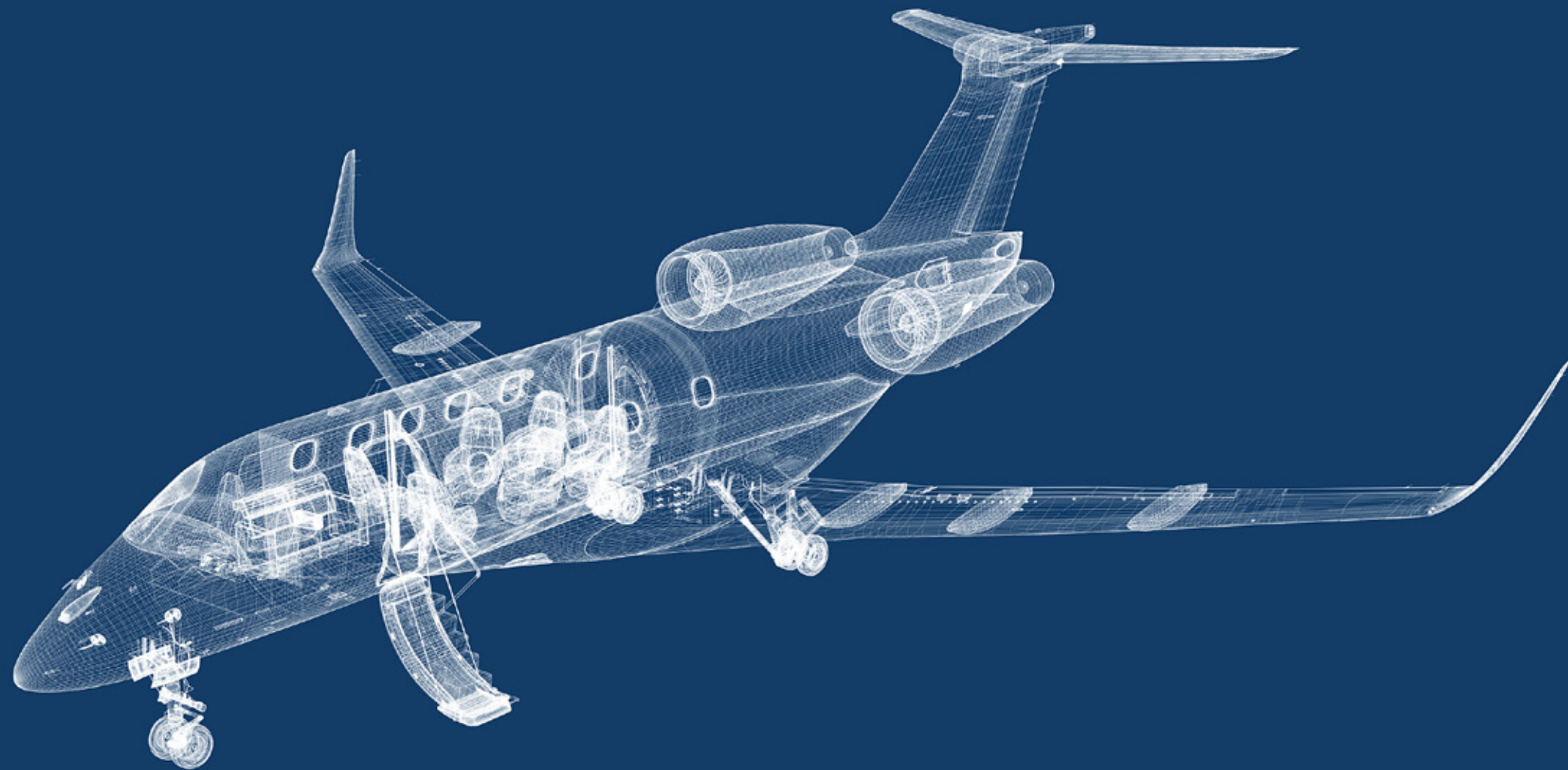
of innovation. The Space Age was characterized by the belief that anything is possible when you challenge the status quo. This was an era defined by rapid advances in technology. It's fitting that today Embraer's growing executive jet production facilities, customer center and first engineering and technology center outside Brazil are located on Florida's Space Coast. We are right at home in the place where rockets and space shuttles have soared into the sky for decades.

Our disruptive Praetor 500 was born from this culture of pioneering invention. The word itself – Praetor – comes from the Latin root that means to go before, or to lead the way. The Praetor 500 is an aircraft in keeping with its name, a business jet that truly questions boundaries and challenges the convention.

Challenge. Create. Outperform. ←



Global Customer Center in Melbourne, FL, USA



THE INNOVATOR DOMINATES IN THE PRAETOR 500.

An innovator dreams. An innovator dares. An innovator sees the limit and goes beyond it. In the 21st-century an innovator goes on missions that require access to unique places and challenging locations. As the world grows smaller with the ease of communication, the innovator needs to be there in person to take command. But to get there, the innovator needs the proper tools.

Meet the Praetor 500, the world's most disruptive and technologically advanced midsize business jet, built for the innovators to take command.

The Praetor 500 disrupts the conventional notions of what a midsize business jet can do. This industry-leading aircraft is remarkably fast with incredible range. The Praetor 500 is capable of flying non-stop from New York to L.A., Miami to Seattle, San Francisco to Gander, Singapore to Beijing, or Dubai to Bangkok. With best-in-class speed, best-in-class range, and best-in-class cabin altitude, you will save time and feel fresh on arrival – ready to seize the day with more freedom to take command at more destinations. ←





PRAETOR 500
BY CESSNA



DIFFERENT BY DESIGN. DISRUPTIVE BY CHOICE.

When put to the test of long-distance flying, the Praetor 500 transcends perceptions and dominates the midsize category.

The industry-leading Praetor 500 is a true corner-to-corner aircraft, able to quickly span the continent of North America with a nonstop range at long-range cruise speed of 3,340 nm (6,186 km). With an impressive reach and maximum endurance of nearly eight hours, it is the only aircraft in its class – the fastest, too – that can reach Europe from the U.S. west coast in one stop.

The Praetor 500 extends your domain by allowing access to challenging airports. This disruptive aircraft can fly its maximum range from a 4,222-foot (1,287 m) runway and can operate from runways as short as 3,000 feet. On a 1,000 nm mission, the Praetor 500's takeoff distance is an impressive 2,842 ft (867 m). This commanding performance capability gives you direct access to many more destinations, more experiences and more opportunities.

With best-in-class cabin altitude and range, the Praetor 500 embodies the pinnacle of comfort and performance on transcontinental missions. The Praetor 500 is the most disruptive midsize business aircraft in existence. ←

Range: LRC, 4 passengers at 200 lb each, NBAA IFR reserves with 200 nm alternate airport, 85% annual winds, ISA, baseline aircraft



COMMANDING PERFORMANCE. ACCESS TO CHALLENGING AIRPORTS.
TAKE CHARGE WITH THE CAPABILITIES.



Aspen / USA



Angra dos Reis / Brazil



London / UK



Dubai / United Arab Emirates



Hong Kong / China



Singapore



A close-up photograph of a car's interior, focusing on the center console and the surrounding leather seats. The center console is a dark, polished material with a circular opening on top. The leather seats are a light, textured color with visible stitching. The lighting is soft and directional, highlighting the textures and curves of the materials.

SKILLFUL CRAFTSMANSHIP.
ERGONOMETRIC COMFORT.





METICULOUSLY FASHIONED. INVIGORATING.

Carefully designed to meet all your needs on long flights, the Praetor 500's luxurious stone-floored, highly functional galley will impress you with options, from a refreshing drink to a nourishing meal. Comprehensively equipped with a microwave, conventional oven, refrigerator, coffee brewer, and beautiful crystal, china and silverware, the beautiful and functional galley makes your flight experience comfortable and fulfilling. ←

Some features are optional.

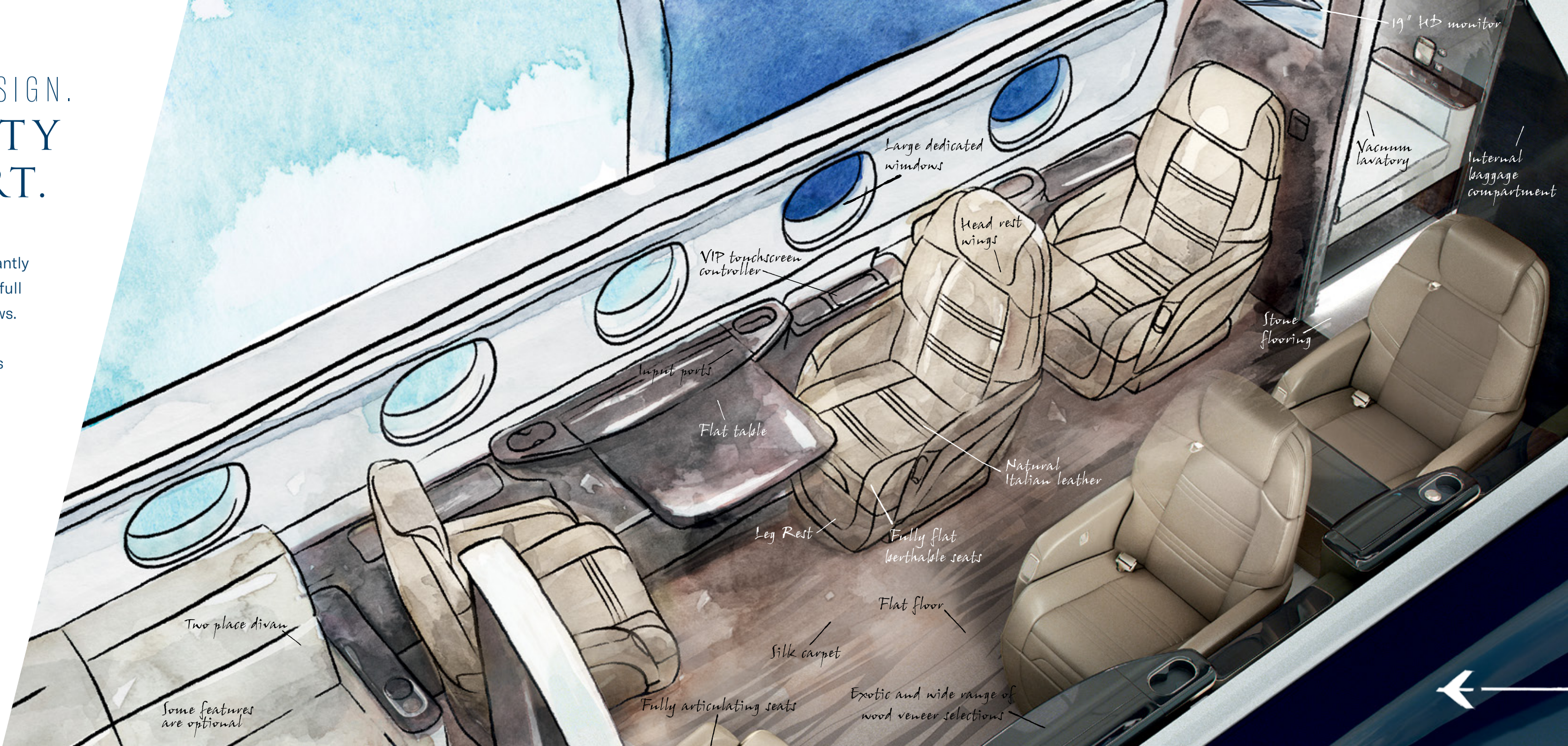


BEAUTIFUL CABIN DESIGN. FUNCTIONALITY AND COMFORT.

Superior craftsmanship and meticulous attention to detail are evident throughout the elegantly conceived six-foot-tall flat-floor cabin – from the fully reclining design of the seats with full berthing capability to their optimal placement beside spacious windows.

Matched with high-tech connectivity and a comfortable cabin altitude, the Praetor 500's Bossa Nova interior design has been perfected to suit your needs. The Bossa Nova interiors feature carbon fiber materials, piano-black coloring, and sophisticated stitching inspired by the famous sidewalks of Ipanema Beach in Rio de Janeiro. Whether working or dining, the cabin's stowable tables offer plenty of space, opening flush with the side ledge. The interior design provides the cabin with a beautiful, rhythmic sense of cool – just like the best Brazilian jazz.

Furthermore, with the most generous baggage compartment in its segment and a practical amount of internal storage space, you can bring along everything you need each flight aboard this remarkable aircraft. Whatever your in-flight desires, the Praetor 500's cabin was created with your comfort in mind to be both functional, luxurious and sophisticated. ←





REFRESHING AT ALTITUDE. AN ULTRA-QUIET CABIN.

The ultra-quiet environment of the cabin is ideal for normal conversation, working or relaxing. To keep you fresh and rested, the Praetor 500 delivers the absolute best-in-class cabin altitude. While you are flying at 45,000 feet, you will feel like you are at 5,800 feet. That's about half a mile below the altitude of Aspen. You will arrive feeling able-bodied and sharp, ready to take command. ←





State-of-the-art connectivity system:
Gogo AVANCE L5 and Ka-band

A practical amount of in-flight accessible baggage for more convenience
Largest baggage compartment in class for more travel flexibility

Fully flat berthable seats

DESIGNED FOR YOUR COMFORT.
FOR EITHER WORK OR REST.



FAST WI-FI CONNECTIVITY. TECHNOLOGY OF THE FUTURE.

Wi-Fi connectivity that is strong and reliable, just like home or the office. Exclusive to the category, Embraer equips the Praetor 500 with the very best in connectivity: Ka-band and Gogo AVANCE L5.

The aircraft's Honeywell Ovation™ Select Cabin Management Suite provides full 1080P HD video streaming and immersive audio. Unique to Embraer business jets, the upper technology panel with touchscreen puts flight status information, ambient lighting and access to cabin controls directly at your fingertips. ←





TECHNOLOGY PERFECTED FOR SUPREME COMMAND.

The revolutionary, high-tech Rockwell Collins Pro Line Fusion® flight deck marries cutting-edge technology with ergonomics and provides an instinctive interface between pilot and aircraft for a safer, easier flight.

The dark and quiet cockpit reduces pilot fatigue and minimizes workload. This industry-leading aircraft also features a Synthetic Vision System to see what the human eyes can't discern for safer takeoff, landing and in-flight operations. Enhanced Vision and Head-Up Display (HUD) extends situational awareness.

The Praetor 500's full fly-by-wire with side-stick controls reduces pilot workload and provides a safer, smoother flight experience with its active turbulence reduction capability while enabling access to more airports and easier maintenance than manual flight controls.

Revolutionary, industry-leading technology combined with superior flight deck ergonomics make this aircraft a dream to fly. ←



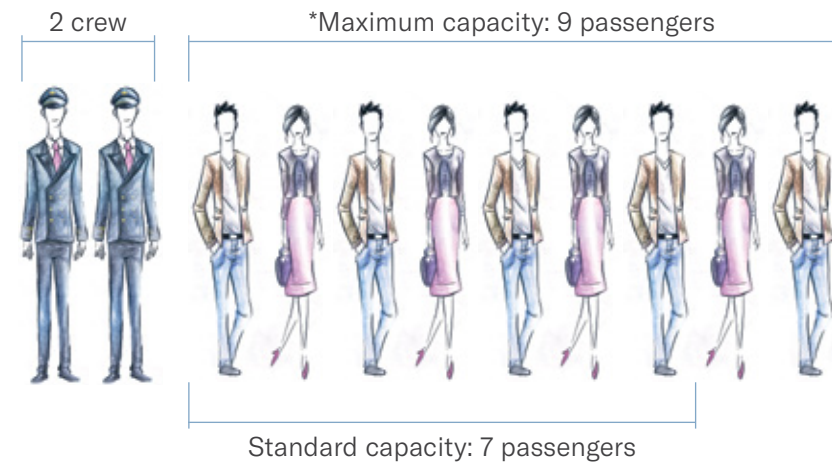
YOUR DREAM
FLIGHT DECK.



SPEED. PERFORMANCE. INNOVATION: THE TECHNICAL SPECIFICATIONS.

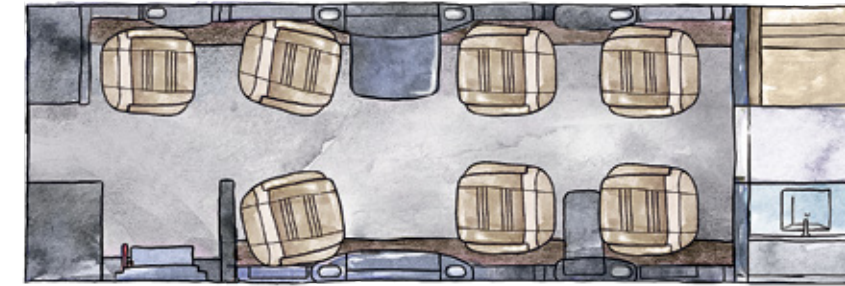
The disruptive Praetor 500 crosses continents at best-in-class speed, leading the way in performance, technology, and comfort for the midsize business jet. The precise union of style, power, and technology create a sophisticated travel experience. ←

SEATING CONFIGURATION

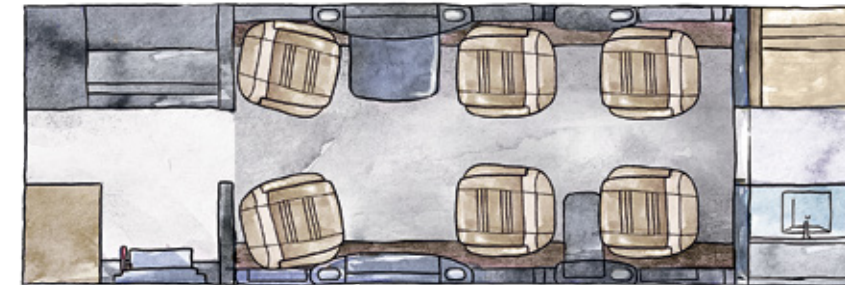


*Considering optional belted lavatory, side-facing seat and optional double divan

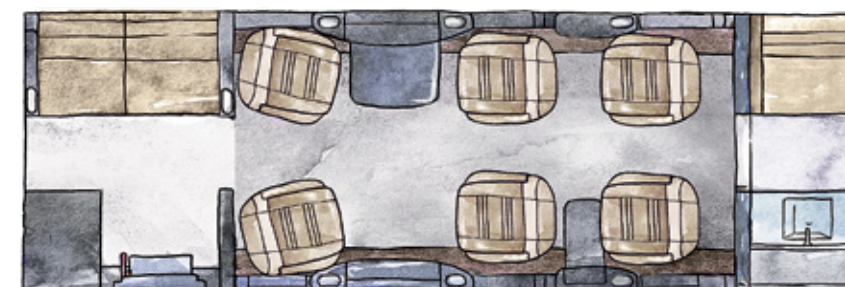
MAXIMUM BAGGAGE AND STOWAGE VOLUME 150 ft³ / 4.25 m³



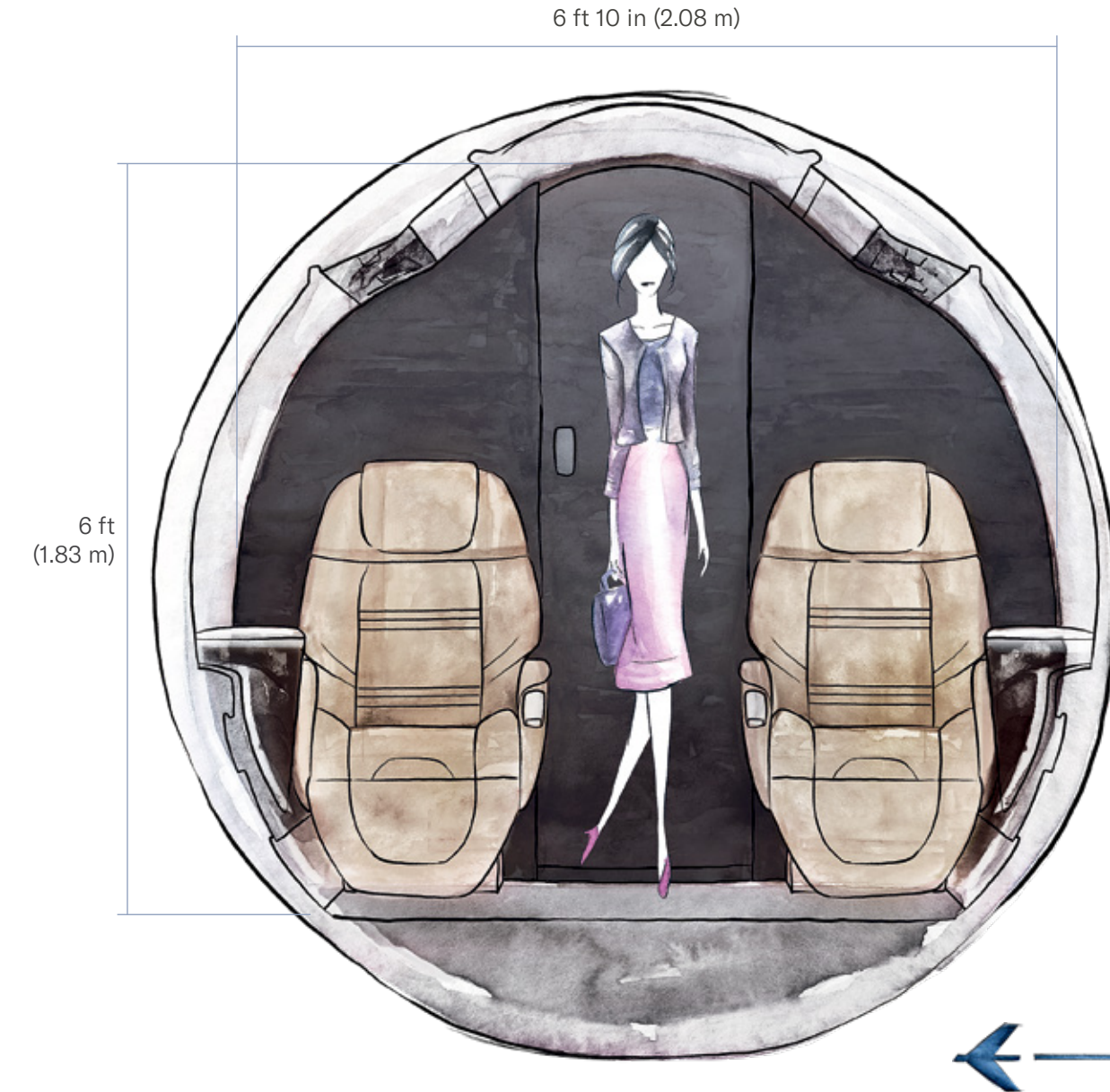
Two club seats, three single seats and belted lavatory seat
(Maximum: 8 passengers)



Two club seats, two single seats, one side facing seat
and belted lavatory seat (Maximum: 8 passengers)



Two club seats, two single seats, two place divan
and belted lavatory seat (Maximum: 9 passengers)





24 ft 1 in
(7.34 m)



70 ft 6 in (21.50 m)



21 ft 1 in
(6.43 m)

64 ft 7 in (19.68 m)

HIGH SPEED CRUISE
466 ktas / 863 km/h

M_{MO}
M 0.83

TAKEOFF DISTANCE (MTOW, SL, ISA)
4,222 ft / 1,287 m

TAKEOFF DISTANCE FOR A 1,000 NM MISSION
(SL, ISA, 4 passengers at 200 lbs each, NBAA IFR reserves, 200 nm alternate, baseline aircraft)
2,842 ft / 867 m

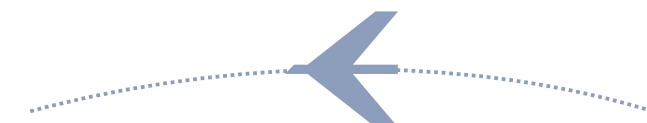
UNFACTORED LANDING DISTANCE
(LW with 4 passengers at 200 lb each, NBAA IFR reserves, SL, ISA)
2,086 ft / 636 m

PROPULSION
Honeywell HTF7500E

ENGINE THRUST / FLAT RATING
6,540 lb_f / ISA + 18°C

MAXIMUM PAYLOAD
2,921 lb / 1,325 kg

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



RANGE / 4 PASSENGERS
(LRC, NBAA IFR reserves with 200 nm alternate airport)
3,340 nm / 6,186 km



TOP-RANKED GLOBAL SUPPORT TO KEEP YOU ON YOUR JOURNEY.

Peace-of-mind maintenance starts with our MSG-3 easily serviceable design philosophy, which means that the aircraft is on the ground at coordinated intervals for less routine maintenance. Less routine work means that you have more flight time, for either work or pleasure. Fly in total confidence.

And when you need help, we are here. Embraer Executive Jets' top-ranked global Customer Support and Services team is dedicated to ensuring you enjoy an optimal experience aboard your business jet. Our priority is to provide you with the best possible support, exceeding your expectations, whenever and wherever you fly.

Our dedicated Customer Support Contact Center, staffed with qualified technicians, offers worldwide support 24 hours a day, seven days a week. Our network includes over 70 owned and authorized service centers worldwide and a field service fleet that delivers parts and maintenance, wherever you are.

Embraer Executive Jets' global support network includes strategically located centers and highly trained technicians to ensure the best quality of service to keep you in the air, on your journey. ←



GLOBAL FOOTPRINT

- ← Owned Service Centers
- ← Authorized Service Centers



ENVIRONMENTAL RESPONSIBILITY.

At Embraer, we invest in sustainable technologies and contribute to the long-term development of communities where we are located.

As a result, the Praetor 500 is equipped with the quietest and most efficient engines in the market, along with new technology for lower emissions. Embraer has recently collaborated with Boeing to perform joint tests as part of the ecoDemonstrator program.

In addition to its environmental activities, Embraer seeks to positively transform surrounding communities and develop future Brazilian leaders through the Embraer Institute, which offers quality education for low-income students.

Embraer Foundation is a United States based nonprofit organization that invests in partnerships in the communities where Embraer operates. Motivated by innovation, the Foundation strives for social and environmental development through community engagement and educational projects. ←





London City Airport, UK

FULL LINE
EMBRAER EXECUTIVE JETS

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THE EMBRAER PORTFOLIO OF BUSINESS JETS

		SEATING CONFIGURATION	PERFORMANCE:	ENGINES:	AVIONICS:	CABIN HIGHLIGHTS:	TECHNOLOGY HIGHLIGHTS:		
	PHENOM[®] 100 EV BY EMBRAER	occupants: 6/8	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	Pratt & Whitney - PW617F1-E / 1,730 lb _f	Prodigy Touch Flight Deck (G3000)	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	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[®] 300 E 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 [®]	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

Some features are optional.

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