

[embraer.com](http://embraer.com)

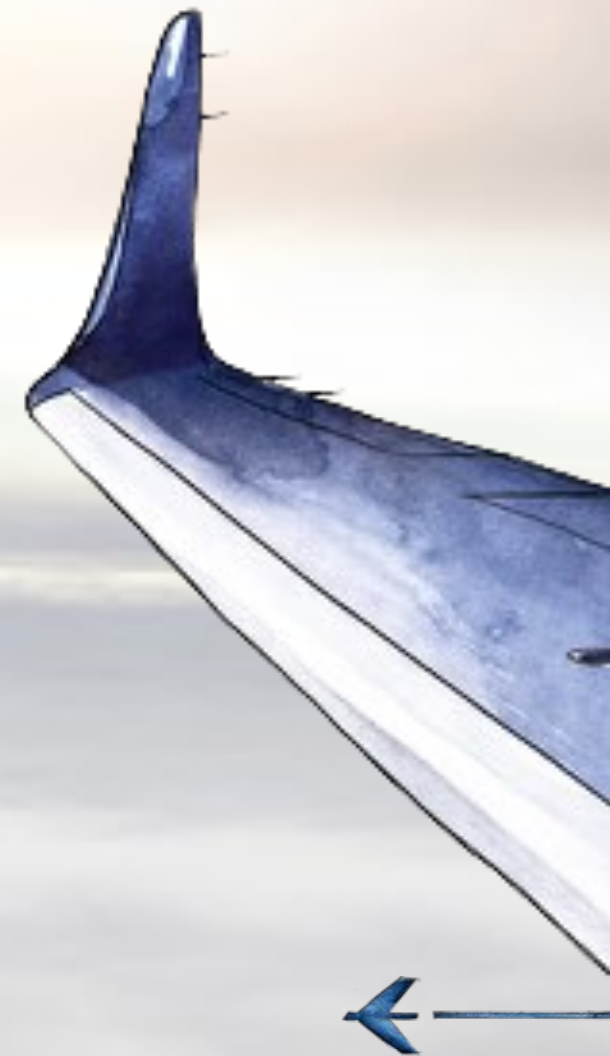
**PRAETOR 600**  
BY EMBRAER



CHALLENGE.  
CREATE.  
OUTPERFORM.



FLY FARTHER.  
FLY SMARTER.



PUSH THE BOUNDARIES.  
EXTEND YOUR DOMAIN.



# CHALLENGE. CREATE. OUTPERFORM.

Our approach to challenging the status quo is expressed in our slogan: Challenge. Create. Outperform. But it's more than a slogan. It's our philosophy.

When we started exploring the business aviation market in 2000, we knew we had a tremendous opportunity. Our goal was to bring innovative solutions for performance and comfort to the business jet market, offering advanced technologies from the flight deck to the cabin that were previously unseen. We set out to establish new standards.

We began our mission with certain advantages – including a history as the manufacturer of exceptional commercial and military aircraft as well as some of the most innovative jets in business aviation.

We are a company whose philosophy embodies a dynamic spirit

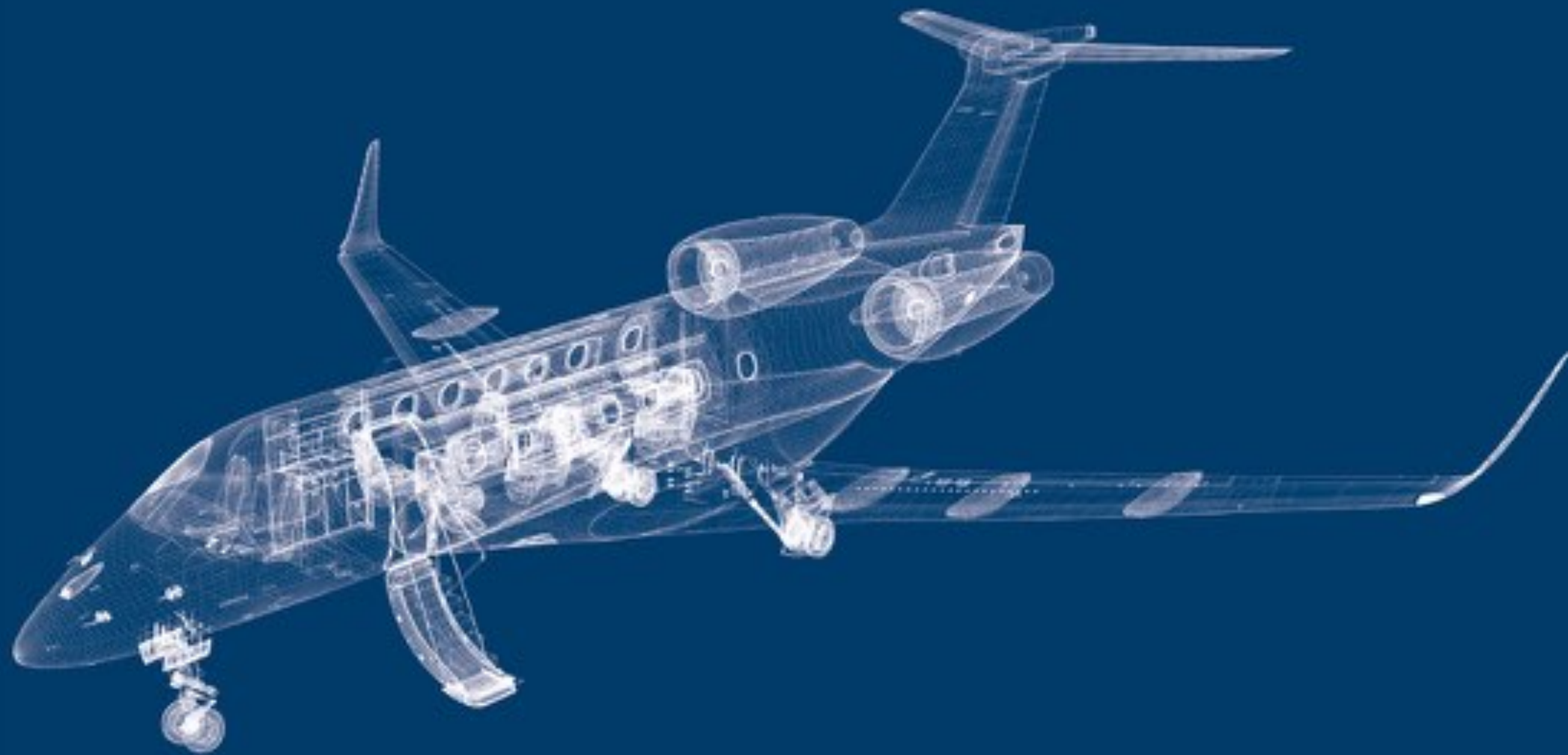
of innovation – as such, we are right at home in the place where rockets and space shuttles have soared into the sky for decades. The Space Age was characterized by the belief that anything is possible when you challenge the status quo. It's fitting that today Embraer's growing executive jet production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

Our disruptive Praetor 600 was born from this culture of pioneering invention. The word itself comes from the Latin root that means to go before, or to lead the way. The Praetor 600 is an aircraft in keeping with its name. This is a disruptive aircraft for the entrepreneur, for the pioneer, for the innovator. The Praetor 600 is truly a business jet that questions boundaries and challenges the convention – delivering superior value to you. Challenge. Create. Outperform. ←



Global Customer Center in Melbourne, FL, USA





# DIFFERENT BY DESIGN. DISRUPTIVE BY CHOICE.

Today's entrepreneur needs time and technologically advanced tools to help lead the way. Meet the Praetor 600 by Embraer, the most disruptive and technologically advanced aircraft in the super-midsize category.

The Praetor 600 delivers exacting value through forward-thinking offerings, giving best-in-class range and cabin altitude for your comfort. This revolutionary aircraft anticipates the future by disrupting the conventional notion of what a super-midsize business jet can do.

Fly from New York to Warsaw or from São Paulo to Cape Town. A straight shot. Fast, too. When your Praetor 600 lands on a different continent, glance at your watch and smile at the extra

time. And you feel fresh and invigorated – thanks to the best-in-class cabin altitude.

More value to you – that's what we decided to deliver when we chose to disrupt the business jet market once again. We wanted to maximize the advantage this business jet offered by expanding your flight range. And, after incorporating meticulous engineering, pinpoint design work, and cutting-edge technologies, that's exactly what we did.

The Praetor 600 embodies the disruptive spirit of the entrepreneur, the leader, the pioneer. Life is constant motion. Stay at the forefront in your Praetor 600. ←



PERFORMANCE, MAXIMIZED.  
INTERCONTINENTAL RANGE.



Hawaii / USA



Aspen / USA



Angra dos Reis / Brazil



London / UK



Dubai / United Arab Emirates



Hong Kong / China







# FROM CONTINENT TO CONTINENT. LAND IN CHALLENGING AIRPORTS.

How did we create the most disruptive, customer-focused and value-delivering super-midsize business jet? We dared the impossible. It started with a goal: to design an aircraft that offered unmatched comfort and exceptional performance. The Praetor 600 offers best-in-class range and unprecedented technology, making it one of the most advanced, efficient business jets.

The Praetor 600 delivers a nonstop range at long-range cruise of 3,900 nm (7,223 km) with a maximum endurance of over 9 hours. An impressive reach. In this intercontinental aircraft, you can fly nonstop to far-away destinations, from Teterboro to Rome, São Paulo to Cape Town, or Dubai to Hong Kong.

The Praetor 600 extends your domain in other ways, also. This aircraft can fly its maximum range from a 4,800-foot runway and can operate from a runway as short as 3,000 feet. This performance capability gives you direct access to many more destinations. Fly farther, and into a wider variety of airports, in the Praetor 600.

When put to the test of long-distance flying, the Praetor 600 demonstrates its ability to transcend the perceptions of the super-midsize category. This ocean-spanning aircraft is proof of how to break the boundaries. Different by design. Disruptive by choice. ←

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



# COMFORT.

A SOPHISTICATED DESIGN DNA.  
ERGONOMICALLY ENGINEERED.



UNPARALLELED  
LUXURY.





AND A PLUSH,  
SPACIOUS CABIN.



EVERY DETAIL FOR  
**YOUR COMFORT.**

The Praetor 600's luxurious stone-floored, highly functional galley will impress you with its carefully designed features to meet all your needs on long flights – from a refreshing drink to a nourishing meal. A microwave, conventional oven, refrigerator, coffee brewer, beautiful crystal, china, silverware and more are at your disposal for a comfortable and premium flight experience. ←





## THE ULTIMATE FLIGHT EXPERIENCE. ERGONOMICALLY DESIGNED.

Meticulous attention to detail and superior craftsmanship are evident throughout the elegantly conceived 6-foot-tall flat-floor cabin. From the fully reclining design of the seats with full berthing capability to their optimal placement beside spacious windows, the Praetor 600's cabin was created with your comfort in mind to be both functional and luxurious. Whether working or dining, the cabin's stowable tables offer plenty of space, opening flush with the side ledge. And 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. ←

Some features  
are optional



FEEL FRESH AND RESTED.  
ULTRA-QUIET IN FLIGHT.

To keep you fresh and rested, the Praetor 600 gives you 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. Additionally, the ultra-quiet environment is ideal for working, conversation or relaxing. You will arrive feeling able-bodied and sharp, ready to seize the day. ←







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  
TO ENERGIZE AND ENLIVEN.



# FUTURISTIC TECHNOLOGY. STRONG WI-FI CONNECTIVITY.

Technology is not just about the latest trends – it's about seamless integration into a space. Its purpose is to serve the user. On the Praetor 600, an innovative cabin management feature – the upper technology panel – does just that. Unique to Embraer business jets, the touchscreen overhead panel puts flight status information, ambient lighting and access to cabin controls directly at your fingertips. In addition, we bring you the latest and the very best in internet connectivity. You can trust Ka-band – exclusive to this category – or Gogo AVANCE L5 to stay connected in flight, while the aircraft's Honeywell Ovation™ Select Cabin Management Suite will spoil you with full 1080P HD video streaming and immersive audio. ←





## COMBINING ERGONOMICS AND ADVANCED TECHNOLOGY.

Technological innovation for your safety. The Praetor 600'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 along with easier maintenance. The state-of-the-art Rockwell Collins Pro Line Fusion® flight deck marries cutting-edge technology with ergonomics. The dark and quiet cockpit reduces pilot fatigue and minimizes workload. The Praetor 600 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 orchestration of Embraer's flight deck provides an instinctive interface between pilot and aircraft for a safer, easier flight. ←



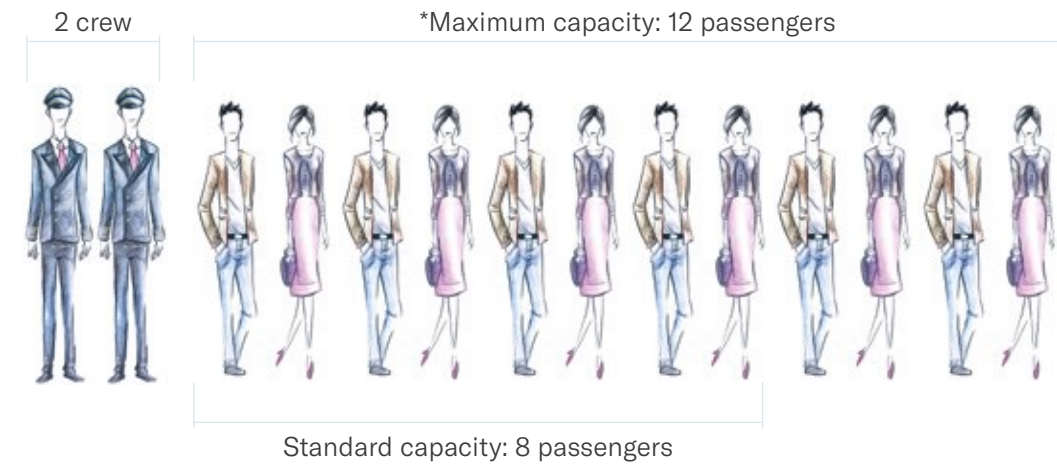
THE FLIGHT DECK  
OF YOUR DREAMS.



# SPECIFICATIONS.

The disruptive, ocean-spanning Praetor 600 is the most technologically advanced super-midsize business jet. The precise union of style, space, luxury and technology creates a sophisticated travel experience. ←

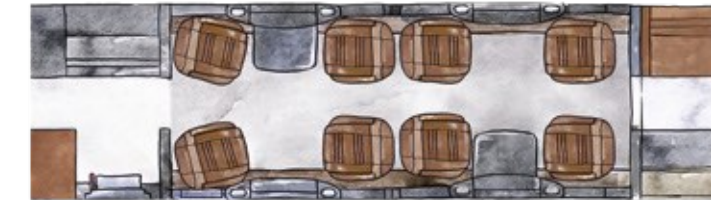
## SEATING CONFIGURATION



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

## BAGGAGE AND STOWAGE VOLUME

155 ft<sup>3</sup> / 4.39 m<sup>3</sup>



Four Club Seats Layout (\*Maximum: 10 passengers)



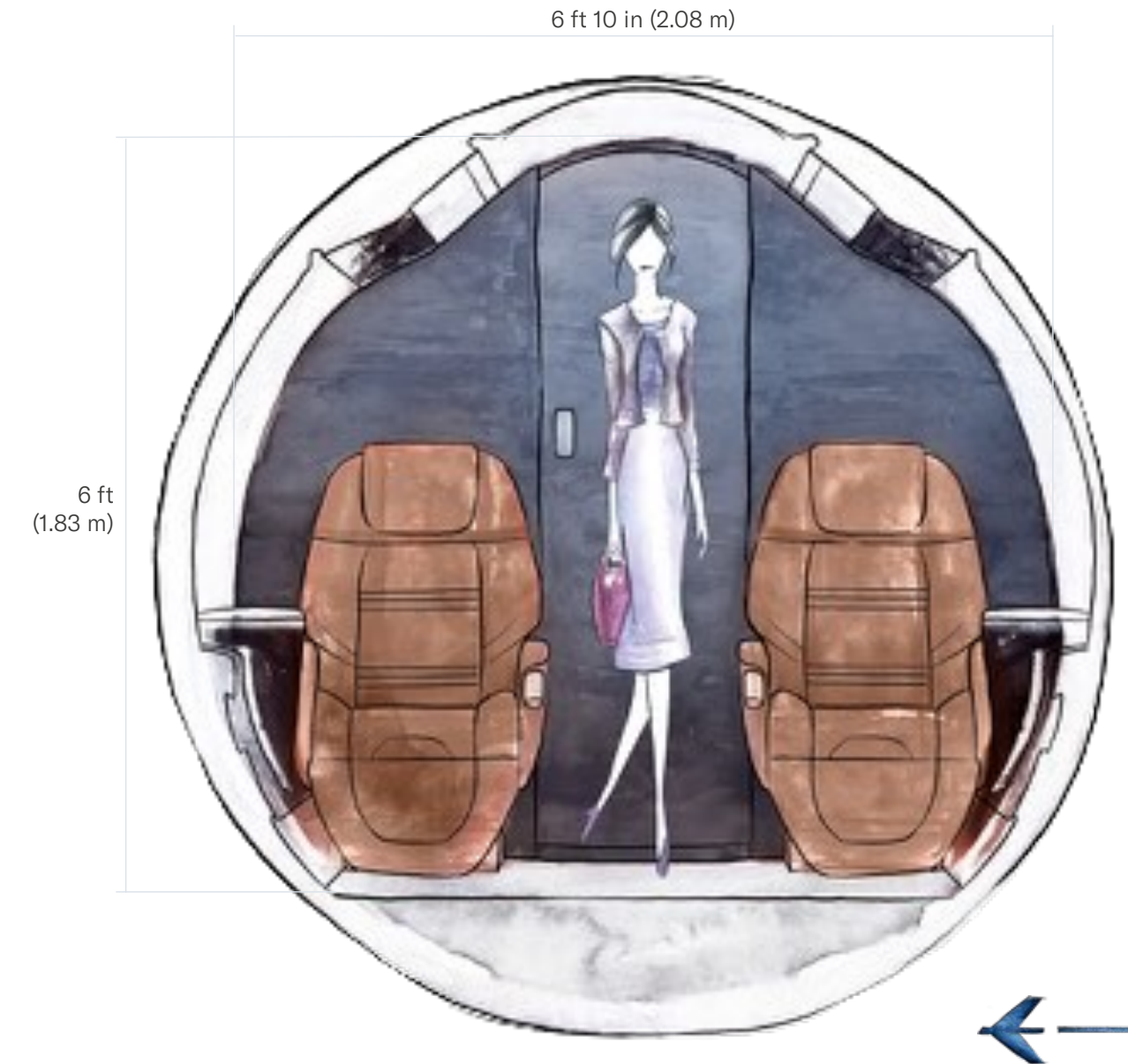
Aft Cabin RHS Divan (\*Maximum: 11 passengers)



Aft Cabin LHS Divan (\*Maximum: 11 passengers)



Aft Cabin Double Divan (\*Maximum: 12 passengers)





24 ft 1 in  
(7.34 m)



70 ft 6 in (21.50 m)



21 ft  
(6.41 m)

68 ft 1 in (20.74 m)

HIGH-SPEED CRUISE  
466 ktas / 863 km/h

$M_{MO}$   
M 0.83

TAKEOFF DISTANCE (MTOW, SL, ISA)  
4,800 ft / 1,463 m

UNFACTORED LANDING DISTANCE  
(LW with 4 passengers at 200 lb each, NBAA IFR reserves, SL, ISA)  
2,270 ft / 692 m

PROPULSION  
Honeywell HTF7500E

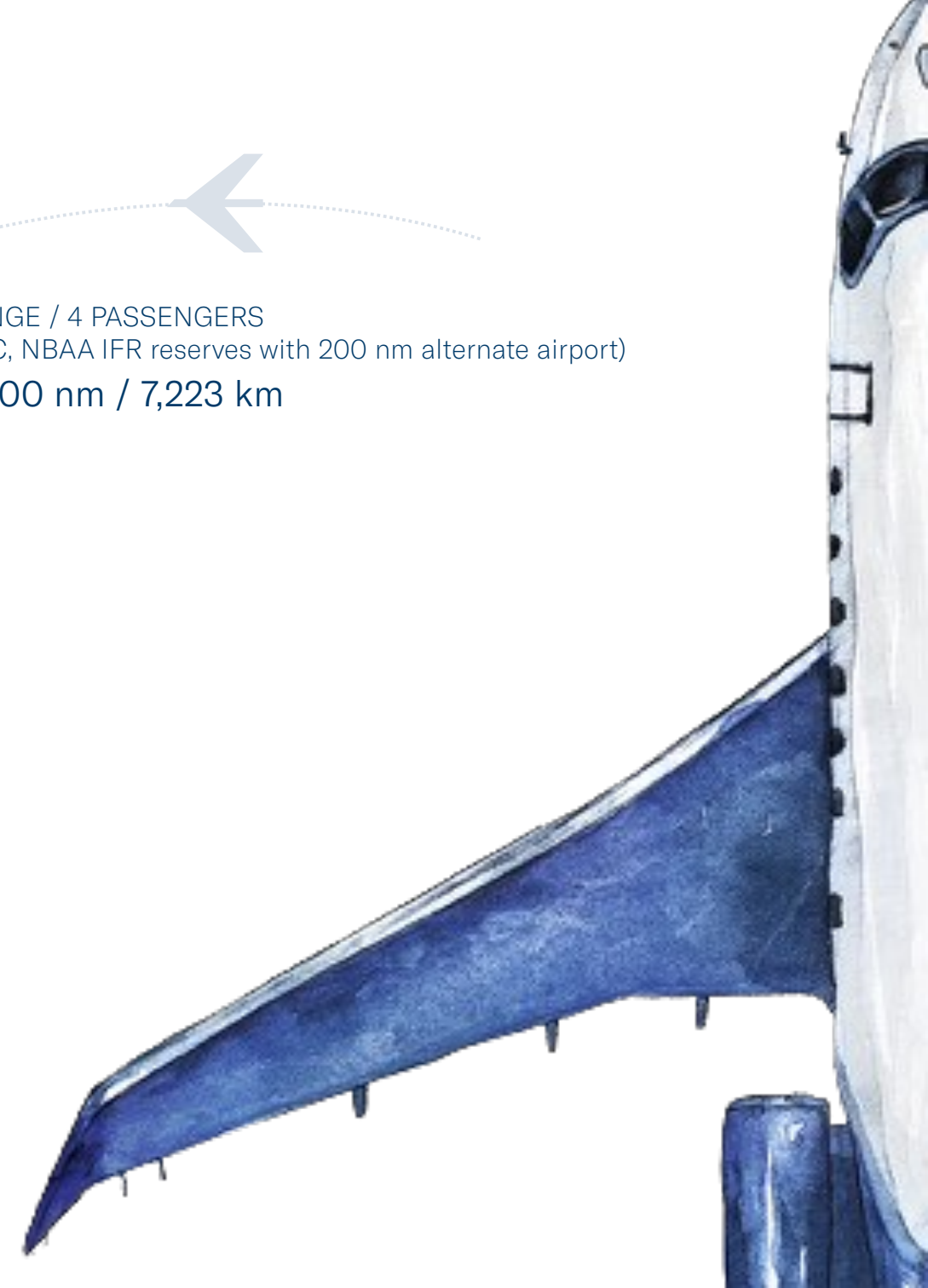
ENGINE THRUST / FLAT RATING  
7,528 lb<sub>f</sub> / ISA + 18°C

MAXIMUM PAYLOAD  
3,300 lb / 1,497 kg

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



RANGE / 4 PASSENGERS  
(LRC, NBAA IFR reserves with 200 nm alternate airport)  
3,900 nm / 7,223 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 600 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. ←







FULL LINE  
EMBRAER EXECUTIVE JETS

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MIDDLE EAST  
Tel.: +971 4 568 3743

ASIA PACIFIC  
Tel.: +65 6734 4321

CHINA  
Tel.: +86 10 6598 9988



October 2018



## PHENOM® 100EV BY EMBRAER

### PERFORMANCE:

Range (4 occupants, NBAA reserves): 1,178 nm  
High-speed cruise: 406 ktas  
M<sub>MO</sub>: 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<sub>f</sub>

### 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 (optional)  
Fully enclosed aft lavatory (optional hard door)  
Largest baggage compartment in class  
Airstair with handrail and optional step lighting  
11 Color schemes available

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

OCCUPANTS: 6/8

Some features are optional.



## PHENOM® 300E BY EMBRAER

### PERFORMANCE:

Range (6 occupants, NBAA reserves): 1,971 nm  
High-speed cruise: 453 ktas  
M<sub>MO</sub>: M 0.78  
Max. operating altitude: 45,000 ft  
Takeoff field length (MTOW, SL, ISA): 3,138 ft

### ENGINES:

Pratt & Whitney - PW535E / 3,360 lb<sub>f</sub>

### AVIONICS:

Prodigy Touch Flight Deck (G3000)

### CABIN HIGHLIGHTS:

Generous cabin space  
Largest windows and refreshment center in class  
Choice of multiple cabin configurations  
Largest baggage compartment in class  
Airstair with handrail and optional step lighting  
IFE compatible with portable electronic devices

### TECHNOLOGY HIGHLIGHTS:

Clean-sheet design  
Externally serviced lavatory  
Airline-like single-point refueling  
Synthetic vision system  
Synoptic views for main aircraft systems  
Central maintenance computer  
LED lighting  
Synthetic vision system  
35,000-hour economic life  
Low operating cost  
Steep-approach capability

OCCUPANTS: 8/11



## LEGACY® 450 BY EMBRAER

### PERFORMANCE:

Range (4 pax, NBAA reserves): 2,904 nm  
High-speed cruise: M 0.82  
M<sub>MO</sub>: M 0.83  
Max. operating altitude: 45,000 ft  
Takeoff field length (MTOW, SL, ISA): 3,907 ft

### ENGINES:

Honeywell - HTF7500E / 6,540 lb<sub>f</sub>

### AVIONICS:

Rockwell Collins Pro Line Fusion®

### CABIN HIGHLIGHTS:

Stand-up cabin with flat floor  
Fully equipped wet galley  
Choice of multiple cabin configurations  
Unique connectivity: Gogo AVANCE L5 and Ka-band  
IFE system compatible to portable electronic devices  
Vaccum toilet system  
Low cabin noise  
5,800 ft cabin at maximum cruise altitude

### TECHNOLOGY HIGHLIGHTS:

Clean-sheet design  
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

CREW+STANDARD PAX/MAX. PAX: 2+7/9



## PRAETOR 500 BY EMBRAER

### PERFORMANCE:

Range (4 pax, NBAA reserves): 3,250 nm  
High-speed cruise: M 0.82  
M<sub>MO</sub>: M 0.83  
Max. operating altitude: 45,000 ft  
Takeoff field length (MTOW, SL, ISA): 4,263 ft

### ENGINES:

Honeywell - HTF7500E / 6,540 lb<sub>f</sub>

### AVIONICS:

Rockwell Collins Pro Line Fusion®

### CABIN HIGHLIGHTS:

Stand-up cabin with flat floor  
Fully equipped wet galley  
Choice of multiple cabin configurations  
Unique connectivity: Gogo AVANCE L5 and Ka-band  
IFE system compatible to portable electronic devices  
Vaccum toilet system  
Low cabin noise  
5,800 ft cabin at maximum cruise altitude

### TECHNOLOGY HIGHLIGHTS:

Clean-sheet design  
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

CREW+STANDARD PAX/MAX. PAX: 2+7/9



## LEGACY® 500 BY EMBRAER

### PERFORMANCE:

Range (4 pax, NBAA reserves): 3,125 nm  
High-speed cruise: M 0.82  
M<sub>MO</sub>: M 0.83  
Max. operating altitude: 45,000 ft  
Takeoff field length (MTOW, SL, ISA): 4,084 ft

### ENGINES:

Honeywell - HTF7500E / 7,036 lb<sub>f</sub>

### AVIONICS:

Rockwell Collins Pro Line Fusion®

### CABIN HIGHLIGHTS:

Stand-up cabin with flat floor  
Fully equipped wet galley  
Choice of multiple cabin configurations  
Unique connectivity: Gogo AVANCE L5 and Ka-band  
IFE system compatible to portable electronic devices  
Vaccum toilet system  
Low cabin noise  
5,800 ft cabin at maximum cruise altitude

### TECHNOLOGY HIGHLIGHTS:

Clean-sheet design  
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

CREW+STANDARD PAX/MAX. PAX: 2+8/12



## PRAETOR 600 BY EMBRAER

### PERFORMANCE:

Range (4 pax, NBAA reserves): 3,900 nm  
High-speed cruise: M 0.82  
M<sub>MO</sub>: M 0.83  
Max. operating altitude: 45,000 ft  
Takeoff field length (MTOW, SL, ISA): 4,800 ft

### ENGINES:

Honeywell - HTF7500E / 7,528 lb<sub>f</sub>

### AVIONICS:

Rockwell Collins Pro Line Fusion®

### CABIN HIGHLIGHTS:

Stand-up cabin with flat floor  
Fully equipped wet galley  
Choice of multiple cabin configurations  
Unique connectivity: Gogo AVANCE L5 and Ka-band  
IFE system compatible to portable electronic devices  
Vaccum toilet system  
Low cabin noise  
5,800 ft cabin at maximum cruise altitude

### TECHNOLOGY HIGHLIGHTS:

Clean-sheet design  
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

CREW+STANDARD PAX/MAX. PAX: 2+8/12



## LEGACY® 650E BY EMBRAER

### PERFORMANCE:

Range (4 pax, NBAA reserves): 3,900 nm  
High-speed cruise: M 0.80  
M<sub>MO</sub>: M 0.80  
Max. operating altitude: 41,000 ft  
Takeoff field length (MTOW, SL, ISA): 5,741 ft

### ENGINES:

Rolls Royce - AE3007A2 / 9,020 lb<sub>f</sub>

### AVIONICS:

Honeywell Primus Elite

### CABIN HIGHLIGHTS:

Three spacious cabin zones  
Fully reclining seats  
22 oversized windows  
Multiple cabin configurations  
IFE system compatible with portable electronic devices  
Fully equipped wet galley  
Largest baggage compartment in business aviation  
Low cabin noise  
Baggage compartment accessible in flight

### TECHNOLOGY HIGHLIGHTS:

Designed for high utilization and high availability  
Auto-throttle  
Synthetic vision system  
iPad EFB  
Low operating cost  
Steep-approach capability

CREW+STANDARD PAX/MAX. PAX: 2+13/14



## Lineage® 1000E BY EMBRAER

### PERFORMANCE:

Range (8 pax, NBAA reserves): 4,600 nm  
High-speed cruise: M 0.82  
M<sub>MO</sub>: M 0.82  
Max. operating altitude: 41,000 ft  
Takeoff field length (MTOW, SL, ISA): 6,076 ft

### ENGINES:

General Electric - CF34-10E7-B / 18,500 lb<sub>f</sub>

### AVIONICS:

Honeywell Primus Epic

### CABIN HIGHLIGHTS:

Five spacious cabin zones  
Three lavatories and stand-up shower (optional)  
Queen-size bed (optional)  
Highly customizable cabin  
Complete audio and entertainment systems  
IFE system compatible with portable electronic devices  
Fully equipped wet galley  
Largest baggage compartment in class  
Baggage compartment accessible in flight

### TECHNOLOGY HIGHLIGHTS:

Fly-by-wire technology  
Designed for high utilization and high availability  
Central maintenance computer  
Intuitive interface with cursor control device  
Steep-approach capability  
Operation in restrictive airports

CREW+STANDARD PAX: 2/3+13/19

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