



PRAETOR[®] 600E

BY EMBRAER

THE ULTIMITE EXPERIENCE IN BUSINESS AVIATION

PRAETOR® 500E BY EMBRAER

MIDSIZE

Passengers: 9
3,340nm

PHENOM® 100EX BY EMBRAER

ENTRY-LEVEL

Occupants: 8
1,178nm

PHENOM® 300E BY EMBRAER

LIGHT

Occupants: 11
2,010nm

PRAETOR® 600E BY EMBRAER

SUPER-MIDSIZE

Passengers: 12
4,018nm



DIFFERENT BY DESIGN, DISRUPTIVE BY CHOICE



COMFORT

Where Comfort Goes Beyond Range
Exclusive Smart Window™ 42-inch 4K Oled
Exclusive In-Flight Entertainment
Electrically Assisted Seats



PERFORMANCE

London - New York
direct flight capability

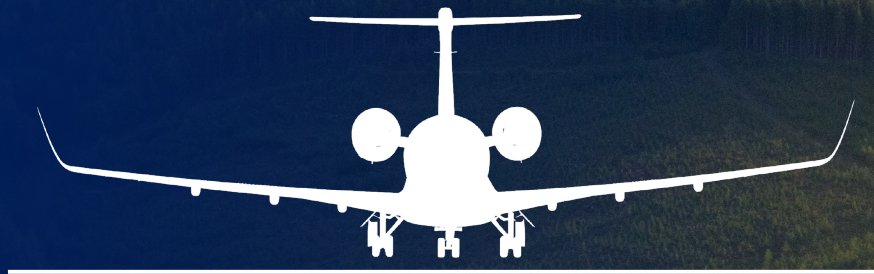
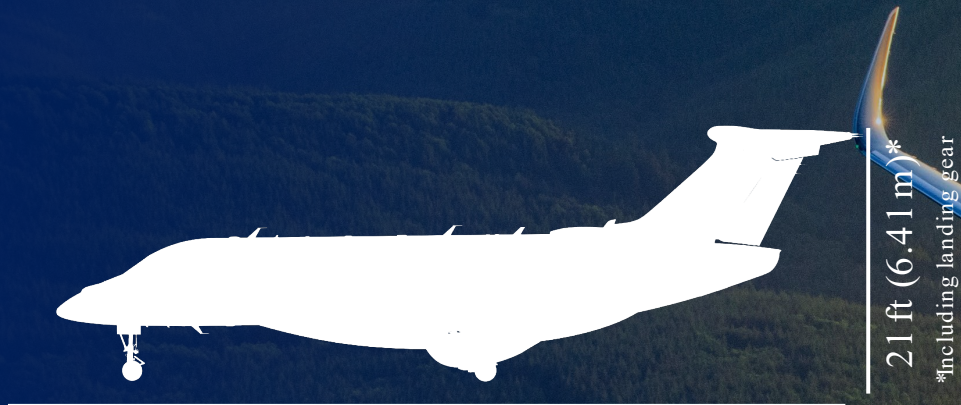
Best range & runway
performance in the segment



TECHNOLOGY

Industry-Leading Technology
in the Super Midsize Segment:
Full Fly-by-Wire
ROAAS
Active Turbulence Reduction

EXTERNAL DIMENSIONS



BEST CABIN COMFORT IN THE SEGMENT

Layout flexibility to fit your needs



Specifications

Cabin Height	6 ft 0 in (1.83 m)
Cabin Width	6 ft 10 in (2.08 m)
Standard Pax	8
Max Pax	12



Configurations

1	Wet Galley
2	Side Facing Seat, Crew Lavatory, Shelves or Observer Seat
3	Double Club, 3 Place Divan (RHS), or 2 nd 3 Place Divan
4	Belted Lavatory
5	Internal Baggage (35 ft ³)

REDEFINING THE SUPERMIDSIZE EXPERIENCE

Bringing what feels like a third zone to a two -zone jet.

- Versatility & innovation exclusive to the Praetor 600 E
- Divan with four different position options, including lounge and berthing capability
- 3 external cameras projected on the monitors (side and bottom views)
- Additional larger 22" and 24" bulkhead monitors
- Multiple experiences in one space: hub for meetings, family time, or immersive entertainment

UNBEATABLE CARRYING CAPACITY

The largest baggage compartment of its class

INTERNAL BAGGAGE COMPARTMENT:

35 ft³ (1.0 m³)

- Equivalent to a large SUV trunk
- Fits 9 carry-on bags
- Removable shelving

Additional 10 ft³ (0.1 m³) of cabin stowage space

EXTERNAL BAGGAGE COMPARTMENT:

110 ft³ (3.1 m³)

- Integrated ladder
- Space for larger and bulky items

TOTAL 155 FT³ BAGGAGE CAPACITY



MORE AIR IN YOUR CABIN

Best cabin pressurization at any altitude in class, 100% fresh air combined with HEPA filter



Scientific studies prove the higher prevalence of discomfort/fatigue **at altitudes above 6,500 ft**



CABIN ALTITUDE

5,800 ft @ 45,000 ft

4,800 ft @ 41,000 ft

ASPEN 7,820 FT

Air Management: 100% fresh air or 100% recycled in 3 minutes

HEPA Filter: filter 99.97% of particles

UNMATCHED PERFORMANCE



RANGE

4,018 nm (7,441 km)

LRC, 4 pax, NBAA 200 nm reserves

3,719 nm (6,888 km)

M.80, 4 pax, NBAA 200 nm reserves



PAYLOAD

4,001 lb (1,815 kg)

Maximum Payload

2,194 lb (995 kg)

Payload Full Fuel



LANDING DISTANCE

2,165 ft (660 m)

Unfactored, 4 pax, NBAA 200 nm, SL, ISA



TAKEOFF DISTANCE

4,436 ft (1,352 m)

Full Fuel, 4 pax, Sea Level, ISA

4,717 ft (1,438 m)

MTOW, Sea Level, ISA



SPEED

M 0.83

MMO - Maximum Operating Mach

M 0.82

High Speed Cruise



CLIMB

45,000 ft (13,716 m)

Maximum Operating Altitude

RANGE CIRCLE



Mission details: 4 passengers at 200 lb (91 kg) each, LRC, 85% annual takeoff temperature, 3% airways allowance, baseline aircraft, 85% annual winds, ISA en-route, NBAA IFR reserves with 200 nm alternate

THE BEST PILOT EXPERIENCE

STATE-OF-THE-ART

Pro Line Fusion® - Collins Aerospace

- Dark and quiet philosophy
- Ergonomics and space reduce crew fatigue
- Two pilot tables
- Runway overrun awareness and alerting system (ROAAS)
- Cockpit display of traffic information (CDTI/ADS -B IN)
- Predictive windshear
- Paperless operations
- Reduced workload with short checklists
- E²VS
- Inertial reference system (IRS)
- Autothrottle
- Synthetic vision guidance system (SVGS) for credits: reduced decision height to 150 ft



ENGINE

Honeywell HTF7500E

- On-condition maintenance
- Evolution of the proven HTF7000 series
- Efficient engines: greenest in its class and quietest in the market
- Designed for easy maintenance and high dispatch reliability

MANUFACTURER

HONEYWELL

Flat Rating (ISA+°C)

18

Max Thrust, Each (lb_f)

7,528

Inspection Interval

On condition

MAINTENANCE TASK INTERVALS OF 750 FH OR 12 MONTHS



**MSG-3 LOW
INTERVENTION
PHILOSOPHY**



OMS (ON-BOARD MAINTENANCE SYSTEM)

- Quick fault location
- Ease troubleshooting



**HIGH UTILIZATION
DESIGN DRIVERS**



**ERGONOMIC ACCESS TO COMPONENTS
TO EXPEDITE MAINTENANCE AND
MAXIMIZE AVAILABILITY**



**SOLUTIONS FOR QUICKER
AND EASIER MAINTENANCE**

- Engine oil level displayed on cockpit
- Smartprobes
- High reliability LED external lights
- Fuel pumps easily replaced without need to defuel aircraft



**FLY-BY-WIRE AIRCRAFT: LESS DOWNTIME FOR
TASKS RELATED TO FLIGHT CONTROL SYSTEM**

EMBRAER RANK 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, 20 18

PROFESSIONAL PILOT

2025 - #2 Overall

2024 - #1 Overall

2023 - #1 Overall

2022 - #2 Overall

2021 - #1 Overall

2020 - #1 Overall

WARRANTY

Complete warranty coverage – labor and parts included

WARRANTY ITEM	COVERAGE
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Primary Structure Guarantee*	10 years or 10,000 FH
Embraer Airframe and Components	5 years
Vendor Components	5 years
APU	5 years or 3,000 APUH
Avionics	5 years
Engines	5 years or 3,000 FH
Paint	2 years
Interior	2 years

* Primary Structure is considered as the fuselage, wings, pylon and empennage, excluding the flight control surfaces.





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