

Rethink Convention.

 **EMBRAER**
Executive Jets



LINEAGE 1000E



WE BRING YOU THE LUXURY OF ROOM TO SPARE. MAKE OF IT WHAT YOU WILL.

Our ultra-large Lineage 1000E offers five cabin zones in hundreds of configurations. That's true versatility — a challenge to convention made all the more compelling by low acquisition and operating costs, and the capacity to negotiate restrictive airports (Teterboro, Aspen, London City) as well as flights within an extended-range capacity of 4,600 nm.

Within the volume of its 84-ft-long by 6-ft-7-in-high cabin, you can tailor your flight experience to your mission needs — whether working, dining, relaxing, or sleeping. The optional master suite features a walk-in shower and a large bed. Food and beverage service standards are elevated by a fully equipped two-sided galley. And the 323-cu-ft walk-in baggage compartment — complemented by a 120-cu-ft external compartment — is the largest in business aviation.

This spacious setting — 2.5 times larger than that of an ultra-long-range jet — is further enhanced by the fully digital Honeywell Ovation® Select cabin management system, which offers passengers a broad range of cabin entertainment, control and integrated communications that maximize in-flight comfort and productivity. In the fly-by-wire cockpit, a Honeywell Primus Epic avionics system reduces pilot workload while enhancing safety, handling, and performance.

Exceptional reliability has been established by millions of flight hours logged on the Lineage 1000E and E-Jets platform, which features GE engines with high fuel efficiency and a modular design for efficient replacement of components. In fact, the Lineage 1000E boasts operating costs comparable to much smaller ultra-long-range jets. All of which adds up to luxury for less.

01

*Fly-by-wire
flight controls*

02

Five cabin zones

03

*The largest walk-in baggage
compartment in the market*

04

*Access to key airports:
Teterboro, Aspen and
London City*

05

*20% lower operating costs
than similar competitors*

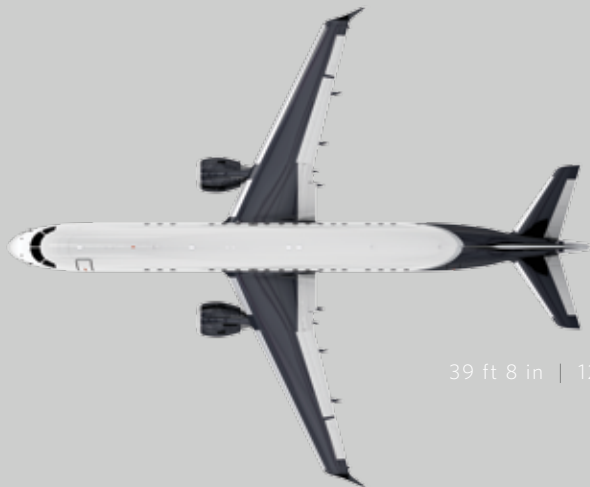
94 ft 3 in | 28.72 m



118 ft 11 in | 36.24 m



34 ft 8 in | 10.57 m



39 ft 8 in | 12.08 m

With five cabin zones that can be configured into a multi-cabin lounge, dining area and even a master suite complete with queen-size bed and walk-in shower, you can design your ultimate home away from home.

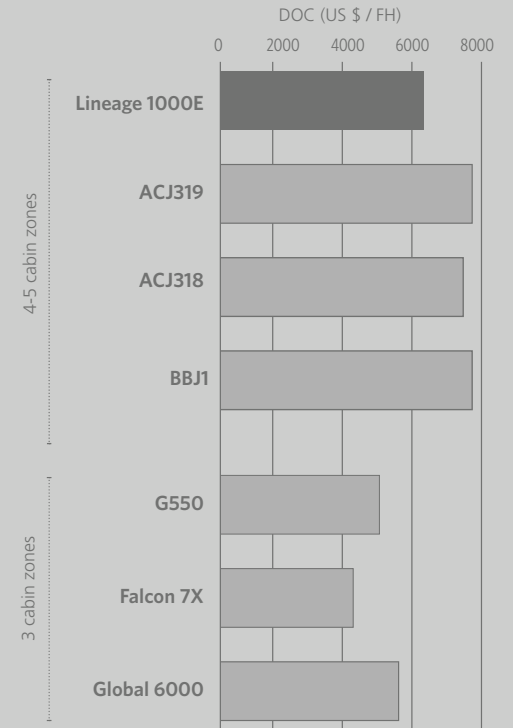
PERFORMANCE DATA

Range @ 8 pax (M 0.78, NBAA IFR res.)	4,600 nm / 8,519 km
Range @ 8 pax (HSC, NBAA IFR res.)	4,440 nm / 8,223 km
High Speed Cruise	472 kt / 874 km/h
Maximum Operating Speed	M 0.82
TOFL (MTOW, SL, ISA)	6,076 ft / 1,852 m
Landing Distance (MLW, SL, ISA)	2,450 ft / 747 m
Maximum Payload	9,625 lb / 4,366 kg
Maximum Operating Altitude	41,000 ft / 12,497 m
Engine Thrust (each)	18,500 lbf / 82.292 N
Avionics	Honeywell Primus Epic™
Cabin Volume	4,085 cu.ft / 115.7 cu.m
Total Baggage Capacity	443 cu.ft / 12.54 cu.m
Maximum Executive Configuration	19 seats
Typical Executive Configuration	13 seats

LINEAGE 1000E

SPECIFICATIONS

DIRECT OPERATING COST (DOC)



Source: Conklin & de Decker - The Aircraft Cost Evaluator 2013

Operating costs comparable to much smaller ultra-long-range jets



Cabin 2.5 times larger than an ultra-long-range jet



AVIONICS — HONEYWELL PRIMUS EPIC™

- Standard avionics meet all requirements for global operations
- Reliability proven by more than fifteen million hours of flight time on the Lineage 1000E and E-Jets' airframes
- Fly-by-wire flight controls: roll, pitch, yaw
- Category IIIa capable
- Dual Cursor Control Devices (CCD)
- RNP AR 0.3
- Enhanced Ground Proximity Warning System (EGPWS)
- Windshear detection
- Runway Awareness and Advisory System (RAAS)
- Dual FMS, including:
 - Worldwide database capability
 - Vertical Glide Path Mode
 - Coupled LNAV / VNAV
- Communication Management Function
- ACARS with 3rd VHF Modes
- Lightning Sensor System
- Class 2 Electronic Flight Bag
- 2nd Radio Altimeter System
- Dual Multifunctional Control and Display Unit (MCDU)
- Smart Probes
- Dual HF and VHF systems
- Autoland option
- E2VS — Embraer Enhanced Vision System:
Head Up Display (HUD) with Enhanced Vision System (EVS)

Some features are optional.



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