Rethink Convention.

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 a range of 4,600 nm.

Within the expanse 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.
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
- E’VS — Embraer Enhanced Vision System:
  - Head Up Display (HUD) with Enhanced Vision System (EVS)

Some features are optional.
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 at 8 passengers (M 0.78, NBAA IFR reserves)**: 4,600 nm / 8,519 km
- **Range at 8 passengers (HSC, NBAA IFR reserves)**: 4,440 nm / 8,223 km
- **High Speed Cruise**: 472 kt / 874 km/h
- **$M_\text{MO}$**: 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**: 9,921 lb / 4,500 kg
- **Maximum Operating Altitude**: 41,000 ft / 12,497 m
- **Engine Thrust / Flat Rating**: 18,500 lb / ISA + 15°C
- **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)**

- **Lineage 1000E**
- **ACJ319**
- **ACJ318**
- **BBJ1**
- **G550**
- **Falcon 7X**
- **Global 6000**
- **G650**

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

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