
Lineage® 1000E
BY EMBRAER
EMBRAER
Executive Jets











INNOVATION

The Lineage 1000E is the epitome of luxury. With five distinct cabin zones, you can tailor your flight experience to suit you. Dozens of modules can be combined throughout the five zones, creating hundreds of possible configurations.

COMFORT

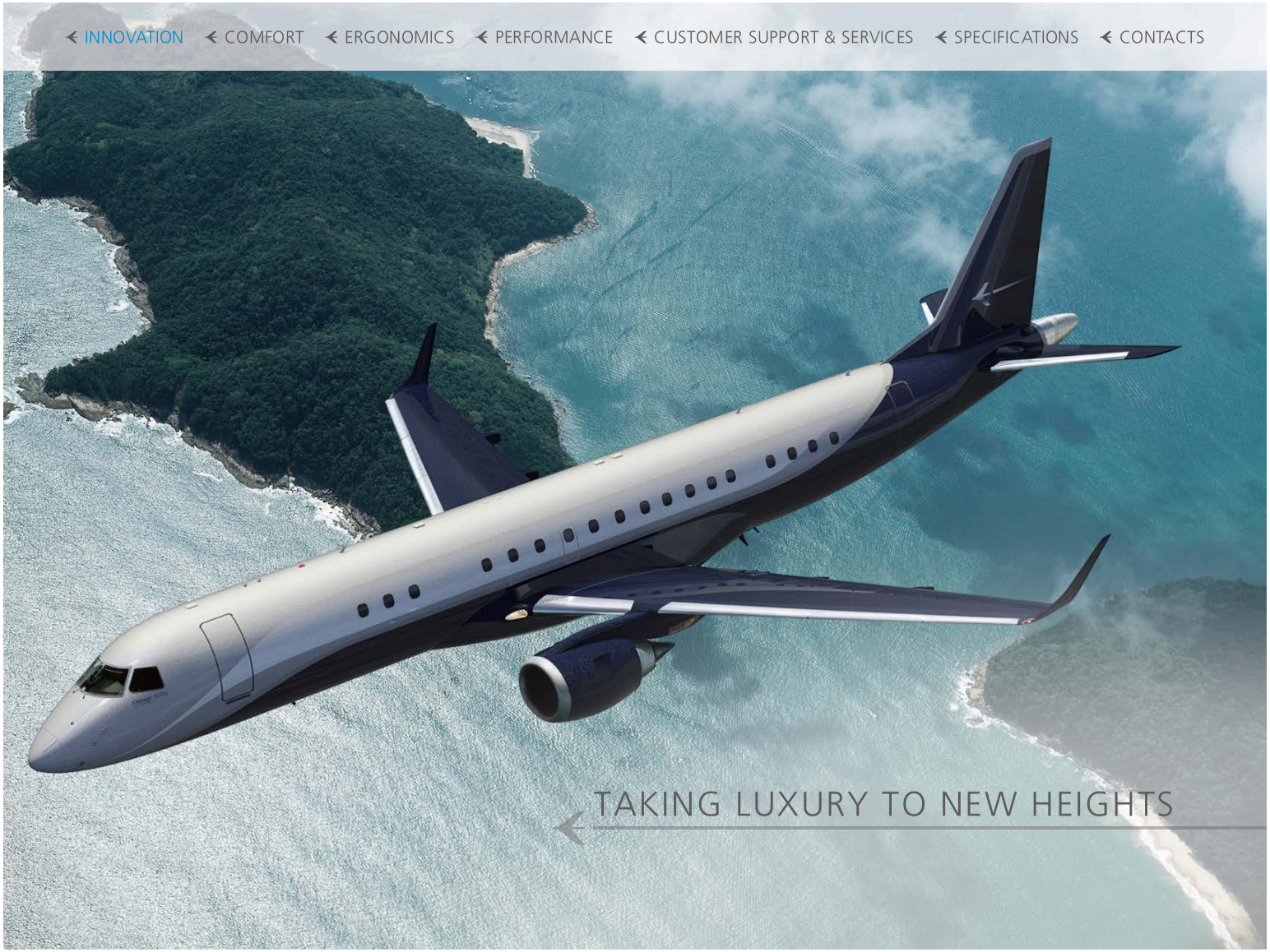
Create your home away from home. Whether you're working, dining, relaxing or sleeping, there are five luxury areas you can style to suit your needs. For the ultimate indulgence, your master suite has the option for a walk-in shower and queen size bed.

ERGONOMICS

To ensure an unrivaled experience, every aspect of the Lineage 1000E is created around you. From the Honeywell Ovation Select™ cabin management system to the largest walk-in in-flight accessible baggage compartment of any executive jet in the world, we've thought of everything, for you.

PERFORMANCE

With new refinements to the aerodynamics and reduced weight, the increased flight range of this ultra-large jet goes above and beyond. In addition to the freedom to fly longer distances, it is even capable of operating into the most restrictive airports such as London City, Teterboro and Aspen.

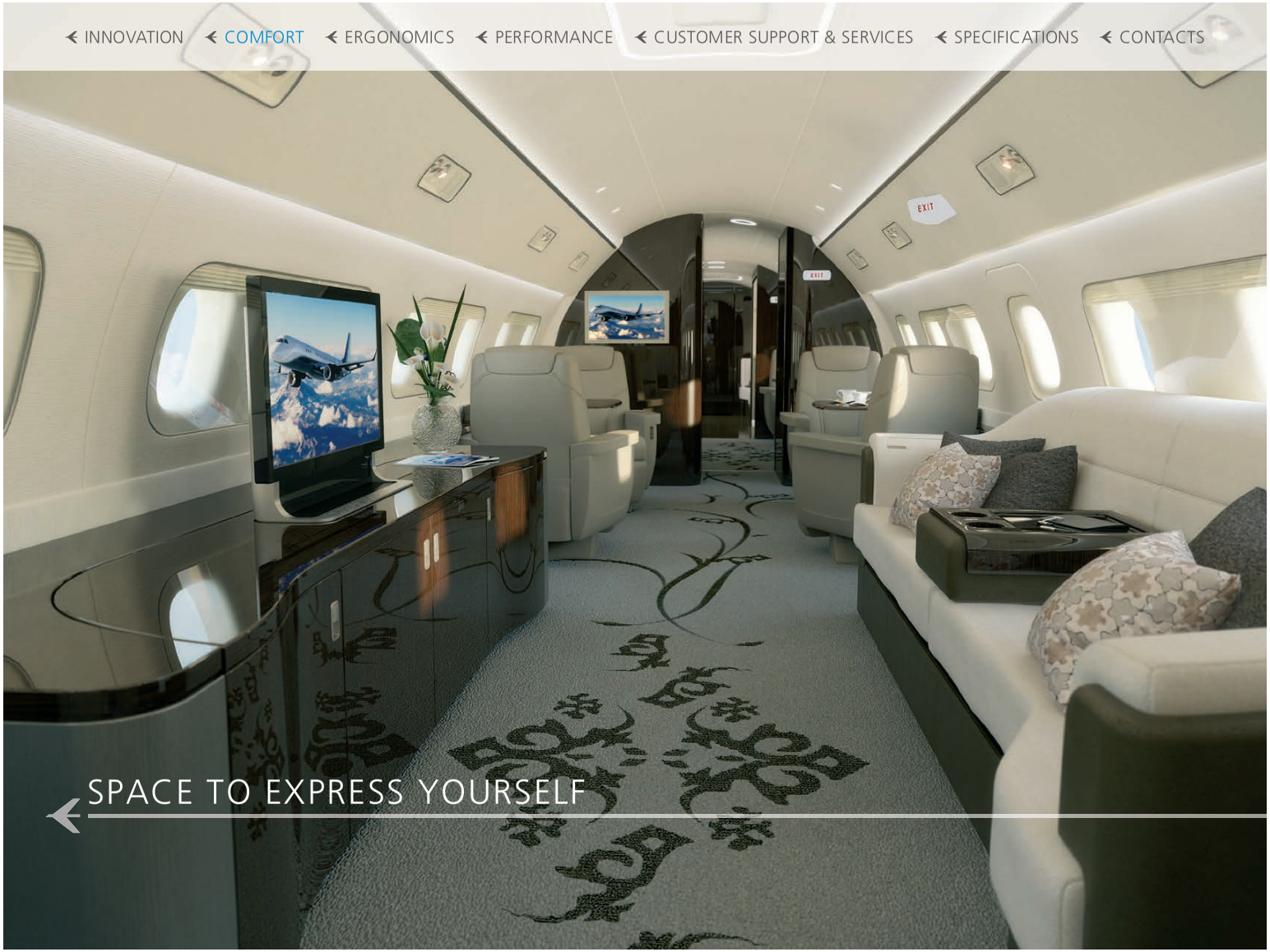


TAKING LUXURY TO NEW HEIGHTS

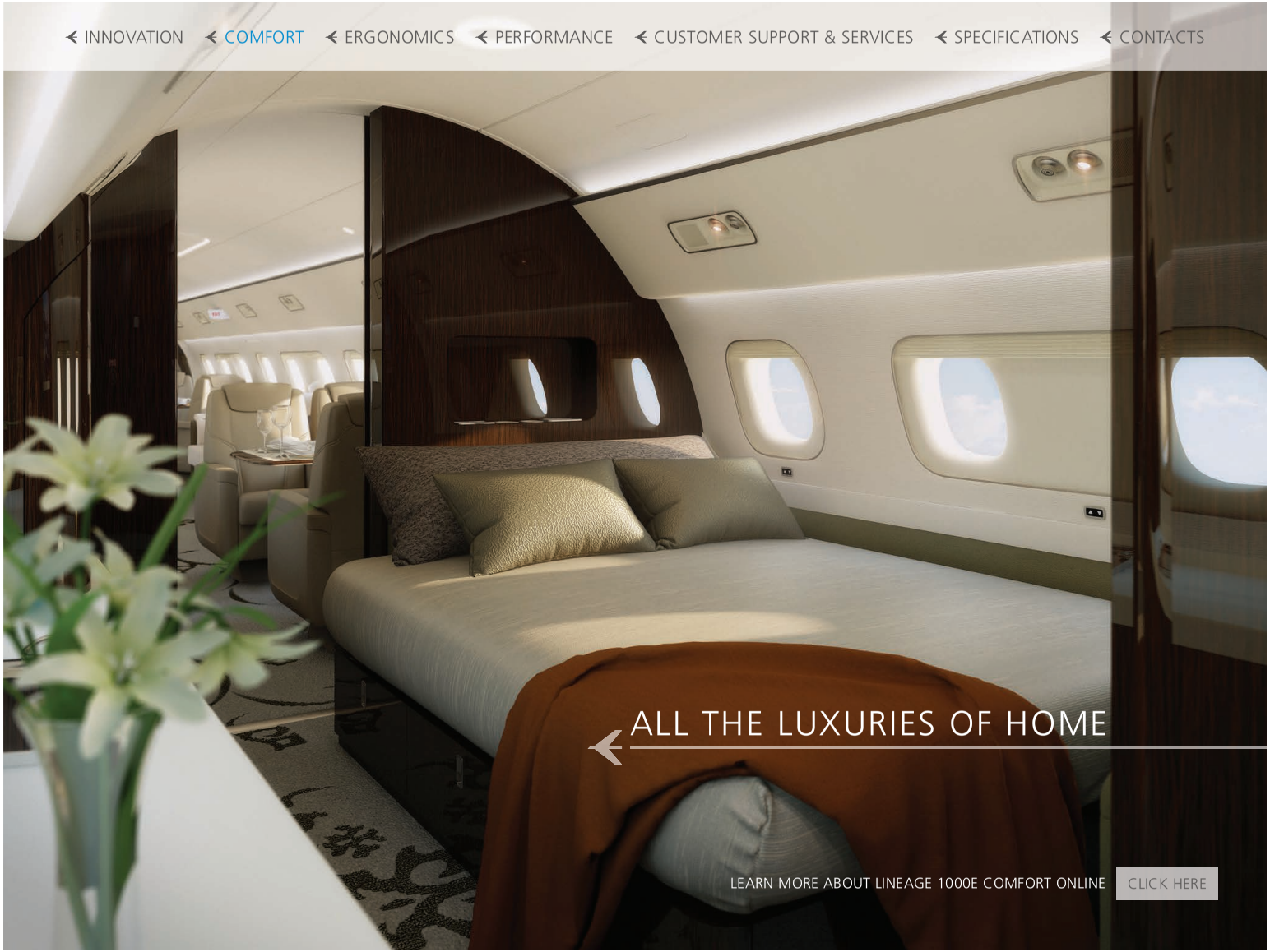
INNOVATION FROM COCKPIT TO CABIN



LEARN MORE ABOUT LINEAGE 1000E TECHNOLOGY ONLINE CLICK HERE

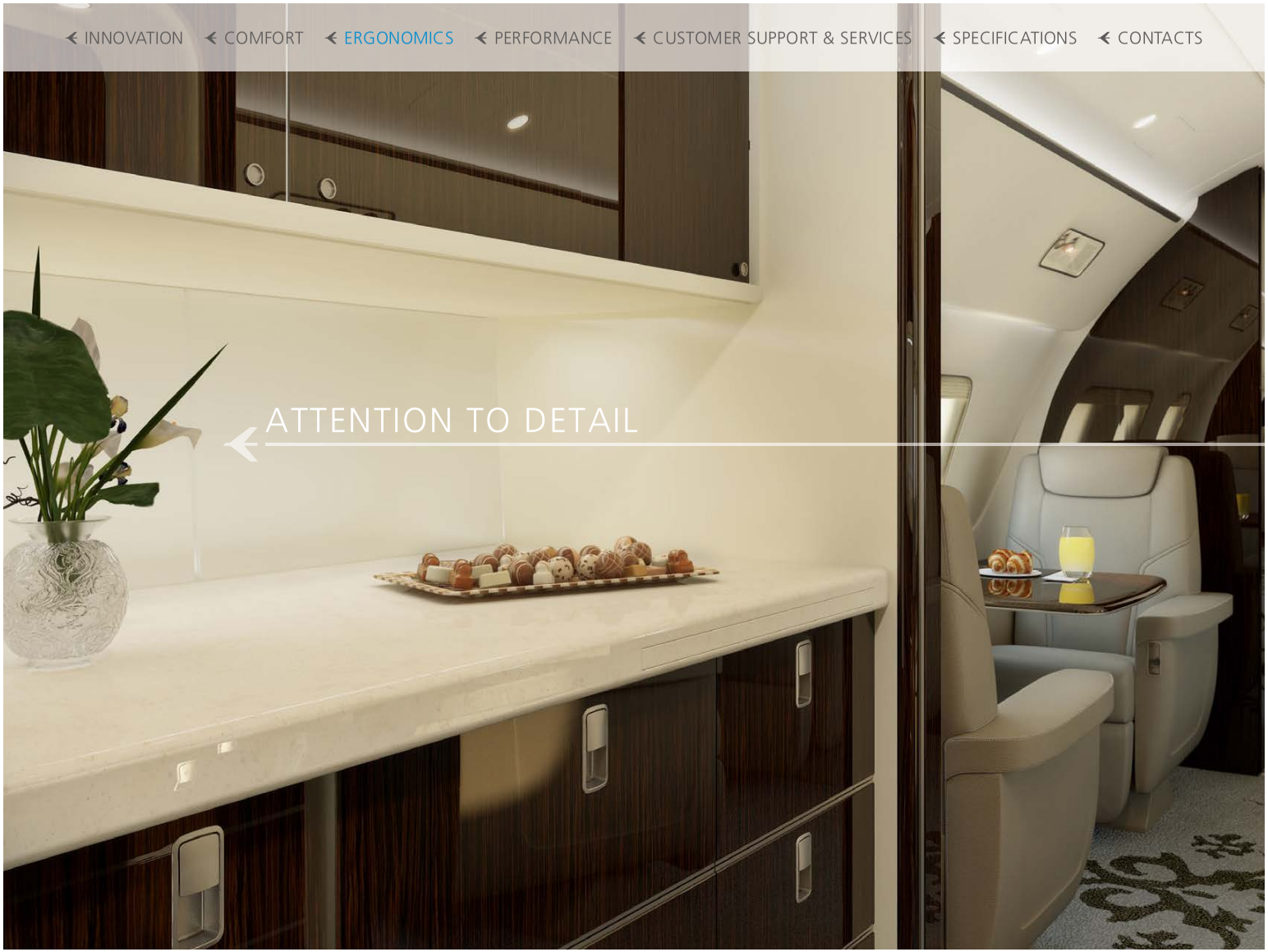


SPACE TO EXPRESS YOURSELF



ALL THE LUXURIES OF HOME

LEARN MORE ABOUT LINEAGE 1000E COMFORT ONLINE CLICK HERE



ATTENTION TO DETAIL



COMFORT WITHOUT COMPROMISE

LEARN MORE ABOUT LINEAGE 1000E ERGONOMICS ONLINE CLICK HERE

PERFORMANCE THAT GOES FURTHER





ENGINEERED PERFORMANCE

LEARN MORE ABOUT LINEAGE 1000E PERFORMANCE ONLINE CLICK HERE

AT YOUR SERVICE



Global distribution of Embraer Executive Jets owned and authorized service centers

EMBRAER EXECUTIVE JETS OWNED SERVICE CENTER AUTHORIZED SERVICE CENTER PARTS DISTRIBUTION CENTER

VIEW EMBRAER EXECUTIVE JETS SERVICE CENTER NETWORK ONLINE CLICK HERE

Lineage® 1000E
BY EMBRAER

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
Baggage Compartment Volume	443 cu.ft / 12.54 cu.m
Maximum Executive Configuration	19 seats
Typical Executive Configuration	13 seats





AVIONICS – HONEYWELL PRIMUS EPIC™

- Standard avionics meet all requirements for global operations
- Reliability proven by more than five million hours of flight time on the Lineage 1000E and E-Jets' airframes
- Fly-by-wire flight controls: roll, pitch, yaw
- Category II approach certified
- 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.

SUPERIOR HONEYWELL OVATION SELECT™ CABIN MANAGEMENT SYSTEM

- Full HD system with surround sound
- Up to four Blu-ray players and auxiliary inputs for HDMI, VGA, composite and USB interfaces
- Up to two iPod / iPhone docking stations
- Up to five full HD LCD, up to 24", 32" and 42"
- XM Radio with 4 independent channels (US only)
- JetMap® high-resolution 3D moving map
- Touchscreen PCUs at each seat
- Media Center for 3rd cabin zone
- Additional Cabin Management System control available through iPad app

DINING AND MEETING ROOM ENCLOSED BY TWO POCKET DOORS FOR PRIVACY

SPACIOUS AND FULLY EQUIPPED GALLEY

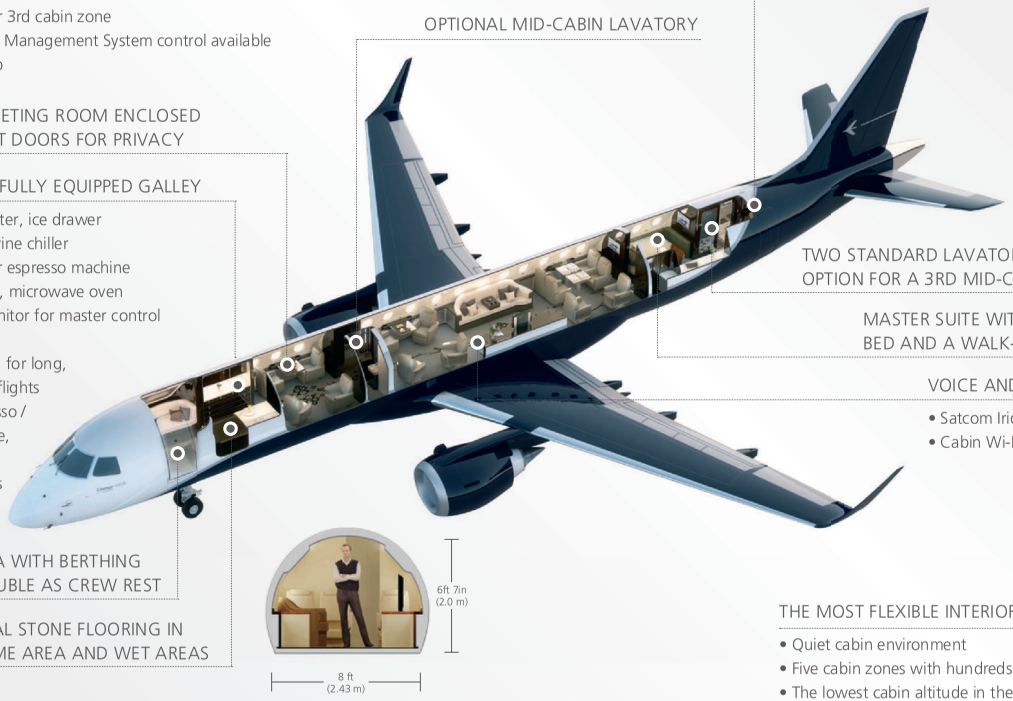
- Cold and hot water, ice drawer
- Refrigerator or wine chiller
- Coffee brewer or espresso machine
- Convection oven, microwave oven
- Touchscreen monitor for master control of cabin systems
- Spacious enough for long, intercontinental flights
- Optional Nespresso / espresso machine, wine chiller, convection ovens

WELCOME AREA WITH BERTHING DIVAN CAN DOUBLE AS CREW REST

OPTIONAL STONE FLOORING IN WELCOME AREA AND WET AREAS

THE LARGEST IN-FLIGHT ACCESSIBLE BAGGAGE COMPARTMENT IN EXECUTIVE AVIATION – 323 FT³ (9.1 M³)

OPTIONAL MID-CABIN LAVATORY



TWO STANDARD LAVATORIES WITH OPTION FOR A 3RD MID-CABIN LAVATORY

MASTER SUITE WITH A QUEEN-SIZE BED AND A WALK-IN SHOWER

VOICE AND CONNECTIVITY

- Satcom Iridium
- Cabin Wi-Fi

THE MOST FLEXIBLE INTERIOR

- Quiet cabin environment
- Five cabin zones with hundreds of possible layouts
- The lowest cabin altitude in the ultra-large segment: 7,000 ft

FLY-BY-WIRE

- The Lineage 1000E is one of the first aircraft with this technology in executive aviation
- Replaces conventional mechanical links between flight deck controls and flight control surfaces
- Complete envelope protection in all phases of flight
- Other advantages include weight savings, improved performance, reduced crew workload, smoother flight and increased pilot control

EXTERNALLY SERVICED LAVATORIES

- Both aft and optional forward lavatory feature external servicing



QUIET OPERATION

- Surpasses the most rigorous noise requirements

MORE RELIABILITY WHEREVER YOU FLY

- Designed for maintainability, high reliability and high utilization
- Proven and reliable platform with more than five million hours flown
- Can operate in restrictive airports such as London City, Teterboro and Aspen

GE ENGINES – CF34-10E7-B

- High fuel efficiency with low carbon emissions
- High reliability: derivative components, proven technology, full propulsion system integration
- On-condition maintenance
- Modular design: easy replacement of major assembly and components
- 18,500 lbf of maximum thrust per engine
- ISA + 15°C Flat Rating

BRAKES

- Brake-by-wire
- Carbon brakes
- Autobrake function

SMARTPROBES™

- Combines multi-function probe and air data computer calculations done at the probe
- Eliminates pneumatic tubing, pressure lag, pressure checks on flight line and angle of attack sensor
- Easier maintenance and replacement, reduced size and power requirements



NEW YORK



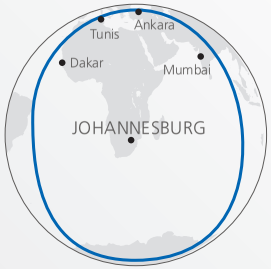
SÃO PAULO



MUMBAI



SINGAPORE



JOHANNESBURG



LONDON



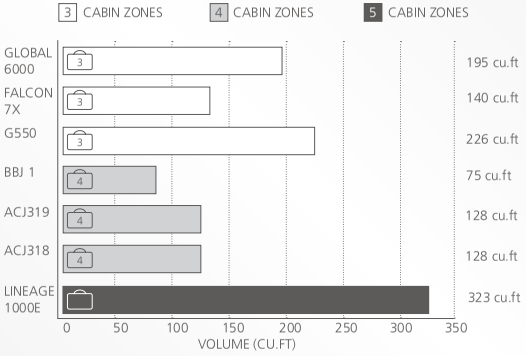
BEIJING



DUBAI

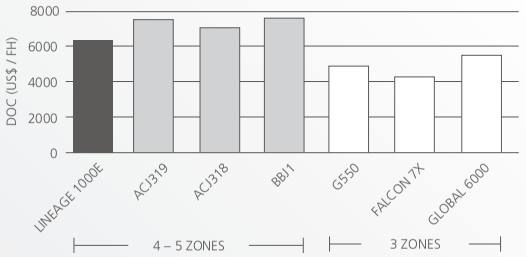
RANGE

INTERNAL BAGGAGE VOLUME



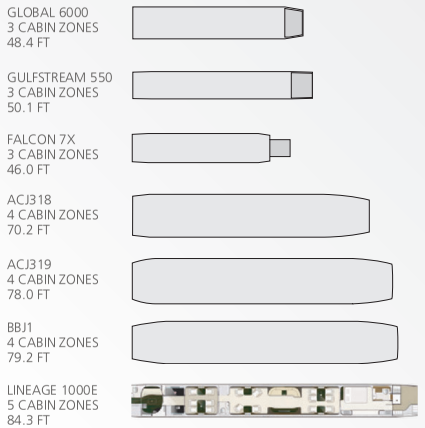
Source: Conklin & de Decker – The Aircraft Cost Evaluator Vol. 1 2010 Ver. 4.9.0

DIRECT OPERATING COST (DOC)



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

CABIN LENGTH



Conklin & de Decker – Aircraft Comparator 2009/2010; OEM websites and advertising material

GREATEST OPERATIONAL FLEXIBILITY AMONG ULTRA-LARGE JETS

AIRPORTS	LINEAGE 1000E	BBJ1	ACJ319	ACJ318
LONDON CITY	•			•
TETERBORO	•			
ASPEN	•			

SEE THE DIFFERENCE



Dozens of modules can be combined throughout the five zones creating hundreds of different configurations. In addition, there are also an extensive number of materials available for you to personalize your aircraft to suit your own individual taste.

A FLOOR PLAN WITH HUNDREDS OF POSSIBILITIES

LATIN AMERICA
Tel.: +55 11 3469 4121
Fax: +55 12 3927 8468

U.S., CANADA & CARIBBEAN
Tel.: +1 954 359 5387
Fax: +1 954 359 4724

EUROPE, CIS & AFRICA
Tel.: +44 1252 379 270
Fax: +44 1252 379 271

MIDDLE EAST
Tel.: +9714 428 0682
Fax: +9714 428 0681

ASIA PACIFIC
Tel.: +65 6734 4321
Fax: +65 6734 8255

CHINA
Tel.: +86 10 6598 9988
Fax: +86 10 6598 9986

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