

Lineage 1000[®]

BY EMBRAER

SPECIFICATION



IT'S WHERE YOU WANT TO BE

A JET THAT OFFERS MORE

The Lineage 1000 is an ultra large aircraft with space, luxury and style in abundance. So you can have everything you expect. And more.

GENERAL DATA

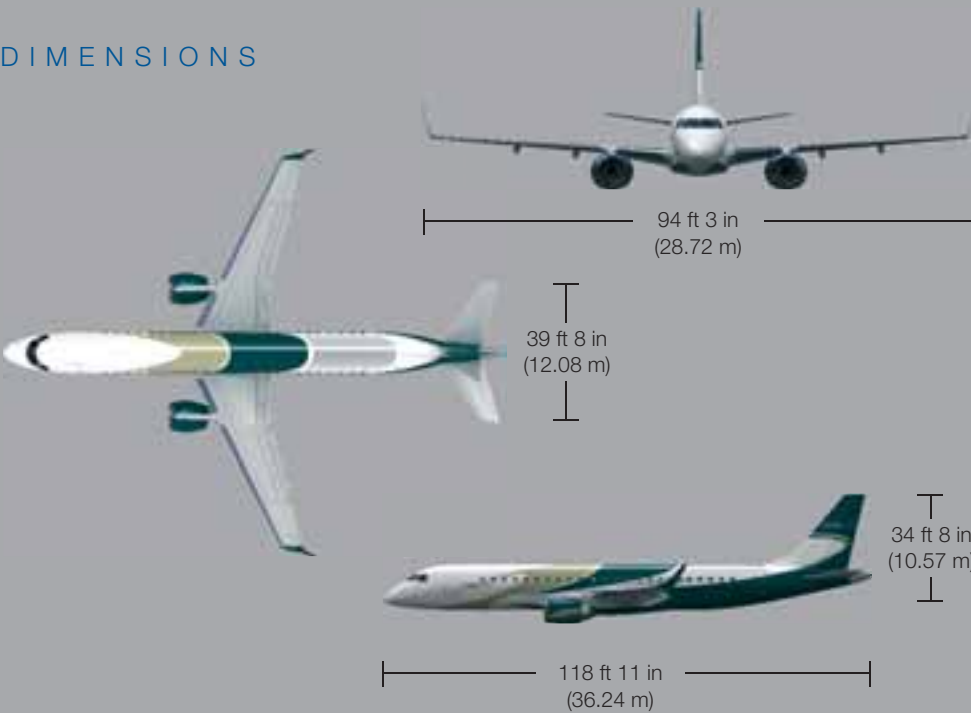
Range @ 4 pax (M 0.78, NBAA IFR res.)	4,500 nm	8.334 km
Range @ 8 pax (M 0.78, NBAA IFR res.)	4,400 nm	8.149 km
Maximum Operating Speed	M 0.82	
Maximum Ceiling	41,000 ft	12,497 m
High Speed Cruise	470 kt	870 km/h
Landing Distance (MLW, SL, ISA)	2,664 ft	812 m
Takeoff Distance (MTOW, SL, ISA)	6,135 ft	1,870 m
Engine Thrust (each)	18,500 lbf	82.292 N
Cabin volume	4,085 cu.ft	115.7 cu.m
Baggage compartment volume	443 cu.ft	12.54 cu.m
Internal baggage compartment	323 cu.ft	9.14 cu.m
External baggage compartment	120 cu.ft	3.40 cu.m
Maximum executive configuration	19 seats	
Typical executive configuration	13 seats	



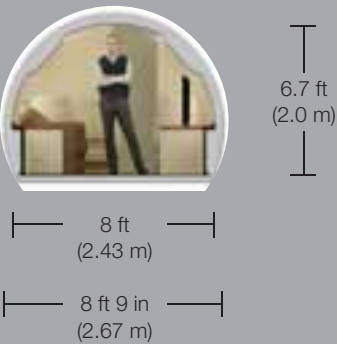
THE ULTIMATE IN LUXURY

When we created the interior of the Lineage 1000, we wanted to make it a home away from home. With five distinct cabin zones there's space for a business corner, a lounge and a secluded rear cabin with a queen-size bed and shower. It also has the largest walk-in in-flight accessible baggage compartment of any executive jet in the world.

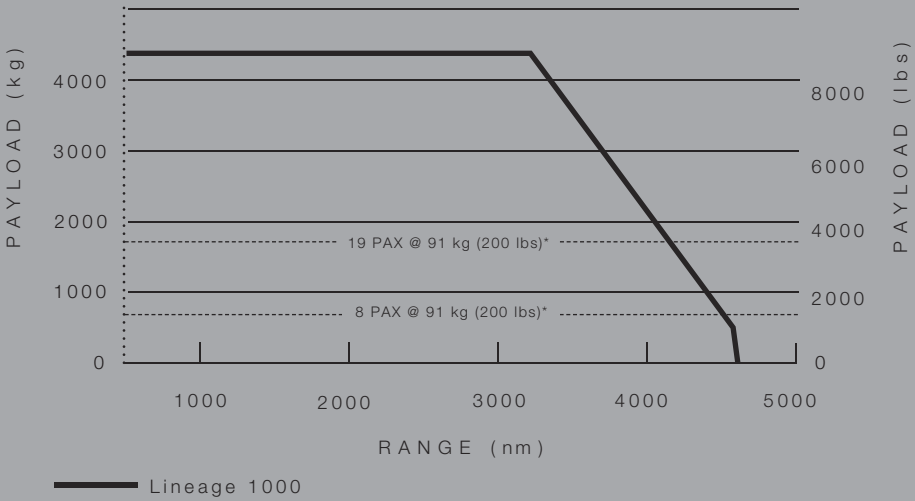
DIMENSIONS



CROSS SECTION



PAYLOAD VS. RANGE



M 0.78, ISA, Sea Level, NBAA IFR reserves, 2 pilots and 1 flight attendant @ 200 lb

TYPICAL INTERIOR CONFIGURATION



A FLOOR PLAN WITH HUNDREDS OF POSSIBILITIES

Dozens of modules can be combined throughout the zones for creating hundreds of different configurations. There are also a huge amount of possibilities available in terms of materials.



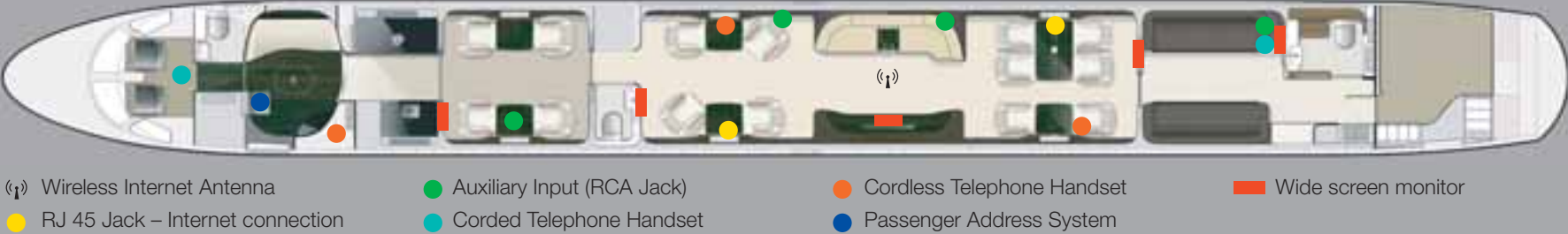
AVIONICS*

- Advanced avionics suite: Honeywell Primus Epic
- Fly-by-wire controls
- Category II certified
- RNP 0.3
- SmartProbes™
- Dual FMS features:
 - Worldwide database capability
 - Vertical Glide Path Mode
 - Coupled LNAV / VNAV
- Dual VHF and HF communication systems
- Dual Multifunctional Control and Display Unit (MCDU)
- 2nd Radio Altimeter
- ACARS with 3rd VHF mode 2
- Class 2 Electronic Flight Bag
- Lighting Sensor System (LSS)

ENTERTAINMENT AND OFFICE FACILITIES*

- LCD displays up to 42"
- Satellite TV & Radio
- High Speed Internet connection worldwide
- Wi-Fi environment
- In-flight phone
- Satcom Iridium
- DVD, CD and MP3 connection
- Airshow 4000 moving map
- Cabin Management System:
 - Temperature
 - Lighting and window shading
 - Audio and Video

IN-FLIGHT ENTERTAINMENT



* Some items are optional.

TRAVEL FROM A TO B IN STYLE



NEW YORK



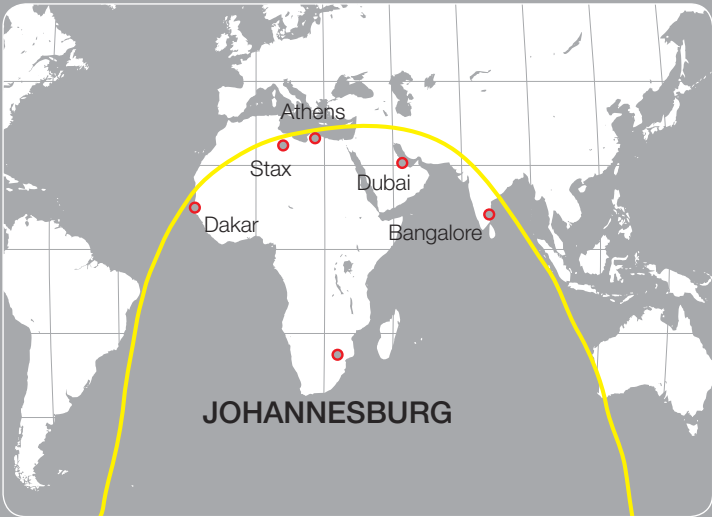
SÃO PAULO



MUMBAI



SINGAPORE



JOHANNESBURG



LONDON



BEIJING



DUBAI

* Mission Details: 8 Passengers @ 91 kg (200 lb) each; 85% Boeing Annual Winds; Great Circle Distance + 3%; Boeing airport temperature; M 0.78 NBAA IFR Reserves: 200 nm alternate airport + 35 min of holding @ 5,000 ft; flight time ~ 9 h 40 min.

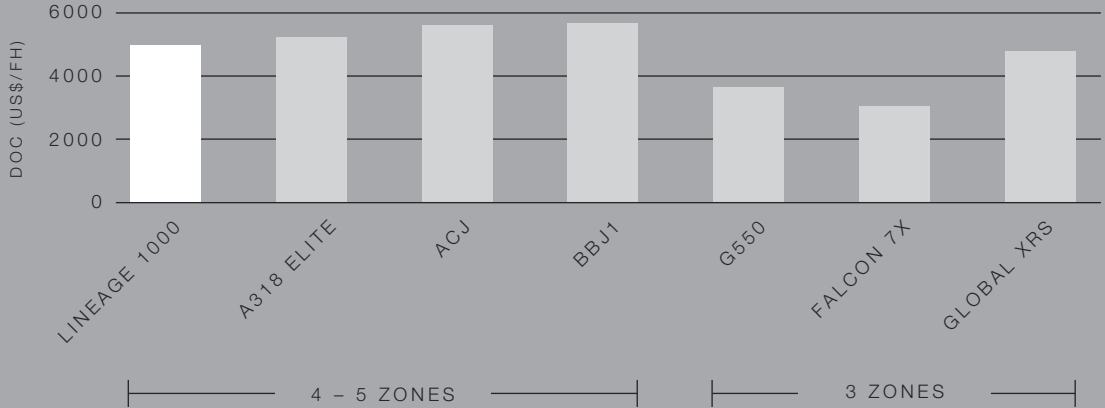
A PERFORMANCE TO BE ENJOYED

With the Lineage 1000 passengers can fly long distances in total comfort. And despite its size, you will be welcomed in even the most restrictive airports, such as London City, Teterboro and Aspen.

GREATEST OPERATIONAL FLEXIBILITY
AMONG ULTRA LARGE JETS

AIRPORTS	LINEAGE 1000	BBJ1	ACJ	A318 ELITE
LONDON CITY	✓	X	X	✓
TETERBORO	✓	X	X	X
ASPEN	✓	X	X	X

DIRECT OPERATING COST (DOC)

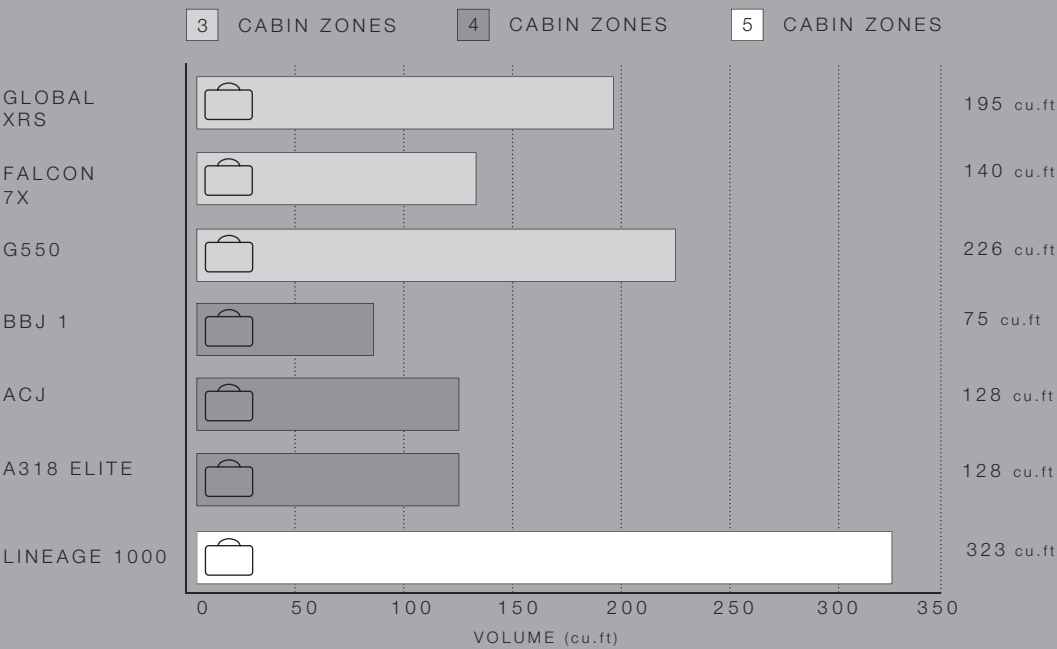


Source: Conklin & de Decker – The Aircraft Cost Evaluator Vol. 1 2010 Ver. 4.9.0



A WHOLE NEW DIMENSION OF SPACE

INTERNAL BAGGAGE VOLUME



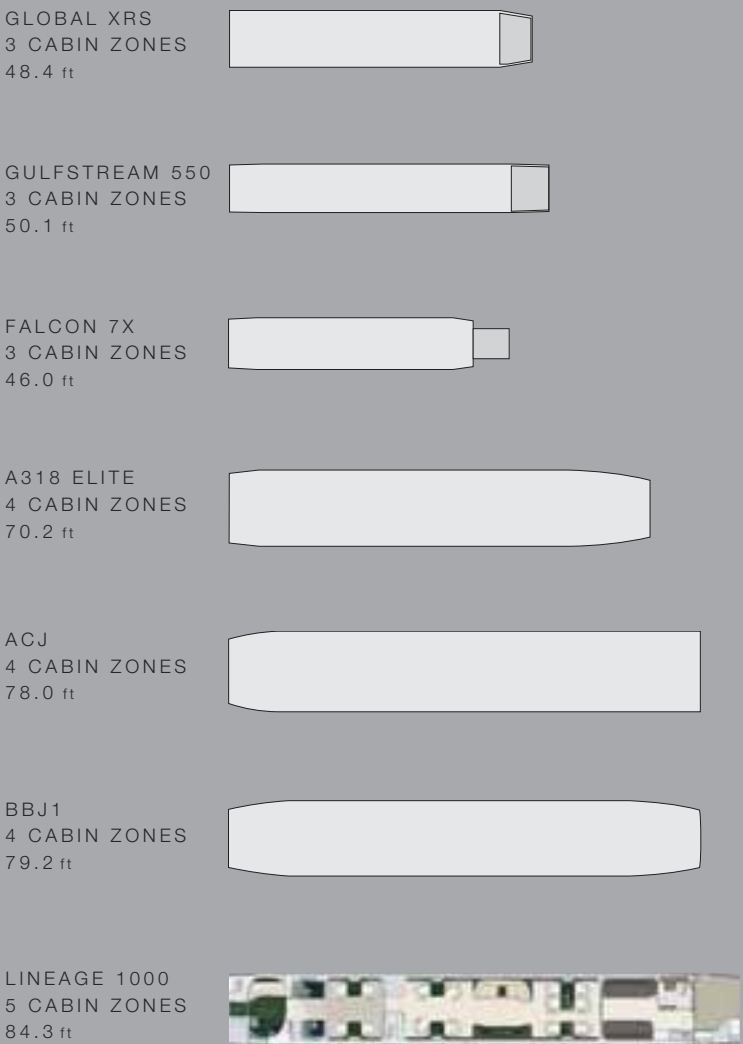
Source: Conklin & de Decker – The Aircraft Cost Evaluator Vol. 1 2010 Ver. 4.9.0

INTERIOR

Cabin length	84 ft 4 in	25.70 m
Cabin height	6 ft 7 in	2.00 m
Cabin width	8 ft 9 in	2.67 m



CABIN LENGTH



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

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