



## SPECIFICATIONS

# LINEAGE 1000

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SERIAL NUMBER 19000317

# AIRCRAFT EXECUTIVE SUMMARY



## A GREAT PEDIGREE

Sparfell & Partners is pleased to offer, for immediate sale, this immaculate 2011 Lineage 1000.

## EXECUTIVE SUMMARY

Aircraft Manufacturer	Embraer
Aircraft Type	Lineage 1000
Current Registration	N666GL
Serial Number	19000317
Year of Manufacture	2011
Airframe Total Hours*	1'840
Airframe Total Cycles*	576
Certification	FAA
Home Base	Xi'an Xianyang
Passenger Configuration	19 Seats
Berthable Configuration	3 Beds

\*as of October 2019

# AIRCRAFT HIGHLIGHTS



## IMMACULATE CABIN

Elegant 19 passengers cabin interior. Features forward 4 seats and 3 seats divan, mid cabin 6 seats and aft cabin 2 divans with 3 seats.

## HIGHLIGHTS

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Engines on Program

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Airframe on Program

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APU on Program

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Maintenance Tracking Program

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ADS-B Out Installed

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4 Satellite Phones

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High-Speed WiFi system

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# EMBRAER AT A GLANCE



Embraer is the third aircraft manufacturer in the world together with Boeing and Airbus.

Based on WWII National Strategic Plan for Aerospace Development basis, the company was officially launched in 1969. They now employ 19'000 persons worldwide in 3 major Business Units: Commercial Aviation, Executive Aviation and Defense & Security.

So far Embraer has delivered 1'667 Commercial jets in 55

countries, over 740 Executive jets in 50 countries and equipped more than 50 Armed forces. Key programs include the Bandeirante EMB 110, first Embraer airplane (1971) with 498 deliveries, the Brasilia EMB 120, Regional aircraft (1985) with 352 airplanes sold, and the ERJ 145 Regional jet family (1996) with more than 900 aircraft delivered.

In the years 2000, the Executive Aviation development leads to new

programs with the Embraer 170/190 family (2004), Legacy (models 450, 500, 600 and 650 from 2000 till 2009), Phenom 100 & 300 (2005), Lineage 1000 (2006) and 1000E with a +400 Nm additional range.

Productions from Embraer are well known for their reliability and robustness, low operating costs and innovation to turn their business aviation airplanes into dreaming machines.

# SPECIFICATIONS

## AIRFRAME

Aircraft Manufacturer	Embraer
Aircraft Type	Lineage 1000
Current Registration	N666GL
Serial Number	19000317
Year of Manufacture	2011
Year of Delivery	2012
Airframe Total Hours*	1'840
Airframe Total Cycles*	576
Maintenance Tracking Prog.	CAMP
Certification	FAA
Airframe Program	Embraer Executive Care (EEC)

## ENGINES

Manufacturer	General Electric
Type	CF34-10E-7B
Thrust Level (Lbf)	20'000
#1 Engine S/N	424257
#1 Engine Total Hours*	1'840
#1 Engine Total Cycles*	576
#1 Engine Next Overhaul	On Condition Control
#2 Engine S/N	424254
#2 Engine Total Hours*	1'840
#2 Engine Total Cycles*	576
#2 Engine Next Overhaul	On Condition Control
Engines Program	GE on Point

## APU

Manufacturer	Hamilton Sundstrand
Type	APS2300
APU Serial Number	HSC- E0823592
APU Total Hours*	2'758
APU Total Cycles*	2'579
APU Program	Embraer Executive Care (EEC)

\*as of October 2019

# SPECIFICATIONS



## MAJOR INSPECTION STATUS

INSPECTION	LAST PERFORMED	NEXT DUE
12 Month Check	July 2019	April 2020
24 Month Check	April 2018	April 2020
36 Month Check	April 2018	April 2021
48 Month Check	June 2016	June 2020
60 Month Check	April 2017	April 2022
72 Month Check	April 2018	April 2024
96 Month Check	April 2012	April 2020
120 Month Check	April 2012	April 2022

# SPECIFICATIONS

## PERFORMANCE

Maximum Speed	472 Kts	Engines (x2)	CF34-10E-7B
Long Range Speed	455 Kts	Thrust Level	
Seats Full Range	4'200 Nm	in Pound Force (each)	20'000 Lbf
Take-Off Runway Length	6'344 ft	Consumption	
Landing Runway Length		(Kg per Hour)	1'200
(FAR 135)	2'633 ft		
Maximum Operating Altitude	41'000 ft		

Source: Conklin & de Decker

## WEIGHTS & VOLUME

	LBS	KG
Maximum Take-Off (MTOW)	120'152	54'500
Maximum Landing (MLW)	100'972	45'800
Maximum Zero Fuel (MZFW)	80'469	36'500
Maximum Usable Fuel	39'683	18'000

Source: Seller

# RANGE





# RANGE



# RANGE



Source: Great Circle Mapper®  
Disclaimer: Performances may vary upon loading, aircraft configuration, routes assigned by control authorities, winds, airfield elevation, temperature.

# AVIONICS

TYPE OF UNIT	QTY	UNIT DESCRIPTION
MWF	Dual	Monitor Warning Function System
GGF	Single	Graphics Generation Function
ECL	Single	Electronic Checklist Function System
Utilities Function System	Dual	-
FMS	Dual	Flight Management System
Central Maintenance System	Single	-
Data Acquisition Function	Single	-
ADF	Dual	Automatic Direction Finder
DME	Dual	Distance Measurement System
ADS	Triple	Air Data System
Transponder System	Dual	Mode S Enhanced Transponder System
VHF Digital Radio	Dual	-
VOR	Dual	VHF Omnidirectional Range System
Instrument Landing System (ILS)	Dual	Composed of Localizer & Glideslope
GPS	Dual	Global Positioning System
EGPWS	Single	Enhanced Ground Proximity Warning System
Windshear Detection & Guidance System	Single	Hosted in the EGPWS
IRS	Dual	Inertial Reference System
P-880 Weather Radar	Single	With Turbulence Detection
TCAS	Single	Traffic Alert & Collision Avoidance System
Radar Altimeter System	Dual	-
DVDR	Dual	Digital Voice Data Recorder
MCDU	Dual	Multifunctional Control & Display Unit
ELT	Single	Emergency Locator Transmitter with Positioning Report System
ACP	Triple	Audio Control Panels
Electronic Clock System	Single	-

# AVIONICS

TYPE OF UNIT	QTY	UNIT DESCRIPTION
IES	Single	Integrated Electronic Standby Display System
Standby Magnetic Compass	Single	-
LCD	Quintuple	Liquid Crystal Display Units
CCD	Dual	Cursor Control Devices
GP	Dual	Guidance Panel Controller
QAR	Single	Quick Access Recorder
SELCAL System	Single	-
Communication System	Dual	High Frequency HF-

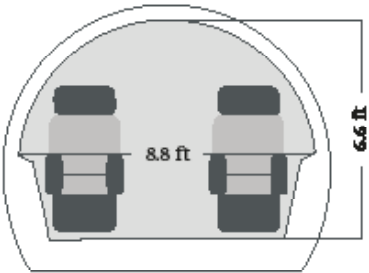
# CABIN

## SUMMARY

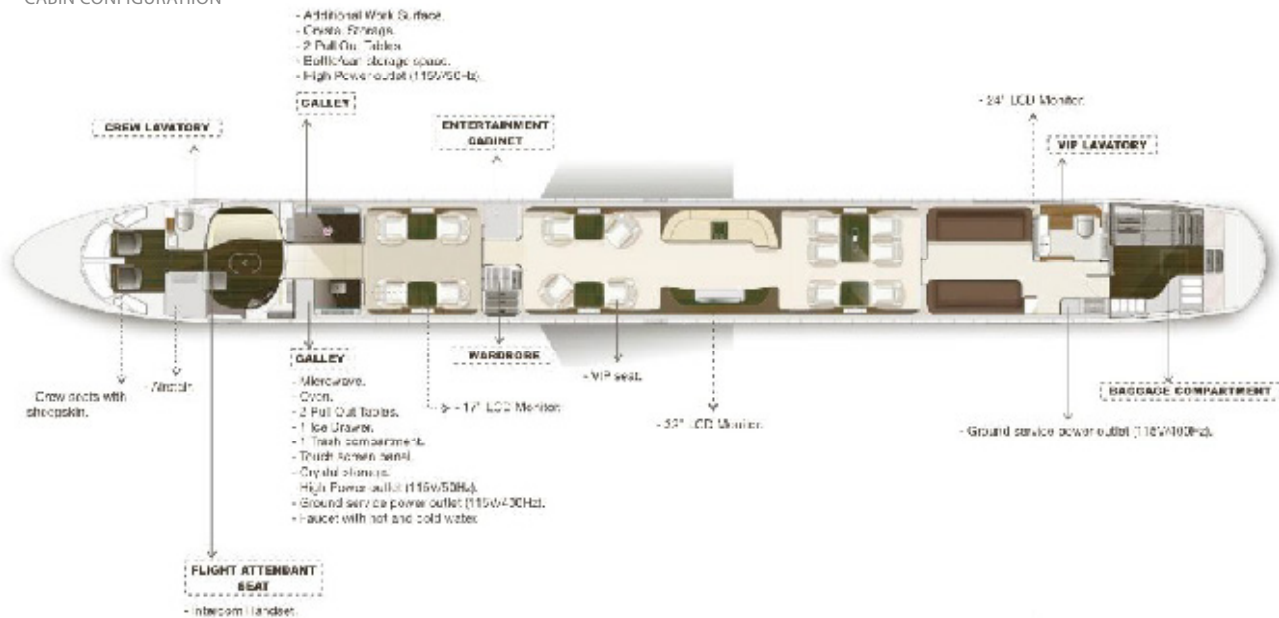
19 SEATS CONFIGURATION

3 BERTHABLE CONFIGURATION

Length	84'3" ft/in
Height	6'6" ft/in
Width	8'8" ft/in
Volume	3'914 Cu. ft
Baggage volume	443 Cu. ft
Nb of standard baggages	87



CABIN CONFIGURATION



## DESCRIPTION

The interior arrangement provides accommodation for two pilots and 19 passengers in the cabin.

A forward full service galley is situated between the cockpit and the cabin.

At the rear of the aircraft is a vanity room / lavatory which also provides cabin access to the baggage compartment.

Source: Embraer

# CABIN

## OVERVIEW

### ENTERTAINMENT:

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- Entertainment Cabinet
- 17" LCD Monitor
- 24" LCD Monitor
- 32" LCD Monitor
- Ground Service Power Outlet
- Two CD Players
- Two DVD Players
- High Speed WiFi System
- Four Satellite Phones

### GALLEY:

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- Oven
- Microwave
- Four Pull Out Tables
- Refrigerator
- Ice Box
- Chiller
- One Trash Compartment
- Touch Screen Panel
- Crystal Storage
- Bottle/Can Storage
- High & Ground Service Power Outlets
- Faucet with Hot and Cold Water



# CABIN

## FORWARD CABIN



## FORWARD CABIN



# CABIN

## MID CABIN



## AFT CABIN







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Disclaimer: These specifications are presented as introductory information only. They do not constitute representations or warranties of any kind. Accordingly, you should rely on your own inspection of this aircraft. The aircraft is subject to sale, and / or removal from the market without prior notice.