

AIRCRAFT TECHNICAL SPECIFICATION

EMBRAER 195 - ERJ 190-200



AIRCRAFT

Manufacturer:	Embraer
Type:	ERJ 190-200
Aircraft Model:	ERJ 190-200
Serial Number:	19000693
Registration:	PR-AUM
Manufacture date:	13-Jul-15
TSN:	14.449
CSN:	11.858
Seats:	118
Current Operator:	Azul Linhas Aéreas

LH ENGINE

Manufacturer:	General Electric
Engine Model:	CF34-10E7
Serial Number:	424708
TSN:	14.449
CSN:	11.858
TSO:	14.449
CSO:	11.858
First LLP Remaining:	13.142
LLP Type:	Multiple
Location:	PR-AUM

RH ENGINE

Manufacturer:	General Electric
Engine Model:	CF34-10E7
Serial Number:	424709
TSN:	14.449
CSN:	11.858
TSO:	14.449
CSO:	11.858
First LLP Remaining:	13.142
LLP Type:	Multiple
Location:	PR-AUM

LH MAIN LANDING GEAR

Manufacturer:	Embraer Liebherr
Part Number	4259A0000-02
Serial Number:	00824
CSN:	11.858
CSO:	11.858
Manufac. date/L. OVH:	13-Jul-15
Cycles Next Overhaul:	13.142
Date Next Overhaul:	13-Jul-27

RH MAIN LANDING GEAR

Manufacturer:	Embraer Liebherr
Part Number:	4260A0000-02
Serial Number:	05806
CSN:	11.858
CSO:	11.858
Manufac. date/L. OVH:	13-Jul-15
Cycles Next Overhaul:	13.142
Date Next Overhaul:	13-Jul-27

NOSE MAIN LANDING GEAR

Manufacturer:	Embraer Liebherr
Part Number:	190-70453-409
Serial Number:	01004
CSN:	11.858
CSO:	11.858
Manufac. date/L. OVH:	13-Jul-15
Cycles Next Overhaul:	13.142
Date Next Overhaul:	13-Jul-27

APU

Manufacturer:	Hamilton Sundstrand
Manufacturer type:	APS2300
Part Number:	4505001B
Serial Number:	HSC-E1533293P
TSN	6.873
CSN:	21.304
TSLSV:	6.873
CSLSV:	21.304

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AIRCRAFT MAINTENANCE PROGRAM

INTERVAL	LAST ACCOMPLISHMENT	NEXT ACCOMPLISHMENT	REMAINING
7500 FH	8.066	15.566 FH	1117 FH
15000 FH	Not Accomplished	15.000 FH	551 FH
24000 FH	Not Accomplished	24.000 FH	9551 FH
20000 FC	Not Accomplished	20.000 FC	8.142 FC
72 MO	Not Accomplished	11-Jul-21	573 DY
96 MO	Not Accomplished	11-Jul-23	1303 DY
120MO	Not Accomplished	10-Jul-25	2033 DY

WEIGHT & BALANCE

	Kg	lb
Max Take Off Weight (MTOW)	52.290	115.280
Max Landing Weight (MLW)	45.800	100.972
Basic Operating Weight (BOW)	28.667	63.200
Max Zero Fuel Weight (MZFW)	42.600	93.917
Max Fuel	12.971	28.596

GENERAL FEATURES

AR version (including CF34-10E7 engines)
Alternate CG
Ozone converter
Dual HUD Guidance System (CATIIIa and LVTO)
FH (single) (model KHF-1050)
SELCAL
Printer in cockpit
CFM (ACARS) with 3rd VHF datalink Mode 2 included
ANR Headsets (model HMEC-25-CAP) lightweight (set of 3 per/ac)
Cockpit and Eletronic Compartments Electrical Outlets (110VAC/60Hz/150VA)
Cockpit Crew Baggage Stowage
Seat-belt extension
Double flight attendat seat at Zone 4 (ultraleather, one handset)
Baby Change Table in the FWD Lavatory
Baby Change Table in the AFT Lavatory
Positioning report capabilty on ELT-Emergency Locator Transmitter
QAR (Quick Acess Recorder)
Autobrake System
2nd Radio Altimeter
Weather Radar with Turbulence Detection Mode (WU-880)
2nd ADF
Mode S Enhanced Transponder
2nd FMS / GPS
77 cubic feet Oxygen cylinder
3rd oxygen marks for all RH seats

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GENERAL FEATURES (Cont...)

Customized Layout with 118 pax (see figure below)

Improvement seat food tray latch

LiveTV in-flight entertainment system as per SOW

New thermal/acoustic insulation materials

APU access door

G3 trolleys retainers on work counters

New material for FWD cargo comp. Liners (refers to 503J001)

Transitional ceiling air conditioning outlets

Access to HGS overhead unit

Over wing emergency exit door lining

Aft lavatory sealant

Wing to pylon fairing polishing

Addition of provisions for mini-oven in G1 Galley

Installation of Brouchure Holders

Provisions for Passenger Briefing throught Live TV system

Emergency Equipment Relocation

Mini Oven compartment as Miscellaneous Compartment, Galley G1

New Insulation Flammability (RBHA 121.312 (e) (3) Part (b))

E195 interior configured with certain interior equipment and furnishings equal to the ones installed on the E190 Aircraft (PMC/026)

Inclusion of makings for Slat observation

Translation to External Water and Waste Placards

Brazilian map adhesive decal installation on the winglets

New Recording System to comply with new FAA requirements

LiveTV Satellite TV System - modification for certification (installed second RF cable, Ballard box and additional relay

3rd oxygen marks for all LH seats

Electronic Flight Bag system (EFB)

Cargo Compartment Floor Covering (Lexan)

Reinforced Cockpit Door w/remote access control

Door sill doublers

Elite Seat

Life vest pouch

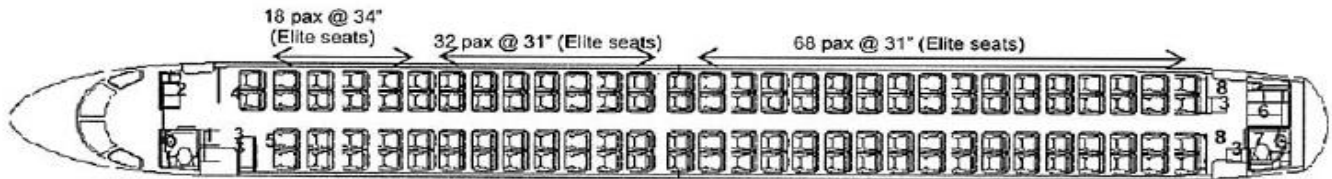
Ultraleather (pax seat cover)

LED Reading Lights

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EMBRAER 195 – 118 Pax



Interior Items	
1 -	Fwd Lavatory (double FA seat)
2 -	Fwd Galley (G1)
3 -	Flight Attendant Seat
4 -	Windscreen (B2)
5 -	Stowage (S515-ftc)
6 -	Aft Galley (G3)
7 -	Aft Lavatory
8 -	Aft Divider (B7DF & B8D)

		G1	G3
Galley Option		G1-A	G3-D
Inserts (*)	Meal Trolley	1H	4H
	Waste Trolley	1H	1F
	Coffee Maker	1	1
Misc compartment		4	6
Sink		1	1
Work table		1	1

(*) Galley inserts are BIE items. Aircraft galleys only have provisions for inserts listed in the Embraer 170/190 Family Options Guide.

Notes:

The last seat row adjacent to Type III OWE exit does not recline
The last seat row reclines 3 inches

Passenger Seat	Seat Cover Material
Elite	Ultraleather