

AIRCRAFT TECHNICAL SPECIFICATION

EMBRAER 195 - ERJ 190-200



AIRCRAFT

Manufacturer:	Embraer
Type:	ERJ 190-200
Aircraft Model:	ERJ 190-200
Serial Number:	19000386
Registration:	PR-AYN
Manufacture date:	24-Sep-10
TSN:	29.308
CSN:	23.009
Seats:	118
Current Operator:	Azul Linhas Aéreas

LH ENGINE

Manufacturer:	General Electric
Engine Model:	CF34-10E5A1
Serial Number:	994927
TSN:	26.408
CSN:	20.841
TSO:	5.404
CSO:	4.970
First LLP Remaining:	20.030
LLP Type:	All
Location:	PR-AYZ

RH ENGINE

Manufacturer:	General Electric
Engine Model:	CF34-10E5A1
Serial Number:	994928
TSN:	25.744
CSN:	20.224
TSO:	9.098
CSO:	8.058
First LLP Remaining:	4.776
LLP Type:	All
Location:	PR-AYW

LH MAIN LANDING GEAR

Manufacturer:	Embraer Liebherr
Part Number	190-70031-401
Serial Number:	00583
CSN:	23.009
CSO:	23.009
Manufac. date/L. OVH:	24-Sep-10
Cycles Next Overhaul:	1.991
Date Next Overhaul:	24-Sep-22

RH MAIN LANDING GEAR

Manufacturer:	Embraer Liebherr
Part Number	190-70031-402
Serial Number:	05477
CSN:	19.345
CSO:	19.345
Manufac. date/L. OVH:	8-Mar-12
Cycles Next Overhaul:	5.655
Date Next Overhaul:	8-Mar-24

NOSE MAIN LANDING GEAR

Manufacturer:	Embraer Liebherr
Part Number	190-70450-403
Serial Number:	00396
CSN:	23.009
CSO:	23.009
Manufac. date/L. OVH:	24-Sep-10
Cycles Next Overhaul:	1.991
Date Next Overhaul:	24-Sep-22

APU

Manufacturer:	Hamilton Sundstrand
Manufacturer type:	APS2300
Part Number	4505001B
Serial Number:	HSC-E1333122P
TSN	10.290
CSN:	24.816
TSLSV:	3.666
CSLSV:	10.742

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AIRCRAFT MAINTENANCE PROGRAM

INTERVAL	LAST ACCOMPLISHMENT	NEXT ACCOMPLISHMENT	REMAINING
7500 FH	23.891	31.391 FH	2083 FH
15000 FH	23.891	38.891 FH	9583 FH
24000 FH	23.891	47.891 FH	18583 FH
20000 FC	18157	38.157 FC	15.148 FC
72 MO	14-Mar-16	13-Mar-22	818 DY
96 MO	31-mar-18	29-Mar-26	2295 DY
120MO	Not accomplished	21-Sep-20	280 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 Electronic Compartments Electrical Outlets (110VAC/60Hz/150VA)

Cockpit Crew Baggage Stowage

Seat-belt extension

Double flight attendant seat at Zone 4 (ultraleather, one handset)

Baby Change Table in the FWD Lavatory

Baby Change Table in the AFT Lavatory

Positioning report capability on ELT-Emergency Locator Transmitter

QAR (Quick Access 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 masks 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

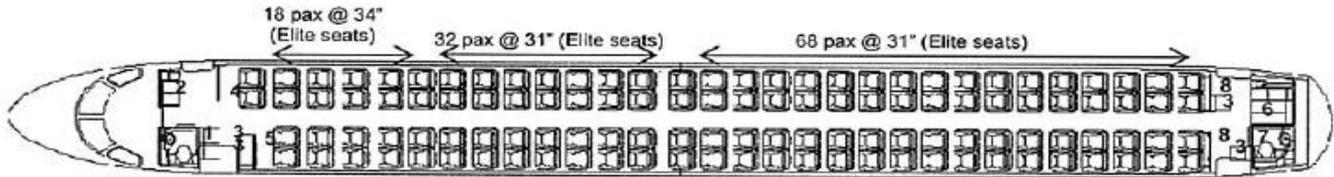
Ultraleather (pax seat cover)

LED Reading Lights

Date Next Overhaul:

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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