

TECHNICAL SPECIFICATIONS

Embraer E145LR

Report Date: 15-JUN-2026

NOTES // IMPORTANT

All the information supplied in this present document is subject to verification upon inspection.
The aircraft is offered subject to prior sale and / or withdrawal from the market without notice.

CHAPTER 1 // GENERAL DESCRIPTION

Manufacturer..... EMBRAER.

Model Designation 145LR

Date of Manufacture 2001

Crew Accommodation:..... Cabin / Cockpit: 2 / 3

Total Passenger Accommodation: First / Business / Economy: - / - / 50

Regulatory Standard e.g. FAR 121/129/IAA/CAA

Next C of A Renewal Date: 11 Feb 2027

C of A Comment NONE

SELCAL Code..... Not installed

ADS-B Out..... Compliant

Extended Overwater Capability NO

Approach Category CAT II

RVSM Yes

TCAS II Model..... TCAS 2000

B-RNAV/P-RNAV Yes/Yes

ILS /VOR FM Immunity Yes

8.33 KHz Channel Spacing Yes

CDSS..... NO

EFIS..... Yes

Noise Compliance..... STAGE 3

Winglets..... No

CHAPTER 1 // GENERAL DESCRIPTION CONT'D

Current Maintenance Provider..... CAMS (TCICAA Part 145 AMO - CAA/TCI/004)

Current AC Status..... Aircraft in Service

Total Flight Hours 21600.02 hours

Total Flight Cycles 19964 cycles

INTERIOR // CABIN & COCKPIT**Crew Accommodation:**..... **Cabin / Cockpit**..... 2 / 3**Total Passenger Accommodation:**..... **Business / Economy** / 50

Full Y Class 50

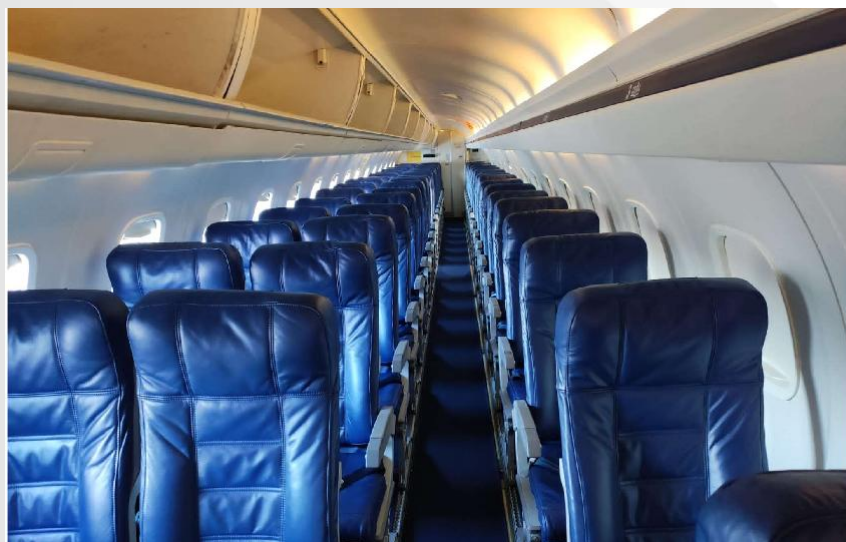
Basic Configuration..... 50

Emergency Exit Row 10

Non-Reclaimable Back of the Seats..... Row 9/16

Cabin Crew Seats..... 2

Versions	C Class Rows	Y Class Rows
50 Y	-	1-16
3C/45Y	1	2-16
6C/42Y	1-2	3-16
9C/39Y	1-3	4-16
12C/36Y	1-4	5-16
15C/33Y	1-5	6-16
18C/30Y	1-6	7-16



CHAPTER 3 // DESIGN WEIGHTS

(Lb. / KG)

Maximum Taxi Gross Weight:48.722 / 22.100

Maximum Take-Off Weight:48.502 / 22.000

Maximum Landing Weight42.549 / 19 300

Maximum Zero Fuel Weight38.250 / 17 350

OEW26.707 / 12 114

A/C Weighing next due24 Jan 2027

CHAPTER 5 // MAINTENANCE SCHEDULE AND STATUS

Date15 Jun 2026

Flight Hours

Check	Last Done	Done Since	Remaining	Next due
1A	21581.7	18.2	481.7	22081.7
2A	21165.8	434.2	565.8	22165.8
3A	21581.7	18.2	1481.8	23081.7
4A	21165.8	434.2	1565.8	23165.8
5A	19678.2	1921.8	578.1	22178.2
C	17254.8	4345.2	654.7	22254.8
2C	17254.8	4345.2	5654.7	27254.8
3C	7290	14310.0	689.9	22290
4C	19678.2	18078.1	1921.8	39678.2

Last Maintenance Performed: 1A/3A - 09 Jun 2026

ATC Transponder Test (FC) #1: Dec 2024 / #2: Dec 2024

Flight Recorder Check May 2026

CPCP Yes

Aging A/C program No

SSID candidate No

Parking preservation N/A

Remarks (e.g. significant maintenance / mod, details of when due & estimated expenditure):

CHAPTER 22 // AUTOMATIC FLIGHT CONTROLS

DESCRIPTION	PART NUMBER	MANUFACTURER	QTY
Autopilot Controller PC-400	7003897-925	Honeywell	1
Guidance Controller GC-550	7021170-951 MOD A	Honeywell	1

CHAPTER 23 // COMMUNICATIONS

DESCRIPTION	PART NUMBER	MANUFACTURER	QTY
Radio Management Unit	7013270-975	Honeywell	2
Integrated VHF	7510733-666	Honeywell	2
Tuning Backup Head	7513000-835	Honeywell	1
Passenger Address Amplifier	5482-1MOD.D	AVTECH CORPORATION	1
Digital Audio Panel AV-805A	7511001-939	Honeywell	3
Cockpit Voice Recorder, Solid-State	2100-1020-02	L3COMMUNICATIONS	1
VHF Communication Antenna	16-21B Mod.1	Chelton	2

CHAPTER 24 // ELECTRICAL POWER

DESCRIPTION	PART NUMBER	MANUFACTURER	QTY
APU Starter Generator	23080-013A	Lucas	1
Main DC Generator	30086-011	Lucas	4
AC Static Inverter	PC-251-123F	AVIONIC INSTRUMENTS INCORPORATED	1

CHAPTER 25 // EQUIPMENT AND FURNISHING

	Manufacturer	Model or Part No.	Qty.
First Class Seats	-	N/A	
Business Class Seats	-	N/A	
Economy Class Seats	Liebherr	41082018-101	
	Aerospace	41042018-101	
		41032018-105	
		41042018-107	
		41072018-103	
ELT	AIR PRECISION	96A 2560 000 000	1
	Eastern Aero		
Life Jackets(Crew)	Marine	P01074-101WC	5
	Eastern Aero		
Life Jackets(Pax)	Marine	P01074-101W	48
Hand Megaphone	N/A	N/A	N/A
	C&D		
Escape Path Lighting	AEROSPACE	7287580-505	1
PBE	L AIR LIQUIDE SA	15-40F	3

	Manufacturer	Model or Part No.	Qty.
Portable Oxy Bottle	DBA PURITAN-BENNETT AEROSPACE SYSTEMS	176965-14	2
Crash Axe	Embraer	MODEL56	1
Fire Extinguisher Engine	PACIFIC SCIENTIFIC COMPANY	33600057-5	2
Fire Extinguisher APU	PACIFIC SCIENTIFIC COMPANY	30100050-5	1
Fire Extinguisher Baggage	PACIFIC SCIENTIFIC COMPANY	33700027-1	1
Fire Extinguisher Baggage	PACIFIC SCIENTIFIC COMPANY	34600073-1	1
Lavatory Fire Extinguisher	C&D AEROSPACE	BA22653-1	1
Toilets (AFT)	—		1

GALLEYS:

Part Number	System (Atlas/KSSU/Other)	Manufacturer	Position (G1/G4 etc)
8295001-131	Atlas	C&D Zodiac	1
8274001-101	Atlas	C&D Zodiac	2
8274001-101	Atlas	C&D Zodiac	3

	Manufacturer	Model or Part No.	Qty.
Ovens		1539IM0HC	3
Water Heater			
Containers			
Full-size carts			
Half-size carts			6
Hot Jug			2

CHAPTER 26 // FIRE PROTECTION

DESCRIPTION	PART NUMBER	MANUFACTURER	QTY
Engine Fire Overheat Detectors	3601-133-500/ 230C-9.0M	MEGGITT SAFETY SYSTEMS	2
APU Fire Overheat Detectors	3601-135-470/ 200C-3.5M	MEGGITT SAFETY SYSTEMS	1
Pylon Fire Overheat Detectors	3601-134-480/ 220C-2.7M	MEGGITT SAFETY SYSTEMS	2

CHAPTER 27 // FLIGHT CONTROLS

DESCRIPTION	PART NUMBER	MANUFACTURER	QTY
Stall Protection Computer	0020BN4 MOD S/W3	Rosemount	

CHAPTER 28 // FUEL SYSTEMS

Tank Capacity (Ltr. / Kg)..... 5187 kg
 Fuel Tank Configuration..... Left wing // Right wing
 Fuel Quantity Indication Unit (Lbs./Kgs) Kg

CHAPTER 31 // INDICATION AND RECORDING SYSTEMS

DESCRIPTION	PART NUMBER	MANUFACTURER	QTY
Flight Data Recorder, Solid-State	2100-4043-00	L3COMMUNICATIONS	1

CHAPTER 32 // LANDING GEAR

	Left Main	Right Main	Nose
Manufacturer	Liebherr	Liebherr	Liebherr
P/N/Model No	2309-3002-515	2309-3002-516	1170C0000-08
Serial Number	222	222	00569
TSN (hrs)	N/A	N/A	N/A
CSN (cyc)	19135	19135	19009
Tot hrs at O/H	N/A	N/A	N/A
Tot cyc at O/H	N/A	N/A	N/A
CSO	3903	3903	3903
Date last O/H	Apr 2021	Apr 2021	Mar 2021
O/H inter. Hrs	N/A	N/A	N/A
O/h Inter. Cyc.	20000	20000	20000
O/H inter. Mts.	144 Month	144 Month	144 Month
O/H due date.	Apr 2033	Apr 2033	Mar 2033

	Manufacturer	Size	Qty
Nose Wheels	Goodrich	19,5x6,75	2
Main Wheels	Goodrich	30x9,5	4
Brakes	Goodrich	Carbon	4

CHAPTER 34 // NAVIGATION

DESCRIPTION	PART NUMBER	MANUFACTURER	QTY
Display Unit DU-870	7014300-901	Honeywell	5
Data Acquisition Unit	7013348-949	Honeywell	2
Integrated Computer with AP IC-600	7017000-83430	Honeywell	1
Integrated Computer IC-600	7017000-83430	Honeywell	1
UNIT,CONTROL-INTEGRATED STANDBY INS	C16221GD04	THALES AVIONICS	1
Air Data Computer	7014700-622	Honeywell	2
Standby Magnetic Compass	C-5J	Amtek	1
Attitude and Heading Computer	HG2011AC03	Honeywell	2
Display Controller DC-550	7016986-505	Honeywell	2
Radio Altimeter Transceiver	7001840-937	Honeywell	2
Integrated NAV/ADF/DME	7510100-631	Honeywell	2
GPWS	965-0976-003-202-202	Honeywell	1
Weather Radar Controller WC-650	7008471-407	Honeywell	2
Weather Radar Transceiver	7021450-801	Honeywell	1
Radar Transceiver w/ Turbulence WU-870	7021450-801	Honeywell	1
TCAS II	7517900-55020	Honeywell	1
FMS Navigation Computer NZ-2000	7018879-03014 MOD B	Honeywell	2
FMS Data Loader DL-950	G7226-01	Honeywell	1
FMS Control Display Unit CD	2888-01-1	Honeywell	2
GPS Sensor Unit GNSSU	HG2021GD02	Honeywell	2
VOR Localizer Antenna	DMN4-17-1/N	Dorne & Margolin	2
ADF Antenna AT-860	7510300-901	Honeywell	2
TCAS Antenna	7514081-915	Honeywell	1
Marker Beacon Antenna	DM-N27-3	Dorne & Margolin	2
Glide Slope Antenna	S41422-2	Sensor Systems	1
Radio Altimeter Antenna	S67-2002	Sensor Systems	4
GPS Sensor Antenna	S67-1575-16	Sensor Systems	2
Transponder / DME Antenna	DMNI50-4-2	Dorne & Margolin	1

CHAPTER 36 // OXYGEN SYSTEMS

DESCRIPTION	PART NUMBER	MANUFACTURER	QTY
Passenger Mask	289-801-127-1	C&D AEROSPACE	80
Crew Mask	MC10-02-106 MC10-02- 117	INTERTECHNIQUE	3
Smoke Goggles	MXP-210-00	INTERTECHNIQUE	3
Protective Breathing Equipment (PBE)	15-40F-80	L AIR LIQUIDE SA	3
Main Oxygen Cylinder	4441009-050	ETNA FOURS ET BRULEURS	1
Portable Oxygen Cylinder	176965-14	Puritan Benett	2

CHAPTER 49 // AIRBORNE AUXILIARY POWER

Date of manufacture..... 04 Sep 2004
 Status date (as of) 13 Jun 2026

Manufacturer	Model	Serial No.	TSN	CSN
Hamilton	T-62T-40C14	SP-E0414728	10617.7	18583

Hard time interval (Hrs/Cyc) N/A
 On condition (Yes/No) YES

CHAPTER 52 // DOORS

Door: Reinforce Cockpit Door.....Installed
 Airstairs.....Installed

CHAPTER 72 // ENGINES – DATA TO BE SUBMITTED SEPARATELY FOR ASSIGNED ENGINES

FADEC Engine ControlYES
 Engine Status as of date14 Jun 2026
 Engine Maintenance ProgramOn Condition

Status date (as of): 14 Jun 2026

Engine #1: Serial No.: CAE311307

TSN	CSN
40178.83	33391

Engine #2: Serial No.: CAE311353

TSN	CSN
47742.92	43752

Engine Maintenance Program (Yes /No): Hardtime: ____ or On-Condition: **Yes**
Engine Condition Monitoring (Yes/No): **Yes** - Outside Agency: JetCare Inc
Repair Agency: - Derate Policy in Place (Yes/No): **No** Percentage:

INTERIOR PICTURES

