

C&L Aerospace | Aircraft Specifications

A/C Model: ERJ 140 LR

A/C Serial Number:	145734	Number of Seats:	44
Date of Build:	2003	Avionics:	Honeywell
A/C Total Time:	33,617.3 Hours	Country of Registration:	USA
A/C Total Cycles:	30,509 Cycles	Registration Number:	N851AE
<small>*Information as of 26 March 2024*</small>		Aircraft Location:	USA



ROLLS ROYCE AE3007A1/3	
L/H Engine	CAE313003
Total Time	29,430.7
Total Cycles	25,300
TSLSV	186.3
First Limiter (Cycles)	9,700

Engine Information as of 1 March 2023

ROLLS ROYCE AE3007A1/3	
R/H Engine	CAE312480
Total Time	29,905.5
Total Cycles	26,951
TSLSV	3,615.1
First Limiter (Cycles)	3,049

AUXILIARY POWER UNIT	
APU Type / Model	T62T-40C14
APU SN	SPE0114191
APU TSN	16,944.5
Turbine Wheel	1,515 FC remaining
Compressor Wheel	36,515 FC remaining

APU Information as of 14 March 2023

LANDING GEAR: LIEBHERR		OVERHAUL: 20,000 CYCLES OR 144 MONTHS	
POSITION	CSO	REMAINING	NEXT DUE
NLG	0	20,000	144 MO
LH MLG	0	20,000	144 MO
RH MLG	0	20,000	144 MO

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Inspection Status

Inspection Status indicative of delivery

	Interval	Time Remaining
1A Check	500 hours	500 FH
2A Check	1,000 hours	1,000 FH
3A Check	1,500 hours	629.1 FH
4A Check	2,000 hours	1,311.6 FH
5A Check	2,500 hours	2,343.7 FH
5Yr Check	5 Years	Fresh
C Check	5,000 hours	5,000 FH
2C Check	10,000 hours	5,356.5 FH
4 C check	20,000 hours	5,615.7 FH

Configuration

Passenger Seats	44
Number & Location of Galley	2 Fwd
Number and Location of Lavatory	1 Aft
Number of Crew Seats	3
Aircraft Paint Scheme	American Eagle
FAR 121 Complaint	Yes
TCAS	Yes
TAWS	-
ETOPS	-
FAR Part 36, Stage III Noise Compliant	-

Operating Weight

Maximum Take-Off Weight	46,517 lbs
Maximum Landing Weight	41,226 lbs
Maximum Zero Fuel Weight	37,699 lbs
Basic Op. Weight (std)	26,613 lbs
Fuel Capacity	11,322 lbs

Avionics

Nomenclature	Manufacturer	Qty
SSCVR	Allied Signal	1
ELT96A	Artex	1
EFIS Displays	Honeywell	6
ACARS Unit	Bombardier	1
Integrated Avionics Computer	Honeywell	2
ADC	Honeywell	2
FMS	Honeywell	2
Mode S	Honeywell	1
Radar Transceiver (WU-660)	Honeywell	1
Integrated Nav/ADF/DME	Honeywell	2
Integrated Comms Unit (RCZ)	Honeywell	2
RT951 TCAS	ACSS	1
EGPWS	Honeywell	1
AHC	Honeywell	2

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Summary

This aircraft was previously in service with a domestic operator recently underwent a bridging / heavy maintenance work scope clearing items through the end of 2024 and 1,000 cycles / 1,000 hours. The following work was also performed during the recent maintenance induction:

- Fresh 30-, 60-, and 120-month inspections
- 1C check
- Fresh overhauled landing gear
- Airstair Door embodiment (SB 145-52-0054)

Please contact the sender of this email or inquire at the below address for additional information.

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