

THOMAS AVIATION SERVICES, LLC

Embraer 145 LR

Year Manufactured 2002

Serial Number 145553 Registration N14543
TTAF 40,211 hrs TCAF 30,942 cls

Operator: ExpressJet Airlines
Status: In Service
Availability: November 2018

Information as of September 30, 2018



File Photo

WEIGHTS:

Maximum Taxi	48,721 lbs	Maximum Zero Fuel	39,462 lbs
Maximum Take-off	48,501 lbs	Maximum Landing	42,549 lbs
Op Empty Weight	26,981 lbs	Fuel Capacity	11,570 lbs

ENGINES:

Engine Type/Model: Rolls Royce AE3007A1P
Engine Overhaul / Major CAM: On Condition

	<u>SN</u>	<u>TT</u>	<u>TC</u>	<u>TSEHM</u>	<u>CSEHM</u>	<u>Limiters</u>	<u>TR</u>
LH	AE312037	35,482	28,020	4,181	3,276	2 nd Stage HPT	5,229 cls
RH	AE312038	34,583	27,097	1,319	1,057	2 nd Stage HPT	7,903 cls

AUXILIARY POWER UNIT:

APU Type/Model: Sundstrand T-62T-40C14

	<u>SN</u>	<u>CSLSV</u>	<u>Limiters</u>	<u>TR</u>
	SP-E0214415	TBA	T-Wheel	2,411 cls

Box 42718 Washington, DC 20015 USA
Tel: 202-364-2775 Fax: 202-315-3649
www.thomasaviation.net

Embraer 145 LR

Year Manufactured 2002 Serial Number 145553 Registration N14543
 TTAF 40,211 hrs TCAF 30,942 cls

LANDING GEAR:

Gear Make and Model: Liebherr
 Overhaul: 20,000 cls 144 mos

	<u>Sn</u>	<u>CSO</u>	<u>TR</u>	<u>Days Remain</u>
NLG	00250	15,697	4,303 cls	1,100
LH MLG	915	12,110	7,890 cls	2,013
RH MLG	171	14,978	5,022 cls	1,293

MAINTENANCE:

	<u>Interval</u>	<u>Remain</u>
1C	5,000 hrs	2,182 hrs
2C	10,000 hrs	7,182 hrs
5A	3,250 hrs	1,163 hrs

INTERIOR:

50 Passenger C&D Aerospace Leather Seats
 Aft Lavatory AMSAFE 502751-1 Seat Belts
 Dual Forward Galley

AVIONICS: (To Be Verified by Buyer)

Primus 1000 Avionics Suite including:
 Two Primary Flight Displays (PFD)
 Two Multi Function Displays (MFD)
 One In Flight Engine Condition Monitoring System (IECMS)
 Primus III Radio Suite

Dual VHF Comm	Honeywell	RCZ-851/854
VHF Comm	Honeywell	RCZ-833
Dual VHF Nav	Honeywell	RNZ-851
Dual AHRS	Honeywell	AH-900
FMS Computer	Honeywell	NZ-2000
GPS Computer	Honeywell	GNSSU
Dual Air Data Computer	Honeywell	AZ-840
Data Acquisition Unit	Honeywell	DA-800
ACARS	Honeywell	Mark III
SELCAL	Terra	Jet Cal 2
Weather Radar	Honeywell	WU-660
Dual Radio Altimeter	Honeywell	RT-300
CVR	Honeywell	980-6022-001
DFDR	Honeywell	980-4700-019
EGPWS	Honeywell	MK V
TCAS II	ACSS	RT-950

This aircraft is subject to prior sale or withdrawal from the market and the specifications are subject to verification upon inspection.

These specifications are subject to change as the aircraft is in revenue service.

Embraer 145 LR

Year Manufactured 2002

Serial Number 145553 Registration N14543

TTAF 40,211 hrs TCAF 30,942 cls

Rolls Royce AE3007 - Engine Details as of March 21, 2018

Engine Model	AE3007A1P	AE3007A1P
Engine Serial Number	AE312037	AE312038
Time Since New	35,481 hrs	34,582 hrs

<u>Part</u>	<u>Life</u>	<u>Time Remain</u>	<u>Time Remain</u>
Fan Wheel	20,000 cls	10,472 cls	8,121 cls
Fan Blade Retainer	20,000 cls	10,469 cls	8,121 cls
Shaft, Fan Dive	35,000 cls	6,983 cls	7,903 cls
1 st Stage Wheel, Comp Rotor	30,000 cls	20,472 cls	28,943 cls
2 nd Stage HP Turbine Wheel	30,000 cls	20,472 cls	18,121 cls
3 rd Stage HP Turbine Wheel	24,200 cls	14,672 cls	12,321 cls
4 th Stage HP Turbine Wheel	20,000 cls	20,472 cls	18,121 cls
5 th Stage HP Turbine Wheel	20,000 cls	20,472 cls	18,121 cls
6 th Stage HP Turbine Wheel	30,000 cls	20,472 cls	18,121 cls
7 th Stage HP Turbine Wheel	30,000 cls	20,472 cls	18,121 cls
8 th Stage HP Turbine Wheel	30,000 cls	20,472 cls	18,121 cls
9 th Stage HP Turbine Wheel	30,000 cls	20,472 cls	18,121 cls
10 th Stage HP Turbine Wheel	30,000 cls	20,472 cls	18,121 cls
11 th Stage HP Turbine Wheel	30,000 cls	20,472 cls	18,121 cls
12 th Stage HP Turbine Wheel	30,000 cls	20,472 cls	18,121 cls
13 th Stage HP Turbine Wheel	30,000 cls	20,472 cls	18,121 cls
14 th Stage HP Turbine Wheel	30,000 cls	20,472 cls	18,121 cls
Cone Shaft	30,000 cls	20,472 cls	18,121 cls
Turbine, 1 st Stage HP	35,000 cls	6,980 cls	7,903 cls
Turbine, 2 nd Stage HP	23,000 cls	5,229 cls	8,121 cls
Spacer, 1 st and 2 nd Stage	30,000 cls	7,942 cls	10,900 cls
1 st Stage LP, Turbine Wheel	35,000 cls	6,983 cls	7,903 cls
2 nd Stage LP, Turbine Wheel	35,000 cls	6,983 cls	7,903 cls
3 rd Stage LP, Turbine Wheel	35,000 cls	12,942 cls	7,903 cls
Spacer, Interstage LP Fwd	35,000 cls	6,983 cls	7,903 cls
Spacer, Interstage LP Aft	35,000 cls	6,983 cls	7,903 cls
LPT Fwd Shaft	35,000 cls	12,942 cls	7,903 cls

This aircraft is subject to prior sale or withdrawal from the market and the specifications are subject to verification upon inspection.

These specifications are subject to change as the aircraft is in revenue service.