

THOMAS AVIATION SERVICES, LLC

Embraer 145 LR

Year Manufactured 2002

Serial Number 145571 Registration N26549
TTAF 38,268 hrs TCAF 29,868 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>Limiter</u> | <u>TR</u> |
|----|-----------|-----------|-----------|--------------|--------------|---------------------------|-----------|
| LH | AE312086 | 30,606 | 23,993 | TBA | TBA | 2 nd Stage HPT | 8,698 cls |
| RH | AE312087 | 33,575 | 26,773 | TBA | TBA | 2 nd Stage HPT | 4,907 cls |

AUXILIARY POWER UNIT:

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

| <u>SN</u> | <u>CSLSV</u> | <u>Limiter</u> | <u>TR</u> |
|-----------|--------------|----------------|-----------|
| TBA | TBA | T-Wheel | 7,749 cls |

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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 | 00475 | 14,127 | 5,873 cls | 1,591 |
| LH MLG | 1273 | 14,978 | 5,022 cls | 1,293 |
| RH MLG | 1272 | 14,978 | 5,022 cls | 1,293 |

MAINTENANCE:

| | <u>Interval</u> | <u>Remain</u> |
|----|-----------------|---------------|
| 1C | 5,000 hrs | TBA hrs |
| 2C | 10,000 hrs | 542 hrs |
| 5A | 3,250 hrs | 1,175 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.

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

| | | |
|----------------------|------------|------------|
| Engine Model | AE3007A1P | AE3007A1P |
| Engine Serial Number | AE312086 | AE312087 |
| Time Since New | 30,606 hrs | 33,575 hrs |

| <u>Part</u> | <u>Life</u> | <u>Time Remain</u> | <u>Time Remain</u> |
|---|-------------|--------------------|--------------------|
| Fan Wheel | 20,000 cls | 11,771 cls | 10,460 cls |
| Fan Blade Retainer | 20,000 cls | 11,771 cls | 10,460 cls |
| Shaft, Fan Dive | 35,000 cls | 11,452 cls | 8,227 cls |
| 1 st Stage Wheel, Comp Rotor | 30,000 cls | 21,771 cls | 20,460 cls |
| 2 nd Stage HP Turbine Wheel | 30,000 cls | 21,771 cls | 20,460 cls |
| 3 rd Stage HP Turbine Wheel | 24,200 cls | 15,971 cls | 14,660 cls |
| 4 th Stage HP Turbine Wheel | 20,000 cls | 21,771 cls | 20,460 cls |
| 5 th Stage HP Turbine Wheel | 20,000 cls | 21,771 cls | 20,460 cls |
| 6 th Stage HP Turbine Wheel | 30,000 cls | 21,771 cls | 20,460 cls |
| 7 th Stage HP Turbine Wheel | 30,000 cls | 21,771 cls | 20,460 cls |
| 8 th Stage HP Turbine Wheel | 30,000 cls | 21,771 cls | 20,460 cls |
| 9 th Stage HP Turbine Wheel | 30,000 cls | 21,771 cls | 20,460 cls |
| 10 th Stage HP Turbine Wheel | 30,000 cls | 21,771 cls | 20,460 cls |
| 11 th Stage HP Turbine Wheel | 30,000 cls | 21,771 cls | 20,460 cls |
| 12 th Stage HP Turbine Wheel | 30,000 cls | 21,771 cls | 20,460 cls |
| 13 th Stage HP Turbine Wheel | 30,000 cls | 18,698 cls | 20,460 cls |
| 14 th Stage HP Turbine Wheel | 30,000 cls | 21,771 cls | 20,460 cls |
| Cone Shaft | 30,000 cls | 21,771 cls | 20,460 cls |
| Turbine, 1 st Stage HP | 35,000 cls | 11,452 cls | 8,227 cls |
| Turbine, 2 nd Stage HP | 23,000 cls | 8,698 cls | 4,907 cls |
| Spacer, 1 st and 2 nd Stage | 30,000 cls | 12,369 cls | 8,732 cls |
| 1 st Stage LP, Turbine Wheel | 35,000 cls | 11,452 cls | 8,227 cls |
| 2 nd Stage LP, Turbine Wheel | 35,000 cls | 26,771 cls | 8,227 cls |
| 3 rd Stage LP, Turbine Wheel | 35,000 cls | 11,452 cls | 8,227 cls |
| Spacer, Interstage LP Fwd | 35,000 cls | 11,452 cls | 8,227 cls |
| Spacer, Interstage LP Aft | 35,000 cls | 11,452 cls | 8,227 cls |
| LPT Fwd Shaft | 35,000 cls | 11,452 cls | 8,227 cls |

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