

THOMAS AVIATION SERVICES, LLC

EMBRAER EMB-120ER

Year Manufactured 1999

Serial Number 120352

Registration N584SW

TTAF 31,934 hours

TCAF 43,813 cycles

Owner: Bank of America Merrill Lynch

Times as of October 1, 2017



WEIGHTS:

Maximum Take-off 26,433 lbs

Maximum Zero Fuel 24,030 lbs

Maximum landing 25,794 lbs

Operating Empty TBA lbs

ENGINES:

Engine Type/Model: Pratt & Whitney 118B

Engine Overhaul / Major CAM

| | | |
|--------|----------|----------|
| Engine | AP0049 | AP0019 |
| TSO | 1,373 hr | 3,354 hr |
| TSHSI | 1,373 hr | 3,354 hr |

| <u>Component</u> | <u>Limit</u> | <u>Cls Rem</u> | <u>Cls Rem</u> |
|-------------------------------|--------------|----------------|----------------|
| 1 st Stage PT Disk | 30000 | 16963 | 25405 |
| 2 nd Stage PT Disk | 30000 | 16963 | 25405 |
| Air Interstage Seal | 15000 | 13016 | 10405 |
| HP Disk | 15000 | 13016 | 10405 |
| HP Turbine Front Cover | 11078 | 9094 | 6483 |
| HP Turbine Blades | 15000 | 13016 | 9405 |
| HP Rear Cover | 15000 | 13016 | 10405 |
| HP Impeller | 18072 | 16088 | 13477 |
| LP Impeller | 18115 | 16131 | 13520 |
| LP Disk | 25000 | 16963 | 10402 |

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PROPELLERS:

Propeller Type/Model: Hamilton Standard 14RF-9

Propeller Overhaul 9,000 hrs

| | | <u>SN</u> | <u>TSO (hrs)</u> | <u>TR (hrs)</u> | <u>Due</u> |
|----|----------|------------|------------------|-----------------|------------|
| LH | Hub | 2009070587 | 7,236 | 1,863 | Mar 2018 |
| | Actuator | 911124 | 8,666 | 1,333 | |
| | Blade 1 | 9808072 | 2,616 | 7,383 | Aug 2020 |
| | Blade 2 | 861955 | 8,267 | 1,732 | Aug 2020 |
| | Blade 3 | 887609 | 9,177 | 822 | June 2018 |
| | Blade 4 | 859545 | 5,506 | 4,493 | Mar 2019 |
| | | <u>SN</u> | <u>TSO (hrs)</u> | <u>TR (hrs)</u> | <u>Due</u> |
| RH | Hub | 2010090744 | 4,380 | 4,619 | Oct 2019 |
| | Actuator | 881107 | 4,380 | 5,619 | |
| | Blade 1 | 888104 | 3,380 | 6,619 | Apr 2020 |
| | Blade 2 | 9902023 | 4,141 | 5,858 | Dec 2019 |
| | Blade 3 | 886513 | 2,860 | 7,139 | Jun 2020 |
| | Blade 4 | 888096 | 4,235 | 5,764 | Oct 2017 |

LANDING GEAR:

Main Landing Gear Type: Embraer

MLG Overhaul: 15,000 cycles

| | <u>SN</u> | <u>TSO (cls)</u> | <u>TR (cls)</u> |
|------|-----------|------------------|-----------------|
| LH | B117 | 11,570 | 3,430 |
| RH | B32 | 11,011 | 3,989 |
| Nose | B55 | 12,535 | 2,463 |

AUXILIARY POWER UNIT:

APU Type/Model: Allied Signal/Honeywell

Hot Section Inspection 5,625 hrs

| <u>SN</u> | <u>TSHSI (hrs)</u> | <u>TR (hrs)</u> |
|-----------|--------------------|-----------------|
| P-449 | 2,891 | 1,609 |

INSPECTION STATUS:

| | <u>Inspection</u> | <u>Time Remain</u> |
|-------------|-------------------|--------------------|
| 12-Month | 11/20/2015 | 0 mos |
| C-Check | 31,047 hrs | 3,112 hrs |
| 2C Check | 27,554 hrs | 3,619 hrs |
| 3C Check | 23,552 hrs | 3,617 hrs |
| S4 Check | 39,624 cls | 15,811 cls |
| S6 Check | 31,956 cls | 20,048 cls |
| 2 Year CPCP | 04/20/2016 | 0 mos |

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

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AVIONICS:

| | | |
|-------------------------|----------------|-------------------|
| Triple Comm | Collins | VHF-22A |
| Dual Nav | Collins | VIR-32 |
| Dual Compass | Collins | AHC-85 / EFD-86 |
| Dual RMI | Collins | RMI-36 |
| Dual EFIS | Collins | EFD-86 |
| Display Unit | FlightMax | 800 |
| EHSI | Collins | EHSI-86 |
| Dual DG | Collins | AHC-85 |
| Dual ADC | Collins | ADC-65B |
| Dual DME | Collins | DME-42 |
| ADF | Collins | ADF-60 |
| MPU | Collins | MPU-86H |
| Radar Altimeter | Collins | ALT-55 |
| Dual Encoding Altimeter | Kollsman | 24929-951 / 28704 |
| Radar | Collins | WXT250B |
| Dual Transponder | Collins | TDR-94D / TDR-94 |
| Dual Audio Control | Av-Tech | 5091-1-4 |
| Dual Autopilot | Collins | APC-65B |
| GPS/FMS | Honeywell | GNS-XLS |
| TCAS-2 | BF Goodrich | TCAS 791 |
| EGPWS | Sundstrand | Mk VI |
| FDR | L3 | F1000 |
| CVR | L3 | S200-0012-00 |
| ELT | Dorne Margolin | DMELT-14-1-1 |

INTERIOR:

30 Passenger Commuter interior
Seat Back Trays and Drink Holders
Aft Galley

Flight Attendant Station
Aft Lavatory



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