

THOMAS AVIATION SERVICES, LLC

EMBRAER EMB-120ER

Year Manufactured 1999

Serial Number 120353

Registration N585SW

TTAF 32,814 hours

TCAF 44,813 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 17,078 lbs

ENGINES:

Engine Type/Model: Pratt & Whitney 118B

Engine Overhaul / Major CAM

Engine	AP0054	AP0004
TSO	11,655 hr	7,796 hr
TSHSI	3,179 hr	2 hr

<u>Component</u>	<u>Limit</u>	<u>Cls Rem</u>	<u>Cls Rem</u>
1 st Stage PT Disk	30000	15302	29,998
2 nd Stage PT Disk	30000	15302	29,998
Air Interstage Seal	15000	10999	14,998
HP Disk	15000	10999	14,998
HP Turbine Front Cover	11078	7077	14,998
HP Turbine Blades	15000	9999	14,998
HP Rear Cover	15000	10999	14,998
HP Impeller	18072	3374	7,052
LP Impeller	18115	3418	7,096
LP Disk	14997	10996	14,995

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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	2010120841	2,185	6,814	Mar 2020
	Actuator	970916	2,185	7,814	
	Blade 1	9902822	2,185	7,814	Mar 2020
	Blade 2	886488	9,165	834	Feb 2023
	Blade 3	9812063	1,463	8,536	Aug 2020
	Blade 4	869965	6,608	3,391	July 2017

		<u>SN</u>	<u>TSO (hrs)</u>	<u>TR (hrs)</u>	<u>Due</u>
RH	Hub	20080812	7,923	1,076	Mar 2018
	Actuator	565	2,021	7,978	
	Blade 1	2006121313	1,285	8,714	Apr 2021
	Blade 2	890473	5,733	4,266	Apr 2019
	Blade 3	868702	8,360	1,639	Jan 2018
	Blade 4	885610	2,116	7,884	Jan 2021

LANDING GEAR:

Main Landing Gear Type: Embraer

MLG Overhaul: 15,000 cycles

	<u>SN</u>	<u>TSO (cls)</u>	<u>TR (cls)</u>
LH	097	2,964	12,036
RH	599	868	14,132
Nose	115	12,948	2,052

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-440		984	3,516

INSPECTION STATUS:

	<u>Inspection</u>	<u>Time Remain</u>
12-Month	11/19/2015	0 mos
C-Check	29,111 hrs	297 hrs
2C Check	29,111 hrs	4,297 hrs
3C Check	24,684 hrs	3,870 hrs
S4 Check	39,884 cls	15,071 cls
S6 Check	31,949 cls	19,136 cls
2 Year CPCP	11/19/2015	1 mos

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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
Forward Lavatory



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