

THOMAS AVIATION SERVICES, LLC

EMBRAER EMB-120ER

Year Manufactured 1999

Serial Number 120354

Registration N586SW

TTAF 32,452 hours

TCAF 44,114 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	AP0029	AP0041	
TSO	1,484 hr	1,657 hr	
TSHSI	1,484 hr	1,657 hr	

<u>Component</u>	<u>Limit</u>	<u>Cls Rem</u>	<u>Cls Rem</u>
1 st Stage PT Disk	30000	27954	17603
2 nd Stage PT Disk	30000	27954	17603
Air Interstage Seal	15000	12954	12610
HP Disk	15000	12954	12610
HP Turbine Front Cover	11078	9032	8688
HP Turbine Blades	14000	12954	12610
HP Rear Cover	15000	12954	12610
HP Impeller	18072	16587	15682
LP Impeller	18115	16627	15726
LP Disk	14997	12951	12607

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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	2010090387	5,602	3,397	Mar 2019
	Actuator	930811	3,417	6,582	
	Blade 1	887830	2,823	7,177	Aug 2020
	Blade 2	887527	8,352	1,648	Jan 2018
	Blade 3	2014090244	261	9,739	Dec 2021
	Blade 4	884944	9,202	797	Aug 2017

		<u>SN</u>	<u>TSO (hrs)</u>	<u>TR (hrs)</u>	<u>Due</u>
RH	Hub	2009090566	5,578	3,421	Aug 2018
	Actuator	970329	5,578	4,421	
	Blade 1	9904020	475	9,524	Aug 2021
	Blade 2	2010121101	600	9,399	July 2021
	Blade 3	2010011055	546	9,453	Aug 2021
	Blade 4	861412	6,180	3,819	May 2018

LANDING GEAR:

Main Landing Gear Type: Embraer

MLG Overhaul: 15,000 cycles

	<u>SN</u>	<u>TSO (cls)</u>	<u>TR (cls)</u>
LH	607	9,850	5,150
RH	B6	3	14,997
Nose	310	2,693	12,307

AUXILIARY POWER UNIT:

APU Type/Model: Allied Signal/Honeywell

Hot Section Inspection 4,500 hrs

<u>SN</u>	<u>TSHSI (hrs)</u>	<u>TR (hrs)</u>
P-404	504	3,996

INSPECTION STATUS:

	<u>Inspection</u>	<u>Time Remain</u>
12-Month	1/1/2016	0 mos
C-Check	28,918 hrs	466 hrs
2C Check	28,918 hrs	4,466 hrs
3C Check	24,125 hrs	3,673 hrs
S4 Check	39,754 cls	15,640 cls
S6 Check	31,792 cls	19,648 cls
2 Year CPCP	1/8/2016	3 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
Aft Lavatory



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