

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

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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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