

# Aircraft Specification & Maintenance Status

Please complete as much information as is available

Aircraft Identification	
Model	EMB 120ER
Engine Type	PW118 / PW118B
Date of Manufacture	01-oct-98

Weights & Capacities (lbs/kgs)	
MTOW	26433 lbs - 11990 kgs
MZFW	24030 lbs - 10900 kgs
MLW	25794 lbs - 11700 kgs
OEW	16711 lbs - 7580 kgs
Fuel Capacity	6036 lbs - 2738 kgs

Airframe & Landing Gear Maintenance Status											
Tot. Time Since New		33808	Hours	44769	Cycles	Data as of		April 18, 2025			
	Event Est. Cost		Program Interval			Time Since Last			Next Due		
	Total	Per Hr/Cyc/Mo	Hours	Cycles	Months	Hours	Cycles	Months	Hours	Cycles	Months
C-Check			4000			29205,70		UNK	33205,70		
Nose Gear			N/A	15000			29021	UNK		44021	
Left Main Gear			N/A	15000			UNK	UNK		UNK	
Right Main Gear			N/A	15000			29687	UNK		44687	

Engine Maintenance Status <span style="color: red;">**Important** Please attach Disk Sheets</span>											
	Serial Number	Type	Thrust	Est. Shop Visit Cost		Data as of	Time Since New		Time Since Last Shop Visit		Limiters
				Total	Per Hour/Cycle		Hours	Cycles	Hours	Cycles	Cycles
#1	115014	PW118	N/A			April 18, 2025	23281,5	22455	9954,3	10170	1395
#2	AP0013	PW118B	N/A			April 18, 2025	40643,27	58967	14692,66	21021	63

Current Engine Hours and Cycles

**Engine Serial: PCE 115014**

**Position: Left Side**

**Model Type: PW118**

<b>ETSN</b>	23281.5	<b>ETSO</b>	9954.3	<b>TSLHSI</b>	2284.4	hrs.
<b>ECSN</b>	22455	<b>ECSO</b>	10170			
<b>Component</b>	<b>Part No.</b>	<b>Serial No.</b>	<b>Remaining</b>	<b>Done</b>	<b>Life Limit</b>	
HP TURBINE BLADES (38 EACH)	3116701-01	Various	11804	3196	15000	Cycs
AIR INTERSTAGE SEAL	3041474	TPAA7034	1395	13605	15000	Cycs
HP TURBINE REAR COVER	3041486	A003127Y	1395	13605	15000	Cycs
HP TURBINE FRONT COVER	3049049-01	A003015E	1395	13605	15000	Cycs
HP DISK	3045591	A003144D	1395	13605	15000	Cycs
LP IMPELLER	3035569	3C948	2545	22455	25000	Cycs
2 ND STAGE PT DISK	3033914	8P374	7545	22455	30000	Cycs
1 ST STAGE PT DISK	3035613	1R828	7545	22455	30000	Cycs
HP IMPELLER	3043243	A0001T1F	19830	10170	30000	Cycs
LP DISK	3035612	8P363	7545	22455	30000	Cycs
PT Blades (set 66)	3120963-01	Various	10045.9	9954.1	20000	Hrs.

Date of Report: 18-Apr-25

Current Engine Hours and Cycles

TSN (Hrs)      TSO (Hrs)      CSN (Cycs)      CSO (Cycs)  
 40643.27      14692.66      58967      21021

Engine Serial: AP0013

Position: Right Side

Model Type: PW118B

Engine Life Components							
Component	Part No.	Serial No.	Remaining	Done	Life Limit		Flt. Factor
HP TURBINE BLADES (38 EACH)*	3115601-01	Various	3978	11022	15000	Cycles	1
AIR INTERSTAGE SEAL	3039172	UAAA2283	3978	11022	15000	Cycles	1
HP TURBINE REAR COVER	3039639	A0031EA0	3978	11022	15000	Cycles	1
HP TURBINE FRONT COVER	3039640	A0031R82	63	14937	15000	Cycles	1.354
HP DISK	3041511	A0031055	3978	11022	15000	Cycles	1
PT Blades	3120963-01	Various	7674.5	15414.67	20000	Hours	1
LP IMPELLER	3040689	A0028RD8	2974	22026	25000	Cycles	1
2nd STAGE PT DISK	3033914	A0034R5T	18978	11022	30000	Cycles	1
1 ST STAGE PT DISK	3038613	A002Y6RR	18978	11022	30000	Cycles	1
HP IMPELLER	3043294	A0028L1A	1784	13216	15000	Cycles	0.6
LP DISK	3036412	A0037AY3	6626	18374	25000	Cycles	1.667

Note 1: Skywest recorded and used Abbreviated Cycles when engine was in their possession.

Note 2: ICA do not record or use Abbreviated Cycles but instead uses Full Cycle due to operation

Note 3: Calculation Base on Full Cycles ONLY and Cycles remaining IAW Skywest Component record dated 2015.

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