

AIRCRAFT SPECIFICATIONS

Embraer 120ER REF 2026-033

Date Compiled:		17/03/2026	
Make and Model:		Embraer - 120ER - 1995	
Total Time - Airframe		41020.8	Hrs
		Ldgs	54520

Engine Type	Pratt & Whitney PW118B			
Engine No	PORT:	115676	STAR:	115650
Engine Time (TSN)	PORT:	39521.8	STAR:	41426.9
Engine Time (TSO)	PORT:	11451.1	STAR:	11367.1
Engine Cycles (CSN)	PORT:	50838	STAR:	50746
Engine Cycles (CSO)	PORT:	11370	STAR:	11326
Engine Time Since H.S.I.	PORT:	5877.2	STAR:	310.4
Gearbox Type	Pratt & Whitney PW118B			
Gearbox Serial No	PORT:	115676	STAR:	115650
Gearbox (TSN)	PORT:	39521.8	STAR:	11367.1
Gearbox (TSO)	PORT:	11451.1	STAR:	11367.1
Gearbox (CSN)	PORT:	50838	STAR:	50746
Gearbox (CSO)	PORT:	11368	STAR:	11326

Engine component life remaining (cycles unless otherwise specified)				
LP Impeller (3040689)	PORT:	6745	STAR:	6746
LP Disk: (3036412)	PORT:	3627	STAR:	3671
HP Impeller (3043294)	PORT:	6746	STAR:	6746
HP Turbine Blades (3115601-01)	PORT:	11451.2 Time Since New	STAR:	11367.1 Time Since New
HP Disk (3041511)	PORT:	3630	STAR:	3674
HP Front Cover (3039640)	PORT:	6385	STAR:	3452
HP Rear Cover (3039639)	PORT:	3630	STAR:	3674
I/S Air Seal (3039172)	PORT:	3630	STAR:	3674
#1 P.T. Disk (3038613)	PORT:	18630	STAR:	7694
#2 P.T. Disk (3033914)	PORT:	5966	STAR:	7694
1st P.T. Blades (3120963-01)	PORT:	Refer Historic Records	STAR:	Refer Historic Records

Propellers Type	Hamilton Standard 14RF-9				
Propellers Serial No	PORT:	2014020128	STAR:	474	
Propeller Hub (TT)	PORT:	Unknown	STAR:	Unknown	
Propeller Hub (TSO)	PORT:	650.7	STAR:	310.4	
Propeller Hub Overhaul Due Date	PORT:	20-Jul-29	STAR:	19-Apr-31	
Actuators: (Hours remaining)	PORT:	1470.1	STAR:	2264.2	
<u>Blade Pos 1 S/N:</u>	PORT:	887525	STAR:	856818	
TSO:	PORT:	784.6	STAR:	784.6	
Calendar Due Date:	PORT:	17-Jun-27	STAR:	12-Jan-28	
<u>Blade Pos 2 S/N:</u>	PORT:	887496	STAR:	887426	
TSO:	PORT:	310.4	STAR:	310.4	
Calendar Due Date:	PORT:	19-Apr-31	STAR:	19-Apr-31	
<u>Blade Pos 3 S/N:</u>	PORT:	886340	STAR:	9806039	
TSO:	PORT:	724.7	STAR:	724.7	
Calendar Due Date:	PORT:	27-Jul-28	STAR:	27-Jul-28	
<u>Blade Pos 4 S/N:</u>	PORT:	886052	STAR:	887644	
TSO:	PORT:	755.2	STAR:	310.4	
Calendar Due Date:	PORT:	17-Nov-32	STAR:	19-Apr-31	
Undercarriage (CSO)	PORT:	5699	STAR:	5412	
	O/H Date	PORT:	24/08/2016	STAR:	24/11/2017
		NOSE:	10164	NOSE:	20/01/2009

AIRCRAFT SPECIFICATIONS

Embraer 120ER REF 2026-033

DOCUMENTATION			
	Date of Issue		Expiry Date
Certificate of Airworthiness	03/06/2012		31/07/2026
Certificate of Registration	20/04/2011		--
Radio Station License	01/03/2012		31/03/2028
Release to Service	--		17/11/2026
Mass & Balance	11/05/2021		09/05/2026
Certificate of Insurance	--		30/06/2026
EQUIPMENT			
ADF	Collins ADF-60A	XPONDER x2	Collins TDR-98
DME	Collins DME-42	AIR DATA CONTROL X2	Collins ADS-65
VOR RECEIVER	Collins VIR-32	VHF x2	Collins VHF-22A
ELT	DorneMarcolin	FLIGHT CONTROLLER	Collins APP-65A
RADAR	Collins WPX-05C	AUTO PILOT x2	Collins APC-65B
PANEL CONTROL	Collins CTL-32	CONTROL PANEL x2	Collins CTL22
VHF/COM ANTENNA	Chelton	CVR	A100A + Blue90 ULB
FDR	S800-2000-00 + Blue90 ULB	TCAS	TCAS II
Extras:			
Seating: 30 Pax & 3 Crew			