

TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.229

for

EMB-110

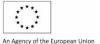
Type Certificate Holder: Embraer S.A.

Av. Brig. Faria Lima. 2170 12227-901 São Jose dos Campos SP Brazil

For models: EMB-110K1 EMB-110P1 EMB-110P2



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An Agency of the European Union

TCDSN No.: EASA.IM.A.229 Issue: 2					Page 3 of 7 Date: 20 January 2022
Type Certificate Holder ¹	Embraer S.A.		Aircraft Type Designation ¹	EMB-110K1	
Engine Manufacturer ¹	Pratt & Whitney Canada		Engine Type Designation ¹	PT6A-34	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹	6	

EASA	EASA Propeller Propeller Type		Additional modifications essential to meet the	Maximum	Overflight dB(A)		500
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
C14241	Hartzell Propeller Inc.	HC-B3TN-3()/T10178()()- 8R	None	5,670	77.3	80.0	-

¹ See Note 1.



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Type Certificate Holder ¹	Embraer S.A.		Aircraft Type Designation ¹	EMB-110P1
Engine Manufacturer ¹	Pratt & Whitney Canada		Engine Type Designation ¹	PT6A-34
Noise Certification Basis	ICAO Annex 16, Volume I Ed	dition / Amendment	Chapter ¹	6

EASA	EASA Propeller Propeller Type		Additional modifications essential to meet the	Maximum	Overflight dB(A)		Sec.
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
C14249	Hartzell Propeller Inc.	HC-B3TN-3()/T10178()()- 8R	None	5,670	77.3	80.0	-

¹ See Note 1.



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TCDSN No.: EASA.IM.A.229 Issue: 2				Date: 20 Ja	Page 5 of 7 anuary 2022
Type Certificate Holder ¹	Embraer S.A.		Aircraft Type Designation ¹ E	MB-110P2	
Engine Manufacturer ¹	Pratt & Whitney Canada		Engine Type Designation ¹	T6A-34	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹	6	

EASA	EASA Propeller Propeller Type Additional modi		Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
C14246	Hartzell Propeller Inc.	HC-B3TN-3()/T10178()()- 8R	None	5,670	77.3	80.0	-

¹ See Note 1.



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CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12	13
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5	6

TCDSN EASA.IM.A.229 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.



Change Record

Issue	Date	Changes
01	03 May 2021	Initial Issue
02	20 January 2022	Transfer of Type Certificate Holder from Yaborã Indústria Aeronáutica
		S.A. to Embraer S.A.

