

**Civil Aviation Authority
United Kingdom**



TYPE-CERTIFICATE DATA SHEET FOR NOISE

UK.TC.A.00091

for

EMBRAER EMB-505

Type Certificate Holder

EMBRAER S.A.

Av. Brigadeiro Faria Lima. 2170
12227-901 São José dos Campos - SP
Brazil

Model(s) EMB-505

Issue: 1

Date of issue: 19 December 2023

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Type Designation	Airframe Modification	MTOW (kg)	MLW (kg)	Engine	Regulation Ed./Amend. Chapter	Lateral Level (EPNdB)	Lateral Limit (EPNdB)	Flyover Level (EPNdB)	Flyover Limit (EPNdB)	Approach Level (EPNdB)	Approach Limit (EPNdB)	Notes	Record Number
EMB-505	None	8,150	7,650	Pratt & Whitney Canada, Inc. PW535E	Annex 16/I 4/8 Chapter 4	88.8	94.0	69.9	89.0	88.5	98.0	None	A14221
EMB-505	None	8,340	7,730	Pratt & Whitney Canada, Inc. PW535E	Annex 16/I 5/9 Chapter 4	88.7	94.0	70.6	89.0	88.4	98.0	None	A18891
EMB-505	None	8,415	7,835	Pratt & Whitney Canada, Inc. PW535E1	Annex 16/I 7/11-B Chapter 4	89.2	94.0	70.6	89.0	88.9	98.0	None	A19390
EMB-505	SB 505-27-0011 Removal of full flap limitation	8,150	7,650	Pratt & Whitney Canada, Inc. PW535E	Annex 16/I 5/9 Chapter 4	88.8	94.0	69.9	89.0	88.9	98.0	None	A18892
EMB-505	SB 505-27-0011 Removal of full flap limitation	8,340	7,730	Pratt & Whitney Canada, Inc. PW535E	Annex 16/I 5/9 Chapter 4	88.7	94.0	70.6	89.0	88.9	98.0	None	A18893

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Administration

I. Acronyms and Abbreviations

Acronym / Abbreviation	Definition
Ed./Amend.	Edition/Amendment
EPNdB	Effective perceived noise decibel
MTOW	Maximum take-off weight
MLW	Maximum landing weight
Regulation Annex 16/I	ICAO Annex 16 Volume I
TCDSN	Type Certificate Data Sheet for Noise

II. Type Certificate Holder Record

TCH Record	Period
EMBRAER S.A. Av. Brigadeiro Faria Lima. 2170 12227-901 São José dos Campos – SP Brazil	Present. No changes.

III. Amendment Record

TCDSN Issue No.	TCDSN Issue Date	Changes	TC Issue and Date
1	19 December 2023		Issue 1 19 December 2023