

**Civil Aviation Authority  
United Kingdom**



**TYPE-CERTIFICATE DATA SHEET FOR NOISE**

**UK.TC.A.00075**

for

**EMBRAER EMB-550**

Type Certificate Holder

**EMBRAER S.A.**

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

Model(s) EMB-545  
EMB-550

Issue: 1

Date of issue: 20 December 2024

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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-545	None	16,000	14,750	Honeywell International Inc. AS-907-3-1E	Annex 16/6/10 Chapter 4	84.2	94.0	72.8	89.0	89.9	98.0	None	A19098
EMB-545	None	16,220	14,750	Honeywell International Inc. AS-907-3-1E	Annex 16/6/10 Chapter 4	84.2	94.0	72.9	89.0	89.9	98.0	None	A19130
EMB-545	DCA 0550-000-00100-2018 Performance enhancement	17,040	15,500	Honeywell International Inc. AS-907-3-1E	Annex 16/7/11-B Chapter 4	84.1	94.0	73.5	89.0	89.9	98.0	None	A19271
EMB-550	None	17,200	15,480	Honeywell International Inc. AS-907-3-1E	Annex 16/6/10 Chapter 4	85.6	94.0	73.1	89.0	89.9	98.0	None	A19058
EMB-550	DCA 0550-000-00026-2016 Performance enhancement	19,440	17,000	Honeywell International Inc. AS-907-3-1E	Annex 16/6/10 Chapter 4	86.9	94.0	75.1	89.0	90.3	98.0	None	A19266
EMB-550	SB 550-042-0004 Weight increase	17,400	15,660	Honeywell International Inc. AS-907-3-1E	Annex 16/6/10 Chapter 4	85.6	94.0	73.4	89.0	89.9	98.0	None	A19081

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**Administration**

**I. Acronyms and Abbreviations**

<b>Acronym / Abbreviation</b>	<b>Definition</b>
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**

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

**III. Amendment Record**

<b>TCDSN Issue No.</b>	<b>TCDSN Issue Date</b>	<b>Changes</b>	<b>TC Issue and Date</b>
1	20 December 2024		Issue 1 20 December 2024