



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.526

for

EMB-550

Type Certificate Holder:

Embraer

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

For models: EMB-545
EMB-550



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Type Certificate Holder¹ **Embraer** Aircraft Type Designation¹ **EMB-545**
(Commercial Designation) **Legacy 450)**

Engine Manufacturer¹ **Honeywell International Inc.** Engine Type Designation¹ **AS-907-3-1E**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 6 / Amendment 10** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A19130	16,220	14,750	84.2	94.0	72.9	89.0	89.9	98.0	-
A19098	16,000	14,750	84.2	94.0	72.8	89.0	89.9	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **Embraer** Aircraft Type Designation¹ **EMB-550**
(Commercial Designation) **Legacy 500)**

Engine Manufacturer¹ **Honeywell International Inc.** Engine Type Designation¹ **AS-907-3-1E**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 6 / Amendment 10** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A19266	19,440	17,000	86.9	94.0	75.1	89.0	90.3	98.0	-
A19081	17,400	15,660	85.6	94.0	73.4	89.0	89.9	98.0	-
A19265	17,400	15,660	85.5	94.0	73.1	89.0	89.9	98.0	-
A19264	17,200	15,480	85.5	94.0	72.8	89.0	89.9	98.0	-
A19058	17,200	15,480	85.6	94.0	73.1	89.0	89.9	98.0	-

¹ See Note 1.



TCDSN EASA.IM.A.526 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
Issue 1	23 April 2019	Initial Issue
Issue 2	09 September 2015	Added EMB-545
Issue 3	28 July 2016	Added increased MTOW
Issue 4	23 April 2019	New MTOW variant

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