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## TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.IM.A.526**

**for**

**EMB-550**

**Type Certificate Holder:**

**Embraer S.A.**

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

For models:

EMB-545

EMB-550



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Type Certificate Holder<sup>1</sup>      **Embraer S.A.**      Aircraft Type Designation<sup>1</sup>      **EMB-545**  
 (Commercial Designation      **Legacy 450)**

Engine Manufacturer<sup>1</sup>      **Honeywell International Inc.**      Engine Type Designation<sup>1</sup>      **AS-907-3-1E**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 6 / Amendment 10**      Chapter<sup>1</sup>      **4**

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

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Embraer S.A.**      Aircraft Type Designation<sup>1</sup>      **EMB-545**  
 (Commercial Designation      **Praetor 500)**

Engine Manufacturer<sup>1</sup>      **Honeywell International Inc.**      Engine Type Designation<sup>1</sup>      **AS-907-3-1E**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 7 / Amendment 11-B**      Chapter<sup>1</sup>      **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A19271	<b>17,040</b>	<b>15,500</b>	<b>84.1</b>	<b>94.0</b>	<b>73.5</b>	<b>89.0</b>	<b>89.9</b>	<b>98.0</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Embraer S.A.**      Aircraft Type Designation<sup>1</sup>      **EMB-550**  
 (Commercial Designation      **Legacy 500)**

Engine Manufacturer<sup>1</sup>      **Honeywell International Inc.**      Engine Type Designation<sup>1</sup>      **AS-907-3-1E**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 6 / Amendment 10**      Chapter<sup>1</sup>      **4**

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

<sup>1</sup> See Note 1.



**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.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**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
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
Issue 5	25 March 2022	TC holder revised
Issue 6	28 March 2023	Added record A19271
Issue 7	07 March 2024	Deleted records A19264 and A19265

