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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	¹ Embrae	er S.A.				Aircraft Type Desi Commercial Desi	•	MB-545 egacy 450)	
I	Engine Manufacturer ¹	Honey	well International	Inc.		E	Engine Type Desig	gnation ¹	AS-907-3-1E	
	Additional modification certificated noise levels		eet the requireme	nts or needed t	o attain the	None				
I	Noise Certification Basi	s ICAO A	nnex 16, Volume	Edition / An	nendment	Edition 6 / Am	endment 10	Chapter ¹	4	
	FACA	Maximu	um Mass	Latera	I EPNL	Flyove	er EPNL	Approa	ch EPNL	<u>faa</u>
	EASA Record No.	Take-off ¹	Landing	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note

94.0

94.0

72.9

72.8

89.0

89.0

89.9

89.9

98.0

98.0

-

-

¹ See Note 1.



A19130

A19098

(kg)

16,220

16,000

(kg)

14,750

14,750

84.2

84.2

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Type Certificate Holder ¹	Embraer S.A.		Aircraft Type Desi (Commercial Desi	-	EMB-545 Praetor 500)	
Engine Manufacturer ¹	Honeywell International I	nc.	Engine Type Desig	nation ¹	AS-907-3-1E	
Additional modifications esse certificated noise levels ¹	ntial to meet the requiremer	its or needed to attain the	None			
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 7 / Amendment 11-B	Chapter	-1 4	
	Maximum Mass	Lateral FPNI	Flyover FPNI	Apr	proach EPNI	

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

¹ See Note 1.



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-	Гуре Certificate Holder	¹ Embrae	er S.A.				Sircraft Type Desi Commercial Desi	-	E MB-550 Legacy 500)	
I	Engine Manufacturer ¹	Honeyv	vell International	Inc.		E	ngine Type Desig	nation ¹	AS-907-3-1E	
Additional modifications essential to meet the requirements or needed to attain the None certificated noise levels ¹										
I	Noise Certification Basi	s ICAO A	nnex 16, Volume	I Edition / An	nendment	Edition 6 / Amo	endment 10	Chapter ¹	4	
	EASA	Maximu	um Mass	Latera	I EPNL	Flyove	r EPNL	Approa	ach EPNL	600
	Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note

94.0

94.0

94.0

75.1

73.4

73.1

89.0

89.0

89.0

90.3

89.9

89.9

98.0

98.0

98.0

-

-

-

¹ See Note 1.



A19266

A19081

A19058

19,440

17,400

17,200

17,000

15,660

15,480

86.9

85.6

85.6

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

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
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

