

TYPE-CERTIFICATE DATA SHEET FOR NOISE

UK.TC.A.00070

for

EMBRAER ERJ 170

Type Certificate Holder

EMBRAER S.A.

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

Model(s) ERJ 170-100 STD
 ERJ 170-100 LR
 ERJ 170-200 STD
 ERJ 170-200 LR

Issue: 1

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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
ERJ 170-100 LR	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	34,000	32,800	General Electric CF34-8E5	Annex 16/I Chapter 3	92.3	94.0	80.7	89.0	93.6	98.0	None	A19129
ERJ 170-100 LR	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	34,850	32,800	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.4	94.0	81.6	89.0	93.5	98.0	None	A19073
ERJ 170-100 LR	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	34,850	32,800	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.4	94.0	80.9	89.0	93.5	98.0	None	A19074
ERJ 170-100 LR	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	35,990	32,800	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.3	94.1	83.0	89.0	93.5	98.1	None	A19075
ERJ 170-100 LR	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	35,990	32,800	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.3	94.1	82.2	89.0	93.5	98.1	None	A19076
ERJ 170-100 LR	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	37,200	32,800	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.0	94.2	83.2	89.0	93.6	98.2	None	A18851
ERJ 170-100 LR	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	37,200	32,800	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.3	94.2	84.1	89.0	93.5	98.2	None	A19069
ERJ 170-100 LR	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	37,200	32,800	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.0	94.2	82.5	89.0	93.6	98.2	None	A18858
ERJ 170-100 LR	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	37,200	32,800	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.3	94.2	83.3	89.0	93.5	98.2	None	A19070
ERJ 170-100 LR	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	37,200	33,300	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.0	94.2	83.2	89.0	93.6	98.2	None	A18850
ERJ 170-100 LR	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	37,200	33,300	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.0	94.2	82.5	89.0	93.6	98.2	None	A18857
ERJ 170-100 LR	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	38,600	33,300	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	91.9	94.4	84.3	89.0	93.6	98.3	None	A18855
ERJ 170-100 LR	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	38,600	33,300	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.2	94.4	85.3	89.0	93.5	98.3	None	A19077
ERJ 170-100 LR	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	38,600	33,300	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	92.9	94.4	83.4	89.0	93.6	98.3	None	A18861
ERJ 170-100 LR	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	38,600	33,300	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.1	94.4	84.4	89.0	93.5	98.3	None	A19079
ERJ 170-100 LR	Embraer DWG 171-15317-001 & P/N 171-12124-801 SILENT kit & Flap 6 Inhibitor, Inst	34,000	32,800	General Electric CF34-8E5	Annex 16/I Chapter 3	90.8	94.0	79.1	89.0	94.3	98.0	None	A19131
ERJ 170-100 LR	None	34,000	32,800	General Electric CF34-8E5	Annex 16/I Chapter 3	92.3	94.0	80.7	89.0	94.9	98.0	None	A19128
ERJ 170-100 LR	None	34,850	32,800	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.4	94.0	81.6	89.0	94.9	98.0	None	A5128
ERJ 170-100 LR	None	34,850	32,800	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.4	94.0	80.9	89.0	94.9	98.0	None	A5133
ERJ 170-100 LR	None	35,990	32,800	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.3	94.1	83.0	89.0	94.9	98.1	None	A6639
ERJ 170-100 LR	None	35,990	32,800	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.3	94.1	82.2	89.0	94.9	98.1	None	A6640

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
ERJ 170-100 LR	None	37,200	32,800	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.0	94.2	83.2	89.0	94.9	98.2	None	A3133
ERJ 170-100 LR	None	37,200	32,800	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.3	94.2	84.1	89.0	94.9	98.2	None	A5125
ERJ 170-100 LR	None	37,200	32,800	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.0	94.2	82.5	89.0	94.9	98.2	None	A3136
ERJ 170-100 LR	None	37,200	32,800	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.3	94.2	83.3	89.0	94.9	98.2	None	A5130
ERJ 170-100 LR	None	37,200	33,300	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.0	94.2	83.2	89.0	94.9	98.2	None	A3139
ERJ 170-100 LR	None	37,200	33,300	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.0	94.2	82.5	89.0	94.9	98.2	None	A3142
ERJ 170-100 LR	None	38,600	33,300	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	91.9	94.4	84.3	89.0	94.9	98.3	None	A18847
ERJ 170-100 LR	None	38,600	33,300	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.2	94.4	85.3	89.0	94.9	98.3	None	A18842
ERJ 170-100 LR	None	38,600	33,300	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	92.9	94.4	83.4	89.0	94.9	98.3	None	A18849
ERJ 170-100 LR	None	38,600	33,300	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.1	94.4	84.4	89.0	94.9	98.3	None	A18844
ERJ 170-100 LR	P/N 171-15317-001 SILENT kit	34,000	32,800	General Electric CF34-8E5	Annex 16/I 5/9 Chapter 4	90.8	94.0	79.1	89.0	95.1	98.0	None	A19132
ERJ 170-100 LR	P/N 171-15317-001 SILENT kit	34,850	32,800	General Electric CF34-8E5	Annex 16/I 5/9 Chapter 4	90.7	94.0	79.8	89.0	95.1	98.0	None	A18875
ERJ 170-100 LR	P/N 171-15317-001 SILENT kit	34,850	32,800	General Electric CF34-8E5A1	Annex 16/I 5/9 Chapter 4	92.2	94.0	79.2	89.0	95.1	98.0	None	A18876
ERJ 170-100 LR	P/N 171-15317-001 SILENT kit	37,200	32,800	General Electric CF34-8E5	Annex 16/I 5/9 Chapter 4	90.6	94.2	81.9	89.0	95.1	98.2	None	A18881
ERJ 170-100 LR	P/N 171-15317-001 SILENT kit	37,200	32,800	General Electric CF34-8E5A1	Annex 16/I 5/9 Chapter 4	91.9	94.2	81.2	89.0	95.1	98.2	None	A18882
ERJ 170-100 LR	P/N 171-15317-001 SILENT kit	37,200	33,300	General Electric CF34-8E5	Annex 16/I 5/9 Chapter 4	90.6	94.2	81.9	89.0	95.1	98.2	None	A18883
ERJ 170-100 LR	P/N 171-15317-001 SILENT kit	37,200	33,300	General Electric CF34-8E5A1	Annex 16/I 5/9 Chapter 4	91.9	94.2	81.2	89.0	95.1	98.2	None	A18884
ERJ 170-100 LR	P/N 171-15317-001 SILENT kit	38,600	33,300	General Electric CF34-8E5	Annex 16/I 5/9 Chapter 4	90.4	94.4	83.2	89.0	95.1	98.3	None	A18885
ERJ 170-100 LR	P/N 171-15317-001 SILENT kit	38,600	33,300	General Electric CF34-8E5A1	Annex 16/I 5/9 Chapter 4	91.8	94.4	82.3	89.0	95.1	98.3	None	A18887
ERJ 170-100 LR	P/N 171-22644-001 Recertification Chapter 4	34,000	32,800	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.3	94.0	80.7	89.0	94.9	98.0	P/N 171-22644-001 installed via SB 170-00-0070	E700176
ERJ 170-100 LR	P/N 171-22644-001 Recertification Chapter 4	34,000	32,800	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.5	94.0	81.4	89.0	94.9	98.0	P/N 171-22644-001 installed via SB 170-00-0070	A19625

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
ERJ 170-100 LR	P/N 171-22644-001 Recertification Chapter 4	34,850	32,800	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.4	94.0	81.6	89.0	94.9	98.0	P/N 171-22644-001 installed via SB 170-00-0070	E700164
ERJ 170-100 LR	P/N 171-22644-001 Recertification Chapter 4	34,850	32,800	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.4	94.0	80.9	89.0	94.9	98.0	P/N 171-22644-001 installed via SB 170-00-0070	E700168
ERJ 170-100 LR	P/N 171-22644-001 Recertification Chapter 4	35,990	32,800	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.3	94.1	83.0	89.0	94.9	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700162
ERJ 170-100 LR	P/N 171-22644-001 Recertification Chapter 4	35,990	32,800	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.3	94.1	82.2	89.0	94.9	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700166
ERJ 170-100 LR	P/N 171-22644-001 Recertification Chapter 4	37,200	32,800	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.0	94.2	83.2	89.0	94.9	98.2	P/N 171-22644-001 installed via SB 170-00-0070	E700172
ERJ 170-100 LR	P/N 171-22644-001 Recertification Chapter 4	37,200	32,800	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.3	94.2	84.1	89.0	94.9	98.2	P/N 171-22644-001 installed via SB 170-00-0070	E700161
ERJ 170-100 LR	P/N 171-22644-001 Recertification Chapter 4	37,200	32,800	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.0	94.2	82.5	89.0	94.9	98.2	P/N 171-22644-001 installed via SB 170-00-0070	E700181
ERJ 170-100 LR	P/N 171-22644-001 Recertification Chapter 4	37,200	32,800	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.3	94.2	83.3	89.0	94.9	98.2	P/N 171-22644-001 installed via SB 170-00-0070	E700165
ERJ 170-100 LR	P/N 171-22644-001 Recertification Chapter 4	37,200	33,300	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.0	94.2	83.2	89.0	94.9	98.2	P/N 171-22644-001 installed via SB 170-00-0070	E700171
ERJ 170-100 LR	P/N 171-22644-001 Recertification Chapter 4	37,200	33,300	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.0	94.2	82.5	89.0	94.9	98.2	P/N 171-22644-001 installed via SB 170-00-0070	E700180
ERJ 170-100 LR	P/N 171-22644-001 Recertification Chapter 4	38,600	33,300	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	91.9	94.4	84.3	89.0	94.9	98.3	P/N 171-22644-001 installed via SB 170-00-0070	E700169
ERJ 170-100 LR	P/N 171-22644-001 Recertification Chapter 4	38,600	33,300	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	92.9	94.4	83.4	89.0	94.9	98.3	P/N 171-22644-001 installed via SB 170-00-0070	E700178
ERJ 170-100 LR	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	34,000	32,800	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.3	94.0	80.7	89.0	93.6	98.0	P/N 171-22644-001 installed via SB 170-00-0070	E700153
ERJ 170-100 LR	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	34,000	32,800	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.5	94.0	81.4	89.0	93.5	98.0	P/N 171-22644-001 installed via SB 170-00-0070	A19620
ERJ 170-100 LR	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	34,850	32,800	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.4	94.0	81.6	89.0	93.5	98.0	P/N 171-22644-001 installed via SB 170-00-0070	E700141
ERJ 170-100 LR	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	34,850	32,800	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.4	94.0	80.9	89.0	93.5	98.0	P/N 171-22644-001 installed via SB 170-00-0070	E700145
ERJ 170-100 LR	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	35,990	32,800	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.3	94.1	83.0	89.0	93.5	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700140
ERJ 170-100 LR	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	35,990	32,800	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.3	94.1	82.2	89.0	93.5	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700144
ERJ 170-100 LR	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	37,200	32,800	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.0	94.2	83.2	89.0	93.6	98.2	P/N 171-22644-001 installed via SB 170-00-0070	E700149
ERJ 170-100 LR	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	37,200	32,800	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.3	94.2	84.1	89.0	93.5	98.2	P/N 171-22644-001 installed via SB 170-00-0070	E700138
ERJ 170-100 LR	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	37,200	32,800	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.0	94.2	82.5	89.0	93.6	98.2	P/N 171-22644-001 installed via SB 170-00-0070	E700157

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
ERJ 170-100 LR	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	37,200	32,800	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.3	94.2	83.3	89.0	93.5	98.2	P/N 171-22644-001 installed via SB 170-00-0070	E700142
ERJ 170-100 LR	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	37,200	33,300	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.0	94.2	83.2	89.0	93.6	98.2	P/N 171-22644-001 installed via SB 170-00-0070	E700148
ERJ 170-100 LR	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	37,200	33,300	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.0	94.2	82.5	89.0	93.6	98.2	P/N 171-22644-001 installed via SB 170-00-0070	E700156
ERJ 170-100 LR	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	38,600	33,300	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	91.9	94.4	84.3	89.0	93.6	98.3	P/N 171-22644-001 installed via SB 170-00-0070	E700146
ERJ 170-100 LR	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	38,600	33,300	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	92.9	94.4	83.4	89.0	93.6	98.3	P/N 171-22644-001 installed via SB 170-00-0070	E700154
ERJ 170-100 STD	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	34,000	32,800	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.3	94.0	80.7	89.0	93.6	98.0	None	A18854
ERJ 170-100 STD	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	34,000	32,800	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.2	94.0	80.1	89.0	93.6	98.0	None	A18863
ERJ 170-100 STD	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	35,990	32,800	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.1	94.1	82.2	89.0	93.6	98.1	None	A18853
ERJ 170-100 STD	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	35,990	32,800	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.3	94.1	83.0	89.0	93.5	98.1	None	A19071
ERJ 170-100 STD	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	35,990	32,800	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.0	94.1	81.5	89.0	93.6	98.1	None	A18860
ERJ 170-100 STD	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	35,990	32,800	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.3	94.1	82.2	89.0	93.5	98.1	None	A19072
ERJ 170-100 STD	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	35,990	33,300	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.1	94.1	82.2	89.0	93.6	98.1	None	A18852
ERJ 170-100 STD	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	35,990	33,300	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.0	94.1	81.5	89.0	93.6	98.1	None	A18859
ERJ 170-100 STD	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	38,600	33,300	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	91.9	94.4	84.3	89.0	93.6	98.3	None	A18856
ERJ 170-100 STD	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	38,600	33,300	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.2	94.4	85.3	89.0	93.5	98.3	None	A19078
ERJ 170-100 STD	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	38,600	33,300	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	92.9	94.4	83.4	89.0	93.6	98.3	None	A18862
ERJ 170-100 STD	Embraer DWG 171-12124--801 Flap 6 Inhibitor, Inst	38,600	33,300	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.1	94.4	84.4	89.0	93.5	98.3	None	A19080
ERJ 170-100 STD	None	34,000	32,800	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.3	94.0	80.7	89.0	94.9	98.0	None	A14219
ERJ 170-100 STD	None	34,000	32,800	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.2	94.0	80.1	89.0	94.9	98.0	None	A14220
ERJ 170-100 STD	None	35,990	32,800	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.1	94.1	82.2	89.0	94.9	98.1	None	A3145
ERJ 170-100 STD	None	35,990	32,800	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.3	94.1	83.0	89.0	94.9	98.1	None	A5124

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
ERJ 170-100 STD	None	35,990	32,800	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.3	94.1	82.2	89.0	94.9	98.1	None	A5129
ERJ 170-100 STD	None	35,990	33,300	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.1	94.1	82.2	89.0	94.9	98.1	None	A3147
ERJ 170-100 STD	None	35,990	33,300	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.0	94.1	81.5	89.0	94.9	98.1	None	A3148
ERJ 170-100 STD	None	38,600	33,300	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	91.9	94.4	84.3	89.0	94.9	98.3	None	A18846
ERJ 170-100 STD	None	38,600	33,300	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.2	94.4	85.3	89.0	94.9	98.3	None	A18843
ERJ 170-100 STD	None	38,600	33,300	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	92.9	94.4	83.4	89.0	94.9	98.3	None	A18848
ERJ 170-100 STD	None	38,600	33,300	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.1	94.4	84.4	89.0	94.9	98.3	None	A18845
ERJ 170-100 STD	P/N 171-15317-001 SILENT kit	34,000	32,800	General Electric CF34-8E5	Annex 16/I 5/9 Chapter 4	90.8	94.0	79.1	89.0	95.1	98.0	None	A18873
ERJ 170-100 STD	P/N 171-15317-001 SILENT kit	34,000	32,800	General Electric CF34-8E5A1	Annex 16/I 5/9 Chapter 4	92.2	94.0	78.5	89.0	95.1	98.0	None	A18874
ERJ 170-100 STD	P/N 171-15317-001 SILENT kit	35,990	32,800	General Electric CF34-8E5	Annex 16/I 5/9 Chapter 4	90.6	94.1	80.8	89.0	95.1	98.1	None	A18877
ERJ 170-100 STD	P/N 171-15317-001 SILENT kit	35,990	32,800	General Electric CF34-8E5A1	Annex 16/I 5/9 Chapter 4	92.0	94.1	80.2	89.0	95.1	98.1	None	A18878
ERJ 170-100 STD	P/N 171-15317-001 SILENT kit	35,990	33,300	General Electric CF34-8E5	Annex 16/I 5/9 Chapter 4	90.6	94.1	80.8	89.0	95.1	98.1	None	A18879
ERJ 170-100 STD	P/N 171-15317-001 SILENT kit	35,990	33,300	General Electric CF34-8E5A1	Annex 16/I 5/9 Chapter 4	92.0	94.1	80.2	89.0	95.1	98.1	None	A18880
ERJ 170-100 STD	P/N 171-15317-001 SILENT kit	38,600	33,300	General Electric CF34-8E5	Annex 16/I 5/9 Chapter 4	90.4	94.4	83.2	89.0	95.1	98.3	None	A18886
ERJ 170-100 STD	P/N 171-15317-001 SILENT kit	38,600	33,300	General Electric CF34-8E5A1	Annex 16/I 5/9 Chapter 4	91.8	94.4	82.3	89.0	95.1	98.3	None	A18888
ERJ 170-100 STD	P/N 171-22644-001 Recertification Chapter 4	34,000	32,800	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.3	94.0	80.7	89.0	94.9	98.0	P/N 171-22644-001 installed via SB 170-00-0070	E700177
ERJ 170-100 STD	P/N 171-22644-001 Recertification Chapter 4	34,000	32,800	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.2	94.0	80.1	89.0	94.9	98.0	P/N 171-22644-001 installed via SB 170-00-0070	E700184
ERJ 170-100 STD	P/N 171-22644-001 Recertification Chapter 4	34,473	32,800	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.2	94.0	81.0	89.0	94.9	98.0	P/N 171-22644-001 installed via SB 170-00-0070	E700175
ERJ 170-100 STD	P/N 171-22644-001 Recertification Chapter 4	34,473	32,800	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.2	94.0	80.4	89.0	94.9	98.0	P/N 171-22644-001 installed via SB 170-00-0070	E700183
ERJ 170-100 STD	P/N 171-22644-001 Recertification Chapter 4	35,990	32,800	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.1	94.1	82.2	89.0	94.9	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700174
ERJ 170-100 STD	P/N 171-22644-001 Recertification Chapter 4	35,990	32,800	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.3	94.1	83.0	89.0	94.9	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700163

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
ERJ 170-100 STD	P/N 171-22644-001 Recertification Chapter 4	35,990	32,800	General Electric CF34-8E5A1	Annex 16/I 8/10 Chapter 4	93.0	94.1	81.5	89.0	94.9	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700001
ERJ 170-100 STD	P/N 171-22644-001 Recertification Chapter 4	35,990	32,800	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.3	94.1	82.2	89.0	94.9	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700167
ERJ 170-100 STD	P/N 171-22644-001 Recertification Chapter 4	35,990	33,300	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.1	94.1	82.2	89.0	94.9	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700173
ERJ 170-100 STD	P/N 171-22644-001 Recertification Chapter 4	35,990	33,300	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.0	94.1	81.5	89.0	94.9	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700182
ERJ 170-100 STD	P/N 171-22644-001 Recertification Chapter 4	38,600	33,300	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	91.9	94.4	84.3	89.0	94.9	98.3	P/N 171-22644-001 installed via SB 170-00-0070	E700170
ERJ 170-100 STD	P/N 171-22644-001 Recertification Chapter 4	38,600	33,300	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	92.9	94.4	83.4	89.0	94.9	98.3	P/N 171-22644-001 installed via SB 170-00-0070	E700179
ERJ 170-100 STD	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	34,000	32,800	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.3	94.0	80.7	89.0	93.6	98.0	P/N 171-22644-001 installed via SB 170-00-0070	E700152
ERJ 170-100 STD	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	34,000	32,800	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.2	94.0	80.1	89.0	93.6	98.0	P/N 171-22644-001 installed via SB 170-00-0070	E700160
ERJ 170-100 STD	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	34,473	32,800	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.2	94.0	81.0	89.0	93.6	98.0	P/N 171-22644-001 installed via SB 170-00-0070	A19609
ERJ 170-100 STD	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	34,473	32,800	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.2	94.0	80.4	89.0	93.6	98.0	P/N 171-22644-001 installed via SB 170-00-0070	A19618
ERJ 170-100 STD	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	35,990	32,800	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.1	94.1	82.2	89.0	93.6	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700151
ERJ 170-100 STD	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	35,990	32,800	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.3	94.1	83.0	89.0	93.5	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700139
ERJ 170-100 STD	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	35,990	32,800	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.0	94.1	81.5	89.0	93.6	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700159
ERJ 170-100 STD	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	35,990	32,800	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.3	94.1	82.2	89.0	93.5	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700143
ERJ 170-100 STD	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	35,990	33,300	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.1	94.1	82.2	89.0	93.6	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700150
ERJ 170-100 STD	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	35,990	33,300	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.0	94.1	81.5	89.0	93.6	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700158
ERJ 170-100 STD	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	38,600	33,300	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	91.9	94.4	84.3	89.0	93.6	98.3	P/N 171-22644-001 installed via SB 170-00-0070	E700147
ERJ 170-100 STD	Embraer DWG 171-12124--801 and P/N 171-22644-001 Flap 6 Inhibitor, Inst, Recertification to Chapter 4	38,600	33,300	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	92.9	94.4	83.4	89.0	93.6	98.3	P/N 171-22644-001 installed via SB 170-00-0070	E700155
ERJ 170-200 LR	Enhanced wingtip	38,790	34,000	General Electric CF34-8E5	Annex 16/I Chapter 3	92.0	94.4	83.3	89.0	94.6	98.3	None	A19287
ERJ 170-200 LR	Enhanced wingtip	38,790	34,000	General Electric CF34-8E5A1	Annex 16/I Chapter 3	92.9	94.4	82.5	89.0	94.6	98.3	None	A19289
ERJ 170-200 LR	Enhanced wingtip	40,370	34,100	General Electric CF34-8E5	Annex 16/I Chapter 3	91.9	94.5	84.6	89.0	94.6	98.5	None	A19293

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
ERJ 170-200 LR	Enhanced wingtip	40,370	34,100	General Electric CF34-8E5A1	Annex 16/I Chapter 3	92.8	94.5	83.7	89.0	94.6	98.5	None	A19296
ERJ 170-200 LR	None	38,790	34,000	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	91.9	94.4	84.4	89.0	95.0	98.3	None	A5135
ERJ 170-200 LR	None	38,790	34,000	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	92.9	94.4	83.6	89.0	95.0	98.3	None	A5138
ERJ 170-200 LR	None	40,370	34,100	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	91.9	94.5	85.9	89.0	95.0	98.5	None	A18840
ERJ 170-200 LR	None	40,370	34,100	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	92.8	94.5	85.0	89.0	95.0	98.5	None	A18838
ERJ 170-200 LR	P/N 171-15317-001 SILENT kit	38,790	34,000	General Electric CF34-8E5	Annex 16/I 5/9 Chapter 4	90.5	94.4	83.3	89.0	95.2	98.3	None	A18867
ERJ 170-200 LR	P/N 171-15317-001 SILENT kit	38,790	34,000	General Electric CF34-8E5A1	Annex 16/I 5/9 Chapter 4	91.9	94.4	82.5	89.0	95.2	98.3	None	A18868
ERJ 170-200 LR	P/N 171-15317-001 SILENT kit	40,370	34,100	General Electric CF34-8E5	Annex 16/I 5/9 Chapter 4	90.4	94.5	84.7	89.0	95.2	98.5	None	A18869
ERJ 170-200 LR	P/N 171-15317-001 SILENT kit	40,370	34,100	General Electric CF34-8E5A1	Annex 16/I 5/9 Chapter 4	91.8	94.5	83.8	89.0	95.2	98.5	None	A18871
ERJ 170-200 LR	P/N 171-15317-001, SB170-57-0058 SILENT kit, Enhanced wingtip	38,790	34,000	General Electric CF34-8E5	Annex 16/I Chapter 4	90.5	94.4	82.4	89.0	94.7	98.3	None	A19315
ERJ 170-200 LR	P/N 171-15317-001, SB170-57-0058 SILENT kit, Enhanced wingtip	38,790	34,000	General Electric CF34-8E5A1	Annex 16/I Chapter 4	91.9	94.4	81.7	89.0	94.7	98.3	None	A19317
ERJ 170-200 LR	P/N 171-15317-001, SB170-57-0058 SILENT kit, Enhanced wingtip	40,370	34,100	General Electric CF34-8E5	Annex 16/I Chapter 4	90.4	94.5	83.8	89.0	94.7	98.5	None	A19320
ERJ 170-200 LR	P/N 171-15317-001, SB170-57-0058 SILENT kit, Enhanced wingtip	40,370	34,100	General Electric CF34-8E5A1	Annex 16/I Chapter 4	91.8	94.5	83.0	89.0	94.7	98.5	None	A19323
ERJ 170-200 LR	SB170-57-0058 Enhanced wingtip	38,790	34,000	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	91.9	94.4	84.4	89.0	95.0	98.3	None	A19013
ERJ 170-200 LR	SB170-57-0058 Enhanced wingtip	38,790	34,000	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	92.9	94.4	83.6	89.0	95.0	98.3	None	A19018
ERJ 170-200 LR	SB170-57-0058 Enhanced wingtip	40,370	34,100	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	91.9	94.5	85.9	89.0	95.0	98.5	None	A19011
ERJ 170-200 LR	SB170-57-0058 Enhanced wingtip	40,370	34,100	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	92.8	94.5	85.0	89.0	95.0	98.5	None	A19016
ERJ 170-200 LR	P/N 171-22644-001 Recertification Chapter 4	38,790	34,000	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	91.9	94.4	84.4	89.0	95.0	98.3	P/N 171-22644-001 installed via SB 170-00-0070	E700199
ERJ 170-200 LR	P/N 171-22644-001 Recertification Chapter 4	38,790	34,000	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	92.9	94.4	83.6	89.0	95.0	98.3	P/N 171-22644-001 installed via SB 170-00-0070	E700202
ERJ 170-200 LR	P/N 171-22644-001 Enhanced wingtip, Recertification to Chapter 4	38,790	34,000	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.0	94.4	83.3	89.0	94.6	98.3	P/N 171-22644-001 installed via SB 170-00-0070	E700187
ERJ 170-200 LR	P/N 171-22644-001 Enhanced wingtip, Recertification to Chapter 4	38,790	34,000	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	92.9	94.4	82.5	89.0	94.6	98.3	P/N 171-22644-001 installed via SB 170-00-0070	E700195

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
ERJ 170-200 LR	P/N 171-22644-001 Enhanced wingtip, Recertification to Chapter 4	40,370	34,100	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	91.9	94.5	84.6	89.0	94.6	98.5	P/N 171-22644-001 installed via SB 170-00-0070	E700185
ERJ 170-200 LR	P/N 171-22644-001 Enhanced wingtip, Recertification to Chapter 4	40,370	34,100	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	92.8	94.5	83.7	89.0	94.6	98.5	P/N 171-22644-001 installed via SB 170-00-0070	E700193
ERJ 170-200 STD	Enhanced wingtip	35,700	34,000	General Electric CF34-8E5	Annex 16/I Chapter 3	92.2	94.1	81.0	89.0	94.6	98.1	None	A19303
ERJ 170-200 STD	Enhanced wingtip	35,740	34,000	General Electric CF34-8E5	Annex 16/I Chapter 3	92.2	94.1	81.1	89.0	94.6	98.1	None	A19301
ERJ 170-200 STD	Enhanced wingtip	35,740	34,000	General Electric CF34-8E5A1	Annex 16/I Chapter 3	93.1	94.1	80.4	89.0	94.6	98.1	None	A19302
ERJ 170-200 STD	Enhanced wingtip	36,000	34,100	General Electric CF34-8E5	Annex 16/I Chapter 3	92.2	94.1	81.3	89.0	94.6	98.1	None	A19299
ERJ 170-200 STD	Enhanced wingtip	36,000	34,100	General Electric CF34-8E5A1	Annex 16/I Chapter 3	93.1	94.1	80.5	89.0	94.6	98.1	None	A19300
ERJ 170-200 STD	Enhanced wingtip	36,500	34,000	General Electric CF34-8E5	Annex 16/I Chapter 3	92.1	94.2	81.6	89.0	94.6	98.1	None	A19304
ERJ 170-200 STD	Enhanced wingtip	37,500	34,000	General Electric CF34-8E5	Annex 16/I Chapter 3	92.1	94.3	82.4	89.0	94.6	98.2	None	A19291
ERJ 170-200 STD	Enhanced wingtip	37,500	34,000	General Electric CF34-8E5A1	Annex 16/I Chapter 3	93.0	94.3	81.6	89.0	94.6	98.2	None	A19292
ERJ 170-200 STD	Enhanced wingtip	40,370	34,100	General Electric CF34-8E5	Annex 16/I Chapter 3	91.9	94.5	84.6	89.0	94.6	98.5	None	A19294
ERJ 170-200 STD	Enhanced wingtip	40,370	34,100	General Electric CF34-8E5A1	Annex 16/I Chapter 3	92.8	94.5	83.7	89.0	94.6	98.5	None	A19297
ERJ 170-200 STD	None	35,740	34,000	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.2	94.1	82.1	89.0	95.0	98.1	None	A16720
ERJ 170-200 STD	None	35,740	34,000	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.1	94.1	81.3	89.0	95.0	98.1	None	A16721
ERJ 170-200 STD	None	37,500	34,000	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.1	94.3	83.3	89.0	95.0	98.2	None	A5134
ERJ 170-200 STD	None	37,500	34,000	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.0	94.3	82.5	89.0	95.0	98.2	None	A5137
ERJ 170-200 STD	None	40,370	34,100	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	91.9	94.5	85.9	89.0	95.0	98.5	None	A18841
ERJ 170-200 STD	None	40,370	34,100	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	92.8	94.5	85.0	89.0	95.0	98.5	None	A18839
ERJ 170-200 STD	P/N 171-15317-001 SILENT kit	34,998	34,000	General Electric CF34-8E5	Annex 16/I 5/9 Chapter 4	90.8	94.0	79.9	89.0	95.2	98.0	None	A19059
ERJ 170-200 STD	P/N 171-15317-001 SILENT kit	35,740	34,000	General Electric CF34-8E5	Annex 16/I 5/9 Chapter 4	90.7	94.1	80.6	89.0	95.2	98.1	None	A18864
ERJ 170-200 STD	P/N 171-15317-001 SILENT kit	35,740	34,000	General Electric CF34-8E5A1	Annex 16/I 5/9 Chapter 4	92.1	94.1	79.9	89.0	95.2	98.1	None	A18865

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
ERJ 170-200 STD	P/N 171-15317-001 SILENT kit	35,998	34,000	General Electric CF34-8E5	Annex 16/I 5/9 Chapter 4	90.7	94.1	80.8	89.0	95.2	98.1	None	A19062
ERJ 170-200 STD	P/N 171-15317-001 SILENT kit	37,500	34,000	General Electric CF34-8E5	Annex 16/I 5/9 Chapter 4	90.6	94.3	82.1	89.0	95.2	98.2	None	A18837
ERJ 170-200 STD	P/N 171-15317-001 SILENT kit	37,500	34,000	General Electric CF34-8E5A1	Annex 16/I 5/9 Chapter 4	92.0	94.3	81.4	89.0	95.2	98.2	None	A18866
ERJ 170-200 STD	P/N 171-15317-001 SILENT kit	40,370	34,100	General Electric CF34-8E5	Annex 16/I 5/9 Chapter 4	90.5	94.5	83.3	89.0	95.2	98.5	None	A18870
ERJ 170-200 STD	P/N 171-15317-001 SILENT kit	40,370	34,100	General Electric CF34-8E5A1	Annex 16/I 5/9 Chapter 4	91.8	94.5	83.8	89.0	95.2	98.5	None	A18872
ERJ 170-200 STD	P/N 171-15317-001, SB170-57-0058 SILENT kit, Enhanced wingtip	34,998	34,000	General Electric CF34-8E5	Annex 16/I 5/9 Chapter 4	90.7	94.0	79.8	89.0	94.7	98.0	None	A19307
ERJ 170-200 STD	P/N 171-15317-001, SB170-57-0058 SILENT kit, Enhanced wingtip	35,700	34,000	General Electric CF34-8E5	Annex 16/I Chapter 4	90.7	94.1	79.8	89.0	94.7	98.1	None	A19325
ERJ 170-200 STD	P/N 171-15317-001, SB170-57-0058 SILENT kit, Enhanced wingtip	35,740	34,000	General Electric CF34-8E5	Annex 16/I Chapter 4	90.7	94.1	79.8	89.0	94.7	98.1	None	A19308
ERJ 170-200 STD	P/N 171-15317-001, SB170-57-0058 SILENT kit, Enhanced wingtip	35,740	34,000	General Electric CF34-8E5A1	Annex 16/I Chapter 4	92.2	94.1	79.2	89.0	94.7	98.1	None	A19309
ERJ 170-200 STD	P/N 171-15317-001, SB170-57-0058 SILENT kit, Enhanced wingtip	35,998	34,000	General Electric CF34-8E5	Annex 16/I Chapter 4	90.7	94.1	80.0	89.0	94.7	98.1	None	A19310
ERJ 170-200 STD	P/N 171-15317-001, SB170-57-0058 SILENT kit, Enhanced wingtip	36,000	34,100	General Electric CF34-8E5	Annex 16/I Chapter 4	90.7	94.1	80.0	89.0	94.7	98.1	None	A19311
ERJ 170-200 STD	P/N 171-15317-001, SB170-57-0058 SILENT kit, Enhanced wingtip	36,000	34,100	General Electric CF34-8E5A1	Annex 16/I Chapter 4	92.1	94.1	79.4	89.0	94.7	98.1	None	A19312
ERJ 170-200 STD	P/N 171-15317-001, SB170-57-0058 SILENT kit, Enhanced wingtip	36,500	34,000	General Electric CF34-8E5	Annex 16/I Chapter 4	90.7	94.2	80.5	89.0	94.7	98.1	None	A19326
ERJ 170-200 STD	P/N 171-15317-001, SB170-57-0058 SILENT kit, Enhanced wingtip	37,500	34,000	General Electric CF34-8E5	Annex 16/I Chapter 4	90.6	94.3	81.3	89.0	94.7	98.2	None	A19313
ERJ 170-200 STD	P/N 171-15317-001, SB170-57-0058 SILENT kit, Enhanced wingtip	37,500	34,000	General Electric CF34-8E5A1	Annex 16/I Chapter 4	92.0	94.3	80.6	89.0	94.7	98.2	None	A19314
ERJ 170-200 STD	P/N 171-15317-001, SB170-57-0058 SILENT kit, Enhanced wingtip	40,370	34,100	General Electric CF34-8E5	Annex 16/I Chapter 4	90.4	94.5	83.8	89.0	94.7	98.5	None	A19319
ERJ 170-200 STD	P/N 171-15317-001, SB170-57-0058 SILENT kit, Enhanced wingtip	40,370	34,100	General Electric CF34-8E5A1	Annex 16/I Chapter 4	91.8	94.5	83.0	89.0	94.7	98.5	None	A19322
ERJ 170-200 STD	SB170-00-0049 Reduction of MTOW to 35700 kg	35,700	34,000	General Electric CF34-8E5	Annex 16/I Chapter 3	92.2	94.1	81.9	89.0	95.0	98.1	None	A19107
ERJ 170-200 STD	SB170-00-0049, P/N 171-15317-001 Reduction of MTOW to 35700 kg, SILENT kit	35,700	34,000	General Electric CF34-8E5	Annex 16/I Chapter 4	90.7	94.1	80.5	89.0	95.2	98.1	None	A19101
ERJ 170-200 STD	SB170-00-0051 Reduction of MTOW to 36500 kg	36,500	34,000	General Electric CF34-8E5	Annex 16/I Chapter 3	92.1	94.2	82.6	89.0	95.0	98.1	None	A19108
ERJ 170-200 STD	SB170-00-0051, P/N 171-15317-001 Reduction of MTOW to 36500 kg, SILENT kit	36,500	34,000	General Electric CF34-8E5	Annex 16/I Chapter 4	90.7	94.2	81.2	89.0	95.2	98.1	None	A19102

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
ERJ 170-200 STD	SB170-57-0058 Enhanced wingtip	35,740	34,000	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.2	94.1	82.1	89.0	95.0	98.1	None	A19015
ERJ 170-200 STD	SB170-57-0058 Enhanced wingtip	35,740	34,000	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.1	94.1	81.3	89.0	95.0	98.1	None	A19020
ERJ 170-200 STD	SB170-57-0058 Enhanced wingtip	37,500	34,000	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	92.1	94.3	83.3	89.0	95.0	98.2	None	A19014
ERJ 170-200 STD	SB170-57-0058 Enhanced wingtip	37,500	34,000	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	93.0	94.3	82.5	89.0	95.0	98.2	None	A19019
ERJ 170-200 STD	SB170-57-0058 Enhanced wingtip	40,370	34,100	General Electric CF34-8E5	Annex 16/I 3/7 Chapter 3	91.9	94.5	85.9	89.0	95.0	98.5	None	A19012
ERJ 170-200 STD	SB170-57-0058 Enhanced wingtip	40,370	34,100	General Electric CF34-8E5A1	Annex 16/I 3/7 Chapter 3	92.8	94.5	85.0	89.0	95.0	98.5	None	A19017
ERJ 170-200 STD	P/N 171-22644-001 Recertification Chapter 4	35,700	34,000	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.2	94.1	81.9	89.0	95.0	98.1	P/N 171-22644-001 installed via SB 170-00-0070	A19665
ERJ 170-200 STD	P/N 171-22644-001 Recertification Chapter 4	35,740	34,000	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.2	94.1	82.1	89.0	95.0	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700201
ERJ 170-200 STD	P/N 171-22644-001 Recertification Chapter 4	35,740	34,000	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.1	94.1	81.3	89.0	95.0	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700205
ERJ 170-200 STD	P/N 171-22644-001 Recertification Chapter 4	36,000	34,000	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.3	94.1	82.1	89.0	95.0	98.1	P/N 171-22644-001 installed via SB 170-00-0070	A19663
ERJ 170-200 STD	P/N 171-22644-001 Recertification Chapter 4	36,000	34,000	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.2	94.1	81.5	89.0	95.0	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700204
ERJ 170-200 STD	P/N 171-22644-001 Recertification Chapter 4	36,500	34,000	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.1	94.2	82.6	89.0	95.0	98.1	P/N 171-22644-001 installed via SB 170-00-0070	A19662
ERJ 170-200 STD	P/N 171-22644-001 Recertification Chapter 4	37,500	34,000	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.1	94.3	83.3	89.0	95.0	98.2	P/N 171-22644-001 installed via SB 170-00-0070	E700200
ERJ 170-200 STD	P/N 171-22644-001 Recertification Chapter 4	37,500	34,000	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.0	94.3	82.5	89.0	95.0	98.2	P/N 171-22644-001 installed via SB 170-00-0070	E700203
ERJ 170-200 STD	P/N 171-22644-001 Enhanced wingtip, Recertification to Chapter 4	35,700	34,000	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.2	94.1	81.0	89.0	94.6	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700192
ERJ 170-200 STD	P/N 171-22644-001 Enhanced wingtip, Recertification to Chapter 4	35,740	34,000	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.2	94.1	81.1	89.0	94.6	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700191
ERJ 170-200 STD	P/N 171-22644-001 Enhanced wingtip, Recertification to Chapter 4	35,740	34,000	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.1	94.1	80.4	89.0	94.6	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700198
ERJ 170-200 STD	P/N 171-22644-001 Enhanced wingtip, Recertification to Chapter 4	36,000	34,100	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.2	94.1	81.3	89.0	94.6	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700190
ERJ 170-200 STD	P/N 171-22644-001 Enhanced wingtip, Recertification to Chapter 4	36,000	34,100	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.1	94.1	80.5	89.0	94.6	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700197
ERJ 170-200 STD	P/N 171-22644-001 Enhanced wingtip, Recertification to Chapter 4	36,500	34,000	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.1	94.2	81.6	89.0	94.6	98.1	P/N 171-22644-001 installed via SB 170-00-0070	E700189
ERJ 170-200 STD	P/N 171-22644-001 Enhanced wingtip, Recertification to Chapter 4	37,500	34,000	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	92.1	94.3	82.4	89.0	94.6	98.2	P/N 171-22644-001 installed via SB 170-00-0070	E700188

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
ERJ 170-200 STD	P/N 171-22644-001 Enhanced wingtip, Recertification to Chapter 4	37,500	34,000	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	93.0	94.3	81.6	89.0	94.6	98.2	P/N 171-22644-001 installed via SB 170-00-0070	E700196
ERJ 170-200 STD	P/N 171-22644-001 Enhanced wingtip, Recertification to Chapter 4	40,370	34,100	General Electric CF34-8E5	Annex 16/I 8/12 Chapter 4	91.9	94.5	84.6	89.0	94.6	98.5	P/N 171-22644-001 installed via SB 170-00-0070	E700186
ERJ 170-200 STD	P/N 171-22644-001 Enhanced wingtip, Recertification to Chapter 4	40,370	34,100	General Electric CF34-8E5A1	Annex 16/I 8/12 Chapter 4	92.8	94.5	83.7	89.0	94.6	98.5	P/N 171-22644-001 installed via SB 170-00-0070	E700194

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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. Brig. Faria Lima. 2170 12227-901 São Jose dos Campos – SP Brazil	Present
Yaborã Indústria Aeronáutica S.A. Av. Brig. Faria Lima. 2170 12227-901 São Jose dos Campos – SP Brazil	Before 01 Jan 2022
Embraer S.A. Av. Brig. Faria Lima. 2170 12227-901 São Jose dos Campos – SP Brazil	Before 31 Jan 2020
Empresa Brasileira de Aeronáutica SA Av. Brig. Faria Lima. 2170 12227-901 São Jose dos Campos – SP Brazil	Before Jan 2011

III. Amendment Record

TCDSN Issue No.	TCDSN Issue Date	Changes	TC Issue and Date
1	21 June 2023	UK.MAJ.00217 (DCA 0170-000-00024-2020) recertification to Chapter 4	Issue 1 21 June 2023