



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.071

for

Embraer ERJ 190

Type Certificate Holder:

Yaborã Industria Aeronáutica SA

Av. Brig. Faria Lima. 2170

12227-901 São Jose dos Campos SP

Brasil

For models: ERJ 190-100
ERJ 190-200
ERJ 190-300
ERJ 190-400



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Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E2A1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **P/N 341-3001-501 or P/N 341-3001-503 (Improved acoustic chevron nozzle (IACN))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A5304	LR	50,300	43,000	91.5	95.4	86.0	89.3	92.4	99.2	-
A5303	STD	47,790	43,000	91.6	95.2	84.6	89.0	92.4	99.0	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E2A1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **P/N 341-3501-501 or P/N 341-3501-503 (Low loss chevron nozzle)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A5647	LR	50,300	43,000	91.6	95.4	86.4	89.3	92.7	99.2	-
A5646	STD	47,790	43,000	91.7	95.2	85.0	89.0	92.7	99.0	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E2A1 G07**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Block 2, P/N 341-3001-501 or P/N 341-3001-503 (Improved acoustic chevron nozzle (IACN))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A8522	STD	47,790	43,000	91.1	95.2	83.8	89.0	92.5	99.0	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E5**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **P/N 341-3001-501 or P/N 341-3001-503 (Improved acoustic chevron nozzle (IACN))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A5290	IGW	51,800	44,000	91.7	95.5	86.4	89.4	92.4	99.3	-
A5289	LR	50,300	43,000	91.8	95.4	85.6	89.3	92.4	99.2	-
A5648	LR	50,000	43,000	91.8	95.3	85.5	89.2	92.4	99.2	-
A5288	STD	47,790	43,000	91.9	95.2	84.3	89.0	92.4	99.0	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E5**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **P/N 341-3501-501 or P/N 341-3501-503 (Low loss chevron nozzle)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A1184	IGW	51,800	44,000	91.9	95.5	86.9	89.4	92.8	99.3	-
A1183	LR	50,300	43,000	91.9	95.4	86.1	89.3	92.7	99.2	-
A10637	LR	47,790	43,000	92.1	95.2	84.7	89.0	92.7	99.0	-
A1182	STD	47,790	43,000	92.1	95.2	84.7	89.0	92.7	99.0	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E5 G07**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Block 2, P/N 341-3001-501 or P/N 341-3001-503 (Improved acoustic chevron nozzle (IACN))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A8507	IGW	51,800	44,000	91.4	95.5	85.8	89.4	92.5	99.3	-
A8506	LR	50,300	43,000	91.4	95.4	84.9	89.3	92.5	99.2	-
A8508	LR	50,000	43,000	91.4	95.3	84.8	89.2	92.5	99.2	-
A18909	LR	49,990	43,000	91.4	95.3	84.7	89.2	92.5	99.2	-
A18911	IGW	47,790	43,000	91.6	95.2	83.4	89.0	92.5	99.0	-
A10638	LR	47,790	43,000	91.6	95.2	83.4	89.0	92.5	99.0	-
A8505	STD	47,790	43,000	91.6	95.2	83.4	89.0	92.5	99.0	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E5 G07**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Block 2, P/N 341-3001-501 or P/N 341-3001-503, Mod SB 190-00-0024 (Improved acoustic chevron nozzle (IACN), MTOW 43740 kg)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A17224	STD	43,740	43,000	91.7	94.8	81.1	89.0	92.5	98.7	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E5 G07**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Block 2, P/N 341-3001-501 or P/N 341-3001-503, Mod SB 190-00-0024, DWG 171-12124-801 (Improved acoustic chevron nozzle (IACN), MTOW 43740 kg, Flap 06 Inhibitor)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A17225	STD	43,740	43,000	91.7	94.8	81.1	89.0	91.8	98.7	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E5 G07**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Block 2, P/N 341-3001-501 or P/N 341-3001-503 (Improved acoustic chevron nozzle (IACN), MTOW reduction)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A18910	LR	44,900	43,000	91.7	94.9	81.7	89.0	92.5	98.8	-

¹ See Note 1.



Type Certificate Holder ¹	Yaborã Industria Aeronáutica SA	Aircraft Type Designation ¹	ERJ 190-100
Engine Manufacturer ¹	General Electric	Engine Type Designation ¹	CF34-10E5 G07
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		Block 2, SB 190-00-0058, P/N 341-3001-501 or P/N 341-3001-503 (Reduction of MTOW to 44000 kg, Improved acoustic chevron nozzle (IACN))	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 3 / Amendment 7
		Chapter ¹	3

EASA Record No.	Variant	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	
A19106	LR	44,000	43,000	91.7	94.9	81.3	89.0	92.5	98.8	-
A19114	STD	44,000	43,000	91.0	94.9	81.3	89.0	92.5	98.8	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E5 G07**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Block 2, SB 190-00-0060,P/N 341-3001-501 or P/N 341-3001-503 (Reduction of MTOW to 44600 kg, Improved acoustic chevron nozzle (IACN))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A19105	LR	44,600	43,000	91.7	94.9	81.7	89.0	92.5	98.8	-
A19113	STD	44,600	43,000	91.7	94.9	81.7	89.0	92.5	98.8	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E5 G07**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Block 2, SB 190-00-0062, P/N 341-3001-501 or P/N 341-3001-503 (Reduction of MTOW to 45000 kg, Improved acoustic chevron nozzle (IACN))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A19104	LR	45,000	43,000	91.7	94.9	81.9	89.0	92.5	98.8	-
A19112	STD	45,000	43,000	91.7	94.9	81.9	89.0	92.5	98.8	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E5 G07**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Block 2, SB 190-00-0064, P/N 341-3001-501 or P/N 341-3001-503 (Reduction of MTOW to 46000 kg, Improved acoustic chevron nozzle (IACN))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A19103	LR	46,000	43,000	91.6	95.0	82.4	89.0	92.5	98.9	-
A19111	STD	46,000	43,000	91.6	95.0	82.4	89.0	92.5	98.9	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E5A1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **P/N 341-3001-501 or P/N 341-3001-503 (Improved acoustic chevron nozzle (IACN))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A5293	IGW	51,800	44,000	92.8	95.5	85.4	89.4	92.4	99.3	-
A5292	LR	50,300	43,000	92.9	95.4	84.6	89.3	92.4	99.2	-
A5291	STD	47,790	43,000	93.0	95.2	83.7	89.0	92.4	99.0	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E5A1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **P/N 341-3501-501 or P/N 341-3501-503 (Low loss chevron nozzle)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A1187	IGW	51,800	44,000	93.1	95.5	86.1	89.4	92.8	99.3	-
A1186	LR	50,300	43,000	93.1	95.4	85.1	89.3	92.7	99.2	-
A10639	LR	47,790	43,000	93.3	95.2	83.7	89.0	92.7	99.0	-
A1185	STD	47,790	43,000	93.3	95.2	83.7	89.0	92.7	99.0	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E5A1 G07**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Block 2, P/N 341-3001-501 or P/N 341-3001-503 (Improved acoustic chevron nozzle (IACN))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A8511	IGW	51,800	44,000	92.6	95.5	84.5	89.4	92.5	99.3	-
A8510	LR	50,300	43,000	92.6	95.4	83.6	89.3	92.5	99.2	-
A10640	LR	47,790	43,000	92.8	95.2	82.5	89.0	92.5	99.0	-
A8509	STD	47,790	43,000	92.8	95.2	82.5	89.0	92.5	99.0	-
A13627	SR	45,990	43,000	93.0	95.0	81.4	89.0	92.5	98.9	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E6**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **P/N 341-3001-501 or P/N 341-3001-503 (Improved acoustic chevron nozzle (IACN))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A5296	IGW	51,800	44,000	91.8	95.5	86.3	89.4	92.4	99.3	-
A6637	ECJ	51,800	44,000	91.8	95.5	86.3	89.4	92.4	99.3	-
A5295	LR	50,300	43,000	91.8	95.4	85.6	89.3	92.4	99.2	-
A5294	STD	47,790	43,000	92.0	95.2	84.3	89.0	92.4	99.0	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E6**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **P/N 341-3501-501 or P/N 341-3501-503 (Low loss chevron nozzle)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A1190	IGW	51,800	44,000	91.9	95.5	86.9	89.4	92.8	99.3	-
A1189	LR	50,300	43,000	92.0	95.4	86.0	89.3	92.7	99.2	-
A10641	LR	47,790	43,000	92.1	95.2	84.7	89.0	92.7	99.0	-
A1188	STD	47,790	43,000	92.1	95.2	84.7	89.0	92.7	99.0	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E6 G07**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Block 2, P/N 341-3001-501 or P/N 341-3001-503 (Improved acoustic chevron nozzle (IACN))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A8514	IGW	51,800	44,000	91.4	95.5	85.7	89.4	92.5	99.3	-
A8513	LR	50,300	43,000	91.5	95.4	84.8	89.3	92.5	99.2	-
A10642	LR	47,790	43,000	91.6	95.2	83.4	89.0	92.5	99.0	-
A8512	STD	47,790	43,000	91.6	95.2	83.4	89.0	92.5	99.0	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E6A1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **P/N 341-3001-501 or P/N 341-3001-503 (Improved acoustic chevron nozzle (IACN))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A5299	IGW	51,800	44,000	92.8	95.5	85.4	89.4	92.4	99.3	-
A5298	LR	50,300	43,000	92.9	95.4	84.6	89.3	92.4	99.2	-
A5649	LR	50,000	43,000	92.9	95.3	84.5	89.2	92.4	99.2	-
A5297	STD	47,790	43,000	93.0	95.2	83.7	89.0	92.4	99.0	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E6A1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **P/N 341-3501-501 or P/N 341-3501-503 (Low loss chevron nozzle)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A1193	IGW	51,800	44,000	93.1	95.5	86.1	89.4	92.8	99.3	-
A1192	LR	50,300	43,000	93.1	95.4	85.1	89.3	92.7	99.2	-
A10643	LR	47,790	43,000	93.3	95.2	83.7	89.0	92.7	99.0	-
A1191	STD	47,790	43,000	93.3	95.2	83.7	89.0	92.7	99.0	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E6A1 G07**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Block 2, P/N 341-3001-501 or P/N 341-3001-503 (Improved acoustic chevron nozzle (IACN))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A8517	IGW	51,800	44,000	92.6	95.5	84.5	89.4	92.5	99.3	-
A8516	LR	50,300	43,000	92.6	95.4	83.6	89.3	92.5	99.2	-
A8518	LR	50,000	43,000	92.6	95.3	83.6	89.2	92.5	99.2	-
A10644	LR	47,790	43,000	92.8	95.2	82.5	89.0	92.5	99.0	-
A8515	STD	47,790	43,000	92.8	95.2	82.5	89.0	92.5	99.0	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E7**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **P/N 341-3001-501 or P/N 341-3001-503 (Improved acoustic chevron nozzle (IACN))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A5302	IGW	51,800	44,000	92.9	95.5	85.4	89.4	92.4	99.3	-
A5301	LR	50,300	43,000	92.9	95.4	84.6	89.3	92.4	99.2	-
A5300	STD	47,790	43,000	93.1	95.2	83.6	89.0	92.4	99.0	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E7**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **P/N 341-3501-501 or P/N 341-3501-503 (Low loss chevron nozzle)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A5645	IGW	51,800	44,000	93.1	95.5	86.1	89.4	92.8	99.3	-
A5644	LR	50,300	43,000	93.2	95.4	85.1	89.3	92.7	99.2	-
A10645	LR	47,790	43,000	93.3	95.2	83.7	89.0	92.7	99.0	-
A5643	STD	47,790	43,000	93.3	95.2	83.7	89.0	92.7	99.0	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E7 G07**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Block 2, P/N 341-3001-501 or P/N 341-3001-503 (Improved acoustic chevron nozzle (IACN))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A8521	IGW	51,800	44,000	92.6	95.5	84.6	89.4	92.5	99.3	-
A8520	LR	50,300	43,000	92.6	95.4	83.7	89.3	92.5	99.2	-
A10646	LR	47,790	43,000	92.8	95.2	82.5	89.0	92.5	99.0	-
A8519	STD	47,790	43,000	92.8	95.2	82.5	89.0	92.5	99.0	-
A13628	SR	45,990	43,000	93.0	95.0	81.7	89.0	92.5	98.9	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-100**
(Commercial Designation) **Lineage 1000)**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E7-B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **P/N 341-3001-501 or P/N 341-3001-503 (Improved acoustic chevron nozzle (IACN))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A13629	ECJ	54,500	45,800	92.7	95.6	86.4	89.7	92.5	99.5	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-200**
(Commercial Designation **ERJ 195)**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E2A1**

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 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A2795	STD	48,790	45,000	91.5	95.2	85.7	89.1	92.8	99.1	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-200**
(Commercial Designation **ERJ 195)**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E2A1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Block 02 (Improved acoustic chevron nozzle)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A8523	STD	48,790	45,000	91.0	95.2	84.5	89.1	92.5	99.1	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-200**
(Commercial Designation **ERJ 195)**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E5**

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 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A2798	IGW	52,290	45,800	91.7	95.5	87.4	89.5	92.9	99.3	-
A2797	LR	50,790	45,000	91.8	95.4	86.5	89.3	92.8	99.2	-
A2796	STD	48,790	45,000	91.8	95.2	85.4	89.1	92.8	99.1	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-200**
(Commercial Designation **ERJ 195)**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E5**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Block 02 (Improved acoustic chevron nozzle)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A8526	IGW	52,290	45,800	91.3	95.5	86.4	89.5	92.6	99.3	-
A8525	LR	50,790	45,000	91.3	95.4	85.4	89.3	92.5	99.2	-
A8524	STD	48,790	45,000	91.3	95.2	84.1	89.1	92.5	99.1	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-200**
(Commercial Designation **ERJ 195)**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E5A1**

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 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A2801	IGW	52,290	45,800	92.9	95.5	86.2	89.5	92.9	99.3	-
A2800	LR	50,790	45,000	93.0	95.4	85.4	89.3	92.8	99.2	-
A2799	STD	48,790	45,000	93.1	95.2	84.3	89.1	92.8	99.1	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-200**
(Commercial Designation **ERJ 195)**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E5A1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Block 02 (Improved acoustic chevron nozzle)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A8529	IGW	52,290	45,800	92.4	95.5	84.9	89.5	92.6	99.3	-
A8528	LR	50,790	45,000	92.5	95.4	84.1	89.3	92.5	99.2	-
A8527	STD	48,790	45,000	92.6	95.2	83.0	89.1	92.5	99.1	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-200**
(Commercial Designation **ERJ 195)**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E6**

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 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A2804	IGW	52,290	45,800	91.7	95.5	87.4	89.5	92.9	99.3	-
A2803	LR	50,790	45,000	91.8	95.4	86.5	89.3	92.8	99.2	-
A2802	STD	48,790	45,000	91.9	95.2	85.3	89.1	92.8	99.1	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-200**
(Commercial Designation **ERJ 195)**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E6**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Block 02 (Improved acoustic chevron nozzle)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A8532	IGW	52,290	45,800	91.2	95.5	86.4	89.5	92.6	99.3	-
A8531	LR	50,790	45,000	91.3	95.4	85.3	89.3	92.5	99.2	-
A8530	STD	48,790	45,000	91.4	95.2	84.1	89.1	92.5	99.1	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-200**
(Commercial Designation) **ERJ 195)**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E6A1**

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 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A2807	IGW	52,290	45,800	92.9	95.5	86.2	89.5	92.9	99.3	-
A2806	LR	50,790	45,000	93.0	95.4	85.4	89.3	92.8	99.2	-
A2805	STD	48,790	45,000	93.1	95.2	84.3	89.1	92.8	99.1	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-200**
(Commercial Designation **ERJ 195**)

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E6A1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **Block 02 (Improved acoustic chevron nozzle)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A8535	IGW	52,290	45,800	92.4	95.5	84.9	89.5	92.6	99.3	-
A8534	LR	50,790	45,000	92.5	95.4	84.0	89.3	92.5	99.2	-
A8533	STD	48,790	45,000	92.6	95.2	83.0	89.1	92.5	99.1	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-200**
(Commercial Designation **ERJ 195)**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E7**

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 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A2810	IGW	52,290	45,800	93.0	95.5	86.1	89.5	92.9	99.3	-
A2809	LR	50,790	45,000	93.1	95.4	85.2	89.3	92.8	99.2	-
A2808	STD	48,790	45,000	93.1	95.2	84.2	89.1	92.8	99.1	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-200**
(Commercial Designation **ERJ 195)**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CF34-10E7**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Block 02 (Improved acoustic chevron nozzle)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Variant	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	
A8538	IGW	52,290	45,800	92.4	95.5	84.9	89.5	92.6	99.3	-
A8537	LR	50,790	45,000	92.5	95.4	84.0	89.3	92.5	99.2	-
A8536	STD	48,790	45,000	92.6	95.2	83.0	89.1	92.5	99.1	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-300**
(Commercial Designation) **190-E2)**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW1919G**

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 8 / Amendment 12** Chapter¹ **14**

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	
A19329	56,400	49,050	85.4	95.8	78.7	89.9	91.4	99.6	-
A19330	56,200	49,050	85.4	95.7	78.6	89.9	91.4	99.6	-
A19332	55,500	49,050	85.4	95.7	78.3	89.8	91.4	99.6	-
A19333	55,000	49,050	85.4	95.7	78.1	89.8	91.4	99.5	-
A19334	54,500	49,050	85.4	95.6	77.9	89.7	91.4	99.5	-
A19335	54,000	49,050	85.4	95.6	77.7	89.7	91.4	99.5	-
A19336	53,500	49,050	85.5	95.6	77.5	89.6	91.4	99.4	-
A19337	53,000	49,050	85.5	95.5	77.3	89.6	91.4	99.4	-
A19338	52,500	49,050	85.5	95.5	77.1	89.5	91.4	99.4	-
A19339	52,000	49,050	85.5	95.5	76.9	89.4	91.4	99.3	-

¹ See Note 1.

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Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-300**
(Commercial Designation) **190-E2)**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW1919G**

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 8 / Amendment 12** Chapter¹ **14**

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	
A19340	51,500	49,050	85.5	95.4	76.7	89.4	91.4	99.3	-
A19341	51,000	49,050	85.6	95.4	76.5	89.3	91.4	99.3	-
A19342	50,500	49,050	85.6	95.4	76.3	89.3	91.4	99.2	-
A19343	49,990	49,050	85.6	95.3	76.1	89.2	91.4	99.2	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-300**
(Commercial Designation) **190-E2)**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW1922G**

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

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **14**

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	
A19344	56,400	49,050	86.6	95.8	77.3	89.9	91.4	99.6	-
A19345	56,200	49,050	86.6	95.7	77.2	89.9	91.4	99.6	-
A19346	56,000	49,050	86.7	95.7	77.1	89.9	91.4	99.6	-
A19347	55,500	49,050	86.7	95.7	76.9	89.8	91.4	99.6	-
A19348	55,000	49,050	86.7	95.7	76.7	89.8	91.4	99.5	-
A19349	54,500	49,050	86.7	95.6	76.6	89.7	91.4	99.5	-
A19350	54,000	49,050	86.7	95.6	76.4	89.7	91.4	99.5	-
A19351	53,500	49,050	86.8	95.6	76.2	89.6	91.4	99.4	-
A19352	53,000	49,050	86.8	95.5	76.0	89.6	91.4	99.4	-
A19353	52,500	49,050	86.8	95.5	75.8	89.5	91.4	99.4	-

¹ See Note 1.

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Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-300**
(Commercial Designation) **190-E2)**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW1922G**

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

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **14**

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	
A19354	52,000	49,050	86.8	95.5	75.6	89.4	91.4	99.3	-
A19355	51,500	49,050	86.8	95.4	75.4	89.4	91.4	99.3	-
A19356	51,000	49,050	86.9	95.4	75.2	89.3	91.4	99.3	-
A19357	50,500	49,050	86.9	95.4	75.0	89.3	91.4	99.2	-
A19358	49,990	49,050	86.9	95.3	74.9	89.2	91.4	99.2	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-400**
(Commercial Designation **E195-E2**)

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW1921G**

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

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **14**

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	
A19359	61,500	54,000	86.1	96.1	79.6	90.4	91.7	99.9	-
A19360	61,200	54,000	86.1	96.1	79.5	90.4	91.7	99.9	-
A19361	60,700	54,000	86.1	96.0	79.3	90.3	91.7	99.9	-
A19362	60,200	54,000	86.1	96.0	79.1	90.3	91.7	99.8	-
A19363	59,700	54,000	86.2	96.0	78.9	90.2	91.7	99.8	-
A19364	59,200	54,000	86.2	95.9	78.7	90.2	91.7	99.8	-
A19365	58,700	54,000	86.2	95.9	78.5	90.1	91.7	99.7	-
A19366	58,200	54,000	86.2	95.9	78.3	90.1	91.7	99.7	-
A19367	57,700	54,000	86.2	95.8	78.1	90.0	91.7	99.7	-
A19368	57,200	54,000	86.3	95.8	77.8	90.0	91.7	99.7	-

¹ See Note 1.

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Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-400**
(Commercial Designation **E195-E2)**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW1921G**

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 8 / Amendment 12** Chapter¹ **14**

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	
A19369	56,700	54,000	86.3	95.8	77.6	89.9	91.7	99.6	-
A19370	56,200	54,000	86.3	95.7	77.4	89.9	91.7	99.6	-
A19371	55,700	54,000	86.3	95.7	77.2	89.8	91.7	99.6	-
A19372	55,200	54,000	86.4	95.7	77.1	89.8	91.7	99.5	-

¹ See Note 1.



Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-400**
(Commercial Designation) **E195-E2)**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW1923G/PW1923G-A**

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 8 / Amendment 12** Chapter¹ **14**

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	
A19373	61,500	54,000	86.4	96.1	79.2	90.4	91.7	99.9	-
A19374	61,200	54,000	86.4	96.1	79.1	90.4	91.7	99.9	-
A19375	60,700	54,000	86.5	96.0	78.9	90.3	91.7	99.8	-
A19376	60,200	54,000	86.5	96.0	78.7	90.3	91.7	99.8	-
A19377	59,700	54,000	86.5	96.0	78.5	90.3	91.7	99.8	-
A19378	59,200	54,000	86.5	96.0	78.3	90.2	91.7	99.8	-
A19379	58,700	54,000	86.6	95.9	78.1	90.2	91.7	99.7	-
A19380	58,200	54,000	86.6	95.9	77.9	90.1	91.7	99.7	-
A19381	57,700	54,000	86.6	95.9	77.7	90.1	91.7	99.7	-
A19382	57,200	54,000	86.6	95.8	77.5	90.0	91.7	99.6	-

¹ See Note 1.

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Type Certificate Holder¹ **Yaborã Industria Aeronáutica SA** Aircraft Type Designation¹ **ERJ 190-400**
(Commercial Designation) **E195-E2)**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW1923G/PW1923G-A**

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 8 / Amendment 12** Chapter¹ **14**

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	
A19383	56,700	54,000	86.7	95.8	77.3	90.0	91.7	99.6	-
A19384	56,200	54,000	86.7	95.8	77.1	89.9	91.7	99.6	-
A19385	55,700	54,000	86.7	95.7	76.9	89.9	91.7	99.6	-
A19386	55,200	54,000	86.7	95.7	76.7	89.8	91.7	99.5	-

¹ See Note 1.



CS-36 Amendment level

ICAO, Annex 16, Volume 1 Amendment level	7	8	9	10	11-B	12
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5

TCDSN EASA.IM.A.071 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	20 April 2006	Initial Issue
Issue 2	13 July 2006	Revised
Issue 3	19 July 2006	Revised
Issue 4	21 February 2007	Revised
Issue 5	12 March 2007	Revised
Issue 6	07 November 2007	Revised
Issue 7	04 March 2008	Revised
Issue 8	01 February 2010	Addition of 190-100 SR variant and typing errors correction
Issue 9	04 July 2013	ERJ190-100 revised MTOW
Issue 10	04 July 2013	ERJ190-100 revised MTOW
Issue 11	13 January 2016	Added LR/STD versions with reduced MTOW
Issue 12	01 March 2018	Added 190-300 E2
Issue 13	03 January 2019	Updated modifications from P/N 341-3001-501 to P/N 341 3001 503
Issue 14	23 April 2019	ERJ190-400 added
Issue 15	13 December 2019	Revised
Issue 16	31 January 2020	Transfer of Type Certificate Holder from "Embraer S.A." to "Yaborã Indústria Aeronáutica S.A."
Issue 17	27 August 2020	Revised

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