



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.003

for

Boeing 777

Type Certificate Holder:

The Boeing Company

1901 Oakesdale Avenue SW

Renton, WA 98057-2623

USA

For models: 777-200
777-200LR
777-300
777-300ER
777-F



INTENTIONALLY LEFT BLANK



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-76B**

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** Chapter¹ **3**

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	
A3199	247,210	201,848	93.2	101.2	88.8	98.5	97.6	104.6	-
A3175	242,671	201,848	93.2	101.2	88.3	98.3	97.6	104.5	-
A3173	233,600	201,848	93.3	101.0	87.2	98.1	97.6	104.4	-
A3171	229,517	201,848	93.3	101.0	86.7	98.0	97.6	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-76B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 72-0307 (Block IV (DAC II combustor))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 4 / Amendment 8** Chapter¹ **3**

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	
A3200	247,210	201,848	94.1	101.2	89.6	98.5	98.3	104.6	-
A122434	247,207	213,188	94.1	101.2	89.6	98.5	98.7	104.6	-
A14312	247,207	201,848	94.1	101.2	89.6	98.5	98.3	104.6	-
A122435	242,671	210,013	94.2	101.2	89.1	98.3	98.6	104.5	-
A14313	242,671	201,848	94.2	101.2	89.1	98.3	98.3	104.5	-
A122573	233,600	208,652	94.3	101.0	88.0	98.1	98.5	104.4	-
A14314	233,600	201,848	94.3	101.0	88.0	98.1	98.3	104.4	-
A14315	229,517	201,848	94.3	101.0	87.5	98.0	98.3	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-76B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 72-0307 (Block IV (DAC II combustor)), SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **3**

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	
A122436	247,207	213,188	94.1	101.2	89.6	98.5	98.8	104.6	-
A122437	242,671	210,013	94.2	101.2	89.1	98.3	98.7	104.5	-
A122438	233,600	208,652	94.3	101.0	88.0	98.1	98.6	104.4	-
A122439	229,517	201,848	94.3	101.0	87.5	98.0	98.4	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-77B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 72-0307 (Block IV (DAC II combustor))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 4 / Amendment 8** Chapter¹ **3**

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	
A3202	247,210	201,848	94.2	101.2	89.5	98.5	98.3	104.6	-
A122440	247,207	213,188	94.2	101.2	89.5	98.5	98.7	104.6	-
A14316	247,207	201,848	94.2	101.2	89.5	98.5	98.3	104.6	-
A122441	242,671	210,013	94.3	101.2	89.0	98.3	98.6	104.5	-
A14317	242,671	201,848	94.3	101.2	89.0	98.3	98.3	104.5	-
A122442	233,600	208,652	94.4	101.0	87.9	98.1	98.5	104.4	-
A14318	233,600	201,848	94.4	101.0	87.9	98.1	98.3	104.4	-
A14319	229,517	201,848	94.4	101.0	87.4	98.0	98.3	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-77B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 72-0307 (Block IV (DAC II combustor)), SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **3**

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	
A122443	247,207	213,188	94.2	101.2	89.5	98.5	98.8	104.6	-
A122444	242,671	210,013	94.3	101.2	89.0	98.3	98.7	104.5	-
A122445	233,600	208,652	94.4	101.0	87.9	98.1	98.6	104.4	-
A122446	229,517	201,848	94.4	101.0	87.4	98.0	98.4	104.3	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-85B**

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** Chapter¹ **3**

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	
A3209	286,897	208,652	94.2	101.8	91.3	99.3	97.8	105.0	-
A8996	275,000	208,652	94.3	101.6	90.1	99.1	97.8	104.9	-
A3207	267,619	208,652	94.3	101.5	89.3	98.9	97.8	104.8	-
A3205	263,083	208,652	94.3	101.5	88.9	98.8	97.8	104.8	-
A3203	247,210	208,652	94.4	101.2	87.3	98.5	97.8	104.6	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-85B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 72-0307 (Block IV (DAC II combustor))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 6 / Amendment 10** Chapter¹ **3**

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	
A14320	286,897	213,188	94.9	101.8	92.0	99.3	98.7	105.0	-
A14321	286,897	208,652	94.9	101.8	92.0	99.3	98.5	105.0	-
A120686	275,000	208,652	95.0	101.6	91.2	99.1	98.5	104.9	-
A121081	270,000	208,652	95.1	101.6	90.2	99.0	98.5	104.9	-
A14322	267,619	213,188	95.2	101.5	90.0	98.9	98.7	104.8	-
A6605	267,619	210,013	95.2	101.5	90.0	98.9	98.6	104.8	-
A14323	267,619	208,652	95.2	101.5	90.0	98.9	98.5	104.8	-
A14324	263,083	208,652	95.2	101.5	89.5	98.8	98.5	104.8	-
A3204	247,210	201,848	95.4	101.2	87.9	98.5	98.3	104.6	-
A14325	247,207	201,848	95.4	101.2	87.9	98.5	98.3	104.6	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-85B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 72-0307 (Block IV (DAC II combustor)), SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **3**

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	
A122447	286,897	213,188	94.9	101.8	92.0	99.3	98.8	105.0	-
A122448	267,619	210,013	95.2	101.5	90.0	98.9	98.7	104.8	-
A122449	263,083	208,652	95.2	101.5	89.5	98.8	98.6	104.8	-
A122450	247,207	201,848	95.4	101.2	87.9	98.5	98.4	104.6	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-90B**

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** Chapter¹ **3**

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	
A3221	297,560	208,652	95.0	101.9	91.3	99.5	97.8	105.0	-
A3219	294,835	208,652	95.0	101.9	91.0	99.5	97.8	105.0	-
A3217	293,927	208,652	95.0	101.9	90.9	99.5	97.8	105.0	-
A3215	286,897	208,652	95.0	101.8	90.1	99.3	97.8	105.0	-
A3213	263,083	208,652	95.2	101.5	87.8	98.8	97.8	104.8	-
A3211	247,210	201,848	95.4	101.2	86.3	98.5	97.6	104.6	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-90B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 72-0307 (Block IV (DAC II combustor))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **3**

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	
A122451	297,556	213,188	95.6	101.9	91.6	99.5	98.7	105.0	-
A122452	294,835	210,013	95.6	101.9	91.4	99.5	98.6	105.0	-
A122453	293,927	208,652	95.6	101.9	91.2	99.5	98.5	105.0	-
A122454	286,897	208,652	95.7	101.8	90.6	99.3	98.5	105.0	-
A122455	263,083	208,652	96.0	101.5	88.3	98.8	98.5	104.8	-
A122456	247,207	201,848	96.3	101.2	86.8	98.5	98.3	104.6	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-90B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 72-0307 (Block IV (DAC II combustor)), SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 6 / Amendment 10** Chapter¹ **3**

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	
A3222	297,560	213,188	95.6	101.9	91.6	99.5	98.8	105.0	-
A17302	297,556	213,188	95.6	101.9	91.6	99.5	98.8	105.0	-
A121297	297,556	208,652	95.6	101.9	91.6	99.5	98.6	105.0	-
A15600	297,500	208,652	95.6	101.9	91.6	99.5	98.6	105.0	-
A14224	296,000	208,652	95.6	101.9	91.5	99.5	98.6	105.0	-
A119001	295,000	208,652	95.6	101.9	91.4	99.5	98.6	105.0	-
A14327	294,835	213,188	95.6	101.9	91.4	99.5	98.8	105.0	-
A6606	294,835	210,013	95.6	101.9	91.4	99.5	98.7	105.0	-
A14328	294,835	208,652	95.6	101.9	91.4	99.5	98.6	105.0	-
A119002	294,000	208,652	95.6	101.9	91.3	99.5	98.6	105.0	-

¹ See Note 1.

/continued over page



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-90B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 72-0307 (Block IV (DAC II combustor)), SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 6 / Amendment 10** Chapter¹ **3**

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	
A3218	293,927	208,652	95.6	101.9	91.2	99.5	98.6	105.0	-
A119003	293,000	208,652	95.6	101.9	91.2	99.4	98.6	105.0	-
A119004	292,000	208,652	95.7	101.9	91.1	99.4	98.6	105.0	-
A119005	291,000	208,652	95.7	101.8	91.0	99.4	98.6	105.0	-
A120178	290,000	208,652	95.7	101.8	90.9	99.4	98.6	105.0	-
A120572	289,000	213,188	95.7	101.8	90.8	99.4	98.8	105.0	-
A120571	289,000	208,652	95.7	101.8	90.8	99.4	98.6	105.0	-
A3216	286,897	208,652	95.7	101.8	90.6	99.3	98.6	105.0	-
A18812	286,000	208,652	95.7	101.8	90.5	99.3	98.6	105.0	-
A121082	270,000	208,652	95.9	101.6	89.0	99.0	98.6	104.9	-

¹ See Note 1.

/continued over page



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-90B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 72-0307 (Block IV (DAC II combustor)), SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 6 / Amendment 10** Chapter¹ **3**

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	
A3214	263,083	208,652	96.0	101.5	88.3	98.8	98.6	104.8	-
A3212	247,210	201,848	96.3	101.2	86.8	98.5	98.4	104.6	-
A14332	247,207	201,848	96.3	101.2	86.8	98.5	98.4	104.6	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-94B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 72-0307 (Block IV (DAC II combustor))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **3**

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	
A122457	297,556	213,188	96.3	101.9	91.1	99.5	98.7	105.0	-
A122458	294,835	210,013	96.4	101.9	90.8	99.5	98.6	105.0	-
A122459	293,927	208,652	96.4	101.9	90.7	99.5	98.5	105.0	-
A122460	286,897	201,848	96.5	101.8	90.1	99.3	98.3	105.0	-
A122461	263,083	201,848	96.8	101.5	88.0	98.8	98.3	104.8	-
A122462	254,918	213,188	96.9	101.3	87.2	98.6	98.7	104.7	-
A122463	201,848	201,848	97.7	100.5	81.4	97.3	98.3	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-94B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 72-0307 (Block IV (DAC II combustor)), SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 4 / Amendment 8** Chapter¹ **3**

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	
A3225	297,560	213,188	96.3	101.9	91.1	99.5	98.8	105.0	-
A14333	297,556	213,188	96.3	101.9	91.1	99.5	98.8	105.0	-
A15601	297,556	208,652	96.3	101.9	91.1	99.5	98.6	105.0	-
A15607	297,500	208,652	96.3	101.9	91.1	99.5	98.6	105.0	-
A6601	296,195	213,188	96.4	101.9	91.0	99.5	98.8	105.0	-
A14350	296,000	208,652	96.4	101.9	91.0	99.5	98.6	105.0	-
A118996	295,000	208,652	96.4	101.9	90.9	99.5	98.6	105.0	-
A6607	294,835	210,013	96.4	101.9	90.8	99.5	98.7	105.0	-
A118997	294,000	208,652	96.4	101.9	90.7	99.5	98.6	105.0	-
A14335	293,927	208,652	96.4	101.9	90.7	99.5	98.6	105.0	-

¹ See Note 1.

/continued over page



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-94B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 72-0307 (Block IV (DAC II combustor)), SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 4 / Amendment 8** Chapter¹ **3**

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	
A118998	293,000	208,652	96.4	101.9	90.6	99.4	98.6	105.0	-
A118999	292,000	208,652	96.4	101.9	90.5	99.4	98.6	105.0	-
A119000	291,000	208,652	96.4	101.8	90.5	99.4	98.6	105.0	-
A120177	290,000	208,652	96.5	101.8	90.4	99.4	98.6	105.0	-
A14336	286,897	201,848	96.5	101.8	90.1	99.3	98.4	105.0	-
A18813	286,000	208,652	96.5	101.8	90.0	99.3	98.6	105.0	-
A14351	280,000	208,652	96.6	101.7	89.5	99.2	98.6	105.0	-
A120291	275,000	208,652	95.1	101.6	90.7	99.1	98.5	104.9	-
A14337	263,083	201,848	96.8	101.5	88.0	98.8	98.4	104.8	-
A14338	254,918	213,188	96.9	101.3	87.2	98.6	98.8	104.7	-

¹ See Note 1.

/continued over page



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-94B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 72-0307 (Block IV (DAC II combustor)), SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 4 / Amendment 8** Chapter¹ **3**

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	
A14339	201,848	201,848	97.7	100.5	81.4	97.3	98.4	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4074**

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 **3**

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	
A122472	242,671	208,652	95.2	101.2	91.0	98.3	99.4	104.5	2
A3187	242,671	201,848	95.2	101.2	91.0	98.3	99.3	104.5	2
A3186	229,517	201,848	95.3	101.0	89.3	98.0	99.3	104.3	2
A3185	207,745	201,848	95.6	100.6	86.3	97.4	99.3	104.0	2
A10811	202,982	201,848	95.7	100.5	85.6	97.3	99.3	103.9	2
A3184	202,937	201,848	95.7	100.5	85.6	97.3	99.3	103.9	2
A3183	199,988	199,988	95.7	100.5	85.2	97.2	99.2	103.9	2
A17303	196,995	196,995	95.8	100.4	84.8	97.1	99.2	103.8	2

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4074**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **3**

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	
A122473	242,671	208,652	95.2	101.2	91.0	98.3	99.6	104.5	2
A122475	229,517	201,848	95.3	101.0	89.3	98.0	99.4	104.3	2
A122476	207,745	201,848	95.6	100.6	86.3	97.4	99.4	104.0	2
A122477	202,982	201,848	95.7	100.5	85.6	97.3	99.4	103.9	2
A122478	202,937	201,848	95.7	100.5	85.6	97.3	99.4	103.9	2
A122479	199,988	199,988	95.7	100.5	85.2	97.2	99.4	103.9	2
A122480	196,995	196,995	95.8	100.4	84.8	97.1	99.3	103.8	2

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4074D**

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 **3**

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	
A122519	242,671	208,652	95.3	101.2	91.0	98.3	99.4	104.5	3
A10815	242,671	201,848	95.3	101.2	91.0	98.3	99.2	104.5	3
A10816	229,517	201,848	95.4	101.0	89.2	98.0	99.2	104.3	3
A10817	207,745	201,848	95.7	100.6	86.3	97.4	99.2	104.0	3
A10818	202,982	201,848	95.8	100.5	85.7	97.3	99.2	103.9	3
A10819	202,937	201,848	95.8	100.5	85.7	97.3	99.2	103.9	3
A10820	199,988	199,988	95.8	100.5	85.3	97.2	99.1	103.9	3
A17305	196,995	196,995	95.9	100.4	84.9	97.1	99.0	103.8	3

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4074D**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **3**

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	
A122520	242,671	208,652	95.3	101.2	91.0	98.3	99.6	104.5	3
A122521	242,671	201,848	95.3	101.2	91.0	98.3	99.4	104.5	3
A122522	229,517	201,848	95.4	101.0	89.2	98.0	99.4	104.3	3
A122523	207,745	201,848	95.7	100.6	86.3	97.4	99.4	104.0	3
A122524	202,982	201,848	95.8	100.5	85.7	97.3	99.4	103.9	3
A122525	202,937	201,848	95.8	100.5	85.7	97.3	99.4	103.9	3
A122526	199,988	199,988	95.8	100.5	85.3	97.2	99.3	103.9	3
A122527	196,995	196,995	95.9	100.4	84.9	97.1	99.3	103.8	3

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4077**

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 **3**

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	
A3226	247,210	201,848	95.8	101.2	91.0	98.5	99.3	104.6	4
A122464	247,207	208,652	95.8	101.2	91.0	98.5	99.4	104.6	4
A14292	247,207	201,848	95.8	101.2	91.0	98.5	99.3	104.6	4
A3192	242,671	201,848	95.9	101.2	90.4	98.3	99.3	104.5	4
A3191	233,600	201,848	96.0	101.0	89.1	98.1	99.3	104.4	4
A14294	229,517	201,848	96.1	101.0	88.5	98.0	99.3	104.3	4
A3189	202,982	201,848	96.4	100.5	85.1	97.3	99.3	103.9	4
A10812	202,937	201,848	96.4	100.5	85.1	97.3	99.3	103.9	4
A14296	201,848	201,848	96.4	100.5	84.9	97.3	99.3	103.9	4
A3188	201,848	199,988	96.4	100.5	84.9	97.3	99.2	103.9	4

¹ See Note 1.

/continued over page



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4077**

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 **3**

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	
A17304	196,995	196,995	96.5	100.4	84.2	97.1	99.2	103.8	4

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4077**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **3**

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	
A122465	247,207	208,652	95.8	101.2	91.0	98.5	99.6	104.6	4
A122466	242,671	201,848	95.9	101.2	90.4	98.3	99.4	104.5	4
A122467	233,600	201,848	96.0	101.0	89.1	98.1	99.4	104.4	4
A122468	202,982	201,848	96.4	100.5	85.1	97.3	99.4	103.9	4
A122469	202,937	201,848	96.4	100.5	85.1	97.3	99.4	103.9	4
A122470	201,848	199,988	96.4	100.5	84.9	97.3	99.4	103.9	4
A122471	196,995	196,995	96.5	100.4	84.2	97.1	99.3	103.8	4

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4077, PW4090**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Engine intermix, engines at PW4074(D) thrust rating**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **3**

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	
A122607	242,671	208,652	95.3	101.2	91.0	98.3	99.4	104.5	-
A122608	242,671	201,848	95.3	101.2	91.0	98.3	99.3	104.5	-
A122609	229,517	201,848	95.4	101.0	89.3	98.0	99.3	104.3	-
A122610	207,745	201,848	95.7	100.6	86.3	97.4	99.3	104.0	-
A122611	202,982	201,848	95.8	100.5	85.7	97.3	99.3	103.9	-
A122612	202,937	201,848	95.8	100.5	85.7	97.3	99.3	103.9	-
A122613	199,988	199,988	95.8	100.5	85.3	97.2	99.2	103.9	-
A122614	196,995	196,995	95.9	100.4	84.9	97.1	99.2	103.8	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4077, PW4090**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Engine intermix, engines at PW4077(D) thrust rating**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **3**

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	
A122590	247,207	208,652	95.9	101.2	91.0	98.5	99.4	104.6	-
A122591	247,207	201,848	95.9	101.2	91.0	98.5	99.3	104.6	-
A122592	242,671	201,848	96.0	101.2	90.4	98.3	99.3	104.5	-
A122593	233,600	201,848	96.1	101.0	89.1	98.1	99.3	104.4	-
A122594	202,982	201,848	96.5	100.5	85.1	97.3	99.3	103.9	-
A122595	202,937	201,848	96.5	100.5	85.1	97.3	99.3	103.9	-
A122596	201,848	201,848	96.6	100.5	84.9	97.3	99.3	103.9	-
A122597	201,848	199,988	96.6	100.5	84.9	97.3	99.2	103.9	-
A122598	196,995	196,995	96.6	100.4	84.2	97.1	99.2	103.8	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4077, PW4090**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Engine intermix, engines at PW4074(D) thrust rating, SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **3**

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	
A122615	242,671	208,652	95.3	101.2	91.0	98.3	99.6	104.5	-
A122616	242,671	201,848	95.3	101.2	91.0	98.3	99.4	104.5	-
A122617	229,517	201,848	95.4	101.0	89.3	98.0	99.4	104.3	-
A122618	207,745	201,848	95.7	100.6	86.3	97.4	99.4	104.0	-
A122619	202,982	201,848	95.8	100.5	85.7	97.3	99.4	103.9	-
A122620	202,937	201,848	95.8	100.5	85.7	97.3	99.4	103.9	-
A122621	199,988	199,988	95.8	100.5	85.3	97.2	99.4	103.9	-
A122622	196,995	196,995	95.9	100.4	84.9	97.1	99.3	103.8	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4077, PW4090**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Engine intermix, engines at PW4077(D) thrust rating, SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **3**

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	
A122599	247,207	208,652	95.9	101.2	91.0	98.5	99.6	104.6	-
A122600	242,671	201,848	96.0	101.2	90.4	98.3	99.4	104.5	-
A122601	233,600	201,848	96.1	101.0	89.1	98.1	99.4	104.4	-
A122602	202,982	201,848	96.5	100.5	85.1	97.3	99.4	103.9	-
A122603	202,937	201,848	96.5	100.5	85.1	97.3	99.4	103.9	-
A122604	201,848	201,848	96.6	100.5	84.9	97.3	99.4	103.9	-
A122605	201,848	199,988	96.6	100.5	84.9	97.3	99.4	103.9	-
A122606	196,995	196,995	96.6	100.4	84.2	97.1	99.3	103.8	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4077D**

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

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 6 / Amendment 10** Chapter¹ **3**

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	
A10821	265,351	208,652	95.7	101.5	93.3	98.9	99.4	104.8	5
A10822	247,207	201,848	95.9	101.2	90.9	98.5	99.2	104.6	5
A10823	242,671	201,848	96.0	101.2	90.3	98.3	99.2	104.5	5
A10824	233,600	201,848	96.1	101.0	89.1	98.1	99.2	104.4	5
A10825	202,982	201,848	96.5	100.5	85.1	97.3	99.2	103.9	5
A10826	202,937	201,848	96.5	100.5	85.1	97.3	99.2	103.9	5
A10827	201,848	201,848	96.6	100.5	84.9	97.3	99.2	103.9	5
A122528	201,848	199,988	96.6	100.5	84.9	97.3	99.1	103.9	5
A17306	196,995	196,995	96.6	100.4	84.2	97.1	99.0	103.8	5

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4077D**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **3**

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	
A122529	265,351	208,652	95.7	101.5	93.3	98.9	99.6	104.8	5
A122530	247,207	201,848	95.9	101.2	90.9	98.5	99.4	104.6	5
A122531	242,671	201,848	96.0	101.2	90.3	98.3	99.4	104.5	5
A122532	233,600	201,848	96.1	101.0	89.1	98.1	99.4	104.4	5
A122533	202,982	201,848	96.5	100.5	85.1	97.3	99.4	103.9	5
A122534	202,937	201,848	96.5	100.5	85.1	97.3	99.4	103.9	5
A122535	201,848	201,848	96.6	100.5	84.9	97.3	99.4	103.9	5
A122536	201,848	199,988	96.6	100.5	84.9	97.3	99.3	103.9	5
A122537	196,995	196,995	96.6	100.4	84.2	97.1	99.3	103.8	5

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4084D**

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

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 6 / Amendment 10** Chapter¹ **3**

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	
A10828	294,835	213,188	96.5	101.9	95.0	99.5	99.5	105.0	6
A10829	293,927	213,188	96.5	101.9	94.8	99.5	99.5	105.0	6
A10830	286,897	208,652	96.9	101.8	94.0	99.3	99.4	105.0	6
A10831	267,619	208,652	97.2	101.5	91.8	98.9	99.4	104.8	6
A10832	264,897	208,652	97.2	101.5	91.5	98.9	99.4	104.8	6
A10833	247,207	201,848	97.4	101.2	89.4	98.5	99.2	104.6	6
A10834	229,517	201,848	97.6	101.0	87.3	98.0	99.2	104.3	6
A10835	202,937	201,848	98.0	100.5	84.3	97.3	99.2	103.9	6
A122538	202,937	199,988	98.0	100.5	84.3	97.3	99.1	103.9	6
A122539	202,937	196,995	98.0	100.5	84.3	97.3	99.0	103.9	6

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4084D**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **3**

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	
A122540	294,835	213,188	96.5	101.9	95.0	99.5	99.5	105.0	6
A122541	293,927	213,188	96.5	101.9	94.8	99.5	99.5	105.0	6
A122542	286,897	208,652	96.9	101.8	94.0	99.3	99.4	105.0	6
A122543	267,619	208,652	97.2	101.5	91.8	98.9	99.4	104.8	6
A122544	264,897	208,652	97.2	101.5	91.5	98.9	99.4	104.8	6
A122545	247,207	201,848	97.4	101.2	89.4	98.5	99.2	104.6	6
A122546	229,517	201,848	97.6	101.0	87.3	98.0	99.2	104.3	6
A122547	202,937	199,988	98.0	100.5	84.3	97.3	99.1	103.9	6
A122548	202,937	196,995	98.0	100.5	84.3	97.3	99.0	103.9	6

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4090**

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 **3**

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	
A122564	297,556	213,188	98.1	101.9	93.9	99.5	99.5	105.0	-
A122565	293,927	213,188	98.1	101.9	93.5	99.5	99.5	105.0	-
A122566	286,897	208,652	98.2	101.8	92.7	99.3	99.4	105.0	-
A122567	267,619	208,652	98.5	101.5	90.5	98.9	99.4	104.8	-
A122568	247,207	201,848	98.8	101.2	88.3	98.5	99.2	104.6	-
A122569	231,967	201,848	99.0	101.0	86.8	98.1	99.2	104.4	-
A122570	219,992	199,988	99.1	100.8	85.5	97.8	99.1	104.2	-
A122571	207,972	196,995	99.3	100.6	84.0	97.5	99.0	104.0	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4090**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 4 / Amendment 8** Chapter¹ **3**

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	
A3231	297,560	213,188	98.1	101.9	93.9	99.5	99.7	105.0	-
A14256	297,556	213,188	98.1	101.9	93.9	99.5	99.7	105.0	-
A16305	297,556	208,652	98.1	101.9	93.9	99.5	99.6	105.0	-
A3230	293,927	213,188	98.1	101.9	93.5	99.5	99.7	105.0	-
A14413	290,299	213,188	98.2	101.8	93.0	99.4	99.7	105.0	-
A3229	286,897	208,652	98.2	101.8	92.7	99.3	99.6	105.0	-
A3228	267,619	208,652	98.5	101.5	90.5	98.9	99.6	104.8	-
A3227	247,210	201,848	98.8	101.2	88.3	98.5	99.4	104.6	-
A16304	247,207	208,652	98.8	101.2	88.3	98.5	99.6	104.6	-
A14260	247,207	201,848	98.8	101.2	88.3	98.5	99.4	104.6	-

¹ See Note 1.

/continued over page



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4090**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 4 / Amendment 8** Chapter¹ **3**

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	
A119402	231,967	201,848	99.0	101.0	86.8	98.1	99.4	104.4	-
A121329	219,992	208,652	99.1	100.8	85.5	97.8	99.6	104.2	-
A121330	207,972	207,972	99.3	100.6	84.0	97.5	99.5	104.0	-
A122549	207,972	199,988	99.3	100.6	84.0	97.5	99.3	104.0	-
A122550	207,972	196,995	99.3	100.6	84.0	97.5	99.3	104.0	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4090-3**

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 **3**

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	
A122551	297,556	213,188	98.1	101.9	93.9	99.5	99.5	105.0	-
A122552	293,927	213,188	98.1	101.9	93.5	99.5	99.5	105.0	-
A122553	286,897	208,652	98.2	101.8	92.7	99.3	99.4	105.0	-
A122554	267,619	208,652	98.5	101.5	90.5	98.9	99.4	104.8	-
A122555	247,207	201,848	98.8	101.2	88.3	98.5	99.2	104.6	-
A122556	231,967	201,848	99.0	101.0	86.8	98.1	99.2	104.4	-
A122557	219,992	199,988	99.1	100.8	85.5	97.8	99.1	104.2	-
A122558	207,972	196,995	99.3	100.6	84.0	97.5	99.0	104.0	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4090-3**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 4 / Amendment 8** Chapter¹ **3**

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	
A121365	297,560	213,188	98.1	101.9	93.9	99.5	99.7	105.0	-
A121366	297,556	213,188	98.1	101.9	93.9	99.5	99.7	105.0	-
A121367	297,556	208,652	98.1	101.9	93.9	99.5	99.6	105.0	-
A121368	293,927	213,188	98.1	101.9	93.5	99.5	99.7	105.0	-
A121369	290,299	213,188	98.2	101.8	93.0	99.4	99.7	105.0	-
A121370	286,897	208,652	98.2	101.8	92.7	99.3	99.6	105.0	-
A121371	267,619	208,652	98.5	101.5	90.5	98.9	99.6	104.8	-
A121372	247,210	201,848	98.8	101.2	88.3	98.5	99.4	104.6	-
A121373	247,207	208,652	98.8	101.2	88.3	98.5	99.6	104.6	-
A121374	247,207	201,848	98.8	101.2	88.3	98.5	99.4	104.6	-

¹ See Note 1.

/continued over page



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4090-3**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 4 / Amendment 8** Chapter¹ **3**

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	
A121375	231,967	201,848	99.0	101.0	86.8	98.1	99.4	104.4	-
A121376	219,992	208,652	99.1	100.8	85.5	97.8	99.6	104.2	-
A121377	207,972	207,972	99.3	100.6	84.0	97.5	99.5	104.0	-
A122574	207,972	199,988	99.3	100.6	84.0	97.5	99.3	104.0	-
A122572	207,972	196,995	99.3	100.6	84.0	97.5	99.3	104.0	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **RB211 Trent 875**

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 **3**

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	
A3232	247,210	201,848	95.8	101.2	92.2	98.5	99.4	104.6	-
A122481	247,207	213,188	95.8	101.2	92.2	98.5	99.8	104.6	-
A122482	247,207	208,652	95.8	101.2	92.2	98.5	99.4	104.6	-
A14261	247,207	201,848	95.8	101.2	92.2	98.5	99.4	104.6	-
A3195	242,671	201,848	95.8	101.2	91.7	98.3	99.4	104.5	-
A3194	229,517	201,848	96.0	101.0	90.0	98.0	99.4	104.3	-
A3193	207,745	201,848	96.3	100.6	87.3	97.4	99.4	104.0	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **RB211 Trent 875**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **3**

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	
A122483	247,207	213,188	95.8	101.2	92.2	98.5	100.1	104.6	-
A122484	247,207	208,652	95.8	101.2	92.2	98.5	99.9	104.6	-
A122485	247,207	201,848	95.8	101.2	92.2	98.5	99.7	104.6	-
A122486	242,671	201,848	95.8	101.2	91.7	98.3	99.7	104.5	-
A122487	229,517	201,848	96.0	101.0	90.0	98.0	99.7	104.3	-
A122488	207,745	201,848	96.3	100.6	87.3	97.4	99.7	104.0	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **RB211 Trent 877**

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 **3**

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	
A122489	251,743	213,188	96.1	101.3	92.0	98.6	99.8	104.6	-
A122490	251,743	208,652	96.1	101.3	92.0	98.6	99.7	104.6	-
A3234	251,743	201,848	96.1	101.3	92.0	98.6	99.4	104.6	-
A3233	247,210	201,848	96.2	101.2	91.4	98.5	99.4	104.6	-
A14266	247,207	201,848	96.2	101.2	91.4	98.5	99.4	104.6	-
A3198	242,671	201,848	96.2	101.2	90.9	98.3	99.4	104.5	-
A3197	229,517	201,848	96.4	101.0	89.4	98.0	99.4	104.3	-
A3196	207,745	201,848	96.7	100.6	86.8	97.4	99.4	104.0	-
A14269	207,445	201,848	96.7	100.6	86.8	97.4	99.4	104.0	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **RB211 Trent 877**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **3**

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	
A122491	251,743	213,188	96.1	101.3	92.0	98.6	100.1	104.6	-
A122492	251,743	208,652	96.1	101.3	92.0	98.6	99.9	104.6	-
A122493	251,743	201,848	96.1	101.3	92.0	98.6	99.7	104.6	-
A122494	247,207	201,848	96.2	101.2	91.4	98.5	99.7	104.6	-
A122495	242,671	201,848	96.2	101.2	90.9	98.3	99.7	104.5	-
A122496	229,517	201,848	96.4	101.0	89.4	98.0	99.7	104.3	-
A122497	207,745	201,848	96.7	100.6	86.8	97.4	99.7	104.0	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **RB211 Trent 884**

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 **3**

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	
A122500	294,835	213,188	96.5	101.9	95.5	99.5	99.8	105.0	-
A122501	294,835	208,652	96.5	101.9	95.5	99.5	99.7	105.0	-
A122502	289,332	208,652	96.8	101.8	94.7	99.4	99.7	105.0	-
A122503	286,897	208,652	96.8	101.8	94.4	99.3	99.7	105.0	-
A122504	267,619	208,652	97.0	101.5	92.1	98.9	99.7	104.8	-
A122505	247,207	208,652	97.3	101.2	89.6	98.5	99.7	104.6	-
A122506	247,207	201,848	97.3	101.2	89.6	98.5	99.4	104.6	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **RB211 Trent 884**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **3**

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	
A122498	294,835	213,188	96.5	101.9	95.5	99.5	100.1	105.0	-
A15457	294,835	208,652	96.5	101.9	95.5	99.5	99.9	105.0	-
A15458	289,332	208,652	96.8	101.8	94.7	99.4	99.9	105.0	-
A3237	286,897	213,188	96.8	101.8	94.4	99.3	100.1	105.0	-
A13446	286,897	208,652	96.8	101.8	94.4	99.3	99.9	105.0	-
A3236	267,619	208,652	97.0	101.5	92.1	98.9	99.9	104.8	-
A3235	247,210	208,652	97.3	101.2	89.6	98.5	99.7	104.6	-
A14273	247,207	208,652	97.3	101.2	89.6	98.5	99.9	104.6	-
A122499	247,207	201,848	97.3	101.2	89.6	98.5	99.7	104.6	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **RB211 Trent 892**

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 **3**

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	
A122508	297,556	213,188	97.5	101.9	94.1	99.5	99.8	105.0	-
A122509	293,927	213,188	97.6	101.9	93.7	99.5	99.8	105.0	-
A122510	286,897	213,188	97.7	101.8	92.9	99.3	99.8	105.0	-
A122511	267,619	208,652	97.9	101.5	90.7	98.9	99.7	104.8	-
A122512	247,207	208,652	98.2	101.2	88.4	98.5	99.7	104.6	-
A122513	247,207	201,848	98.2	101.2	88.4	98.5	99.4	104.6	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **RB211 Trent 892**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 6 / Amendment 10** Chapter¹ **3**

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	
A3242	297,560	213,188	97.5	101.9	94.1	99.5	100.1	105.0	-
A14274	297,556	213,188	97.5	101.9	94.1	99.5	100.1	105.0	-
A120608	294,835	208,652	97.6	101.9	93.8	99.5	99.9	105.0	-
A122578	294,835	208,652	97.6	101.9	93.8	99.5	99.9	105.0	-
A3241	293,927	213,188	97.6	101.9	93.7	99.5	100.1	105.0	-
A3240	286,897	213,188	97.7	101.8	92.9	99.3	100.1	105.0	-
A3239	267,619	208,652	97.9	101.5	90.7	98.9	99.9	104.8	-
A3238	247,210	208,652	98.2	101.2	88.4	98.5	99.9	104.6	-
A14278	247,207	208,652	98.2	101.2	88.4	98.5	99.9	104.6	-
A122507	247,207	201,848	98.2	101.2	88.4	98.5	99.7	104.6	-

¹ See Note 1.

/continued over page



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **RB211 Trent 892**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 6 / Amendment 10** Chapter¹ **3**

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	
A122579	247,207	201,848	98.2	101.2	88.4	98.5	99.7	104.6	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **RB211 Trent 892B**

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 **3**

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	
A122580	297,556	213,188	97.5	101.9	94.1	99.5	99.8	105.0	-
A122581	293,927	213,188	97.6	101.9	93.7	99.5	99.8	105.0	-
A122582	286,897	213,188	97.7	101.8	92.9	99.3	99.8	105.0	-
A122583	267,619	208,652	97.9	101.5	90.7	98.9	99.7	104.8	-
A122584	247,207	208,652	98.2	101.2	88.4	98.5	99.7	104.6	-
A122585	247,207	201,848	98.2	101.2	88.4	98.5	99.4	104.6	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **RB211 Trent 892B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 4 / Amendment 8** Chapter¹ **3**

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	
A10186	297,560	213,188	97.5	101.9	94.1	99.5	100.1	105.0	-
A14279	297,556	213,188	97.5	101.9	94.1	99.5	100.1	105.0	-
A10187	293,927	213,188	97.6	101.9	93.7	99.5	100.1	105.0	-
A10188	286,897	213,188	97.7	101.8	92.9	99.3	100.1	105.0	-
A10189	267,619	208,652	97.9	101.5	90.7	98.9	99.9	104.8	-
A10190	247,210	208,652	98.2	101.2	88.4	98.5	99.9	104.6	-
A14283	247,207	208,652	98.2	101.2	88.4	98.5	99.9	104.6	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **RB211 Trent 895**

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 **3**

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	
A122515	297,556	213,188	98.2	101.9	93.4	99.5	99.8	105.0	-
A122516	297,556	208,652	98.2	101.9	93.4	99.5	99.7	105.0	-
A122517	293,927	208,652	98.3	101.9	93.0	99.5	99.7	105.0	-
A122518	286,897	201,848	98.4	101.8	92.4	99.3	99.4	105.0	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200**

Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **RB211 Trent 895**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **SB 777-27-0079 or 777-27-0080, or production equivalent (Improved landing attitude modifier)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 4 / Amendment 8** Chapter¹ **3**

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	
A3245	297,560	208,652	98.2	101.9	93.4	99.5	99.9	105.0	-
A122514	297,556	213,188	98.2	101.9	93.4	99.5	100.1	105.0	-
A14284	297,556	208,652	98.2	101.9	93.4	99.5	99.9	105.0	-
A120606	297,000	208,652	98.2	101.9	93.3	99.5	99.9	105.0	-
A3244	293,927	208,652	98.3	101.9	93.0	99.5	99.9	105.0	-
A3243	286,897	201,848	98.4	101.8	92.4	99.3	99.7	105.0	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200LR**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-110B1**

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 4 / Amendment 8** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A4927	347,500	223,200	97.9	102.5	92.6	100.4	99.7	105.0	-
A4926	346,100	223,200	97.9	102.5	92.5	100.4	99.7	105.0	-
A4925	343,400	223,200	97.9	102.4	92.2	100.4	99.7	105.0	-
A4924	340,200	223,200	98.0	102.4	91.9	100.3	99.7	105.0	-
A4923	326,600	223,200	98.1	102.3	90.7	100.1	99.7	105.0	-
A4922	313,000	220,899	98.3	102.1	89.4	99.8	99.7	105.0	-
A4921	299,399	220,899	98.5	101.9	88.1	99.6	99.7	105.0	-
A4920	286,900	220,899	98.7	101.8	87.0	99.3	99.7	105.0	-
A119400	279,000	220,899	98.8	101.7	86.3	99.2	99.7	105.0	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-200LR**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-115B**

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 4 / Amendment 8** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A4938	347,500	223,200	99.2	102.5	91.9	100.4	99.7	105.0	7
A122045	347,451	223,167	99.2	102.5	91.9	100.4	99.7	105.0	7
A4937	346,100	223,200	99.2	102.5	91.8	100.4	99.7	105.0	7
A4936	343,400	223,200	99.3	102.4	91.5	100.4	99.7	105.0	7
A4935	340,200	223,200	99.3	102.4	91.2	100.3	99.7	105.0	7
A4934	326,600	223,200	99.5	102.3	90.0	100.1	99.7	105.0	7
A16613	322,050	223,167	99.6	102.2	89.6	100.0	99.7	105.0	-
A4933	313,000	220,899	99.7	102.1	88.7	99.8	99.7	105.0	7
A4932	299,399	220,899	99.9	101.9	87.6	99.6	99.7	105.0	7
A4931	286,900	220,899	100.1	101.8	86.5	99.3	99.7	105.0	7

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-300**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4090**

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** Chapter¹ **3**

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	
A3252	299,370	237,682	97.3	101.9	94.4	99.6	99.9	105.0	-
A3251	286,897	237,682	97.5	101.8	92.9	99.3	99.9	105.0	-
A3250	263,083	237,682	97.9	101.5	90.2	98.8	99.9	104.8	-
A3249	249,475	208,652	98.0	101.3	88.7	98.5	99.2	104.6	-
A3248	237,002	237,002	98.2	101.1	87.2	98.2	99.9	104.4	-
A3247	233,962	233,962	98.3	101.0	86.9	98.1	99.8	104.4	-
A3246	204,117	201,848	98.7	100.5	83.4	97.3	99.0	103.9	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-300**

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW4098**

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** Chapter¹ **3**

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	
A3256	299,370	237,682	98.5	101.9	93.1	99.6	101.1	105.0	-
A3255	286,897	208,652	98.7	101.8	91.7	99.3	100.2	105.0	-
A3254	263,083	201,848	99.1	101.5	89.2	98.8	100.0	104.8	-
A3253	249,475	201,848	99.3	101.3	87.7	98.5	100.0	104.6	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-300**

Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **RB211 Trent 892**

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** Chapter¹ **3**

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	
A3264	299,370	237,682	96.9	101.9	94.2	99.6	100.4	105.0	-
A3263	286,897	208,652	97.0	101.8	92.7	99.3	99.4	105.0	-
A3262	263,083	201,848	97.3	101.5	89.7	98.8	99.2	104.8	-
A3261	249,475	201,848	97.5	101.3	88.4	98.5	99.2	104.6	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-300ER**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-115B**

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 Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A5609	351,534	251,290	98.7	102.5	92.8	100.5	100.5	105.0	7
A5608	348,800	251,290	98.8	102.5	92.6	100.4	100.5	105.0	7
A5607	345,000	251,290	98.8	102.5	92.3	100.4	100.5	105.0	7
A10198	344,730	251,290	98.8	102.5	92.3	100.4	100.5	105.0	7
A10649	344,548	251,290	98.8	102.5	92.3	100.4	100.5	105.0	7
A5606	344,500	251,290	98.8	102.5	92.3	100.4	100.5	105.0	7
A5605	343,800	251,290	98.8	102.5	92.2	100.4	100.5	105.0	7
A5604	342,900	251,290	98.8	102.4	92.1	100.3	100.5	105.0	7
A10708	341,101	251,290	98.9	102.4	92.0	100.3	100.5	105.0	7
A14353	341,000	251,290	98.9	102.4	92.0	100.3	100.5	105.0	7

¹ See Note 1.

/continued over page



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-300ER**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-115B**

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 Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A5603	340,200	251,290	98.9	102.4	91.9	100.3	100.5	105.0	7
A121048	340,194	251,290	98.9	102.4	91.9	100.3	100.5	105.0	7
A15602	340,000	251,290	98.9	102.4	91.9	100.3	100.5	105.0	7
A5602	334,800	251,290	98.9	102.4	91.5	100.2	100.5	105.0	7
A17273	330,500	251,290	99.0	102.3	91.1	100.1	100.5	105.0	7
A122000	330,000	246,504	99.0	102.3	91.1	100.1	100.5	105.0	7
A122014	329,980	246,200	99.0	102.3	91.0	100.1	100.4	105.0	7
A14354	329,500	251,290	99.0	102.3	91.0	100.1	100.5	105.0	7
A5601	324,300	251,290	99.1	102.2	90.5	100.0	100.5	105.0	7
A5600	313,700	251,290	99.2	102.1	89.7	99.8	100.5	105.0	7

¹ See Note 1.

/continued over page



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-300ER**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-115B**

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 Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A5599	308,000	251,290	99.3	102.0	89.2	99.7	100.5	105.0	7
A5598	297,600	251,290	99.5	101.9	88.3	99.5	100.5	105.0	7
A5597	287,800	251,290	99.6	101.8	87.5	99.3	100.5	105.0	7
A5596	278,000	251,290	99.8	101.7	86.7	99.1	100.5	105.0	7
A5595	260,800	244,100	100.0	101.4	85.3	98.8	100.4	104.8	7
A5594	237,000	237,000	100.4	101.1	83.3	98.2	100.3	104.4	7
A5593	234,000	234,000	100.5	101.0	83.1	98.1	100.2	104.4	7

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-F**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-110B1**

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 4 / Amendment 8** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A10080	347,814	260,815	97.9	102.5	92.7	100.4	100.3	105.0	-
A10079	347,814	257,640	97.9	102.5	92.7	100.4	100.3	105.0	-
A10078	347,451	260,815	97.9	102.5	92.6	100.4	100.3	105.0	-
A10077	347,451	223,167	97.9	102.5	92.6	100.4	99.7	105.0	-
A10076	346,090	223,167	97.9	102.5	92.5	100.4	99.7	105.0	-
A10075	343,369	223,167	97.9	102.4	92.2	100.4	99.7	105.0	-
A10074	340,194	223,167	98.0	102.4	91.9	100.3	99.7	105.0	-
A10073	326,586	223,167	98.1	102.3	90.7	100.1	99.7	105.0	-
A10072	312,978	220,899	98.3	102.1	89.4	99.8	99.7	105.0	-
A10071	299,370	220,899	98.5	101.9	88.1	99.6	99.7	105.0	-

¹ See Note 1.

/continued over page



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-F**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-110B1**

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 4 / Amendment 8** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A10070	286,897	220,899	98.7	101.8	87.0	99.3	99.7	105.0	-
A119401	279,000	220,899	98.8	101.7	86.3	99.2	99.7	105.0	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-F**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-115B**

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 4 / Amendment 8** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A14225	347,814	260,815	99.2	102.5	92.0	100.4	100.3	105.0	7
A14226	347,814	257,640	99.2	102.5	92.0	100.4	100.3	105.0	7
A14227	347,451	260,815	99.2	102.5	91.9	100.4	100.3	105.0	7
A14228	347,451	223,167	99.2	102.5	91.9	100.4	99.7	105.0	7
A14229	346,090	223,167	99.2	102.5	91.8	100.4	99.7	105.0	7
A14230	343,369	223,167	99.3	102.4	91.5	100.4	99.7	105.0	7
A14231	340,194	223,167	99.3	102.4	91.2	100.3	99.7	105.0	7
A14232	326,586	223,167	99.5	102.3	90.0	100.1	99.7	105.0	7
A14233	312,978	220,899	99.7	102.1	88.7	99.8	99.7	105.0	7
A14234	299,370	220,899	99.9	101.9	87.6	99.6	99.7	105.0	7

¹ See Note 1.

/continued over page



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **777-F**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **GE90-115B**

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 4 / Amendment 8** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A14235	286,897	220,899	100.1	101.8	86.5	99.3	99.7	105.0	7

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.003 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. PW 4084 derated to 74000 lbs SLST
3. PW 4090 derated to 74000 lbs SLST
4. PW 4084 derated to 77000 lbs SLST
5. PW 4090 derated to 77000 lbs SLST
6. PW 4090 derated to 84000 lbs SLST
7. Valid also for GE90-115BL engine (hot and high thrust bump).

Change Record

Change Record

Issue	Date	Changes
Issue 1	08 January 2006	Initial Issue
Issue 2	22 March 2007	Revised
Issue 3	30 April 2007	Revised
Issue 4	15 January 2008	Revised
Issue 5	17 February 2009	Revised
Issue 6	08 April 2009	Revised
Issue 7	01 December 2009	Revised
Issue 8	26 April 2010	B777-F records updated
Issue 9	19 January 2011	Added 777-200 fitted with RR RB211
Issue 10	08 June 2011	Revised
Issue 11	13 July 2012	Revised
Issue 12	24 January 2013	Revised
Issue 13	21 November 2013	Added records A119400, A119401 and A119402 and Revised records A4924, A10074, A10821 and A14302
Issue 14	27 April 2015	Added records A120177, A120178, A120291, A120571, A120572, A120606 & A120608
Issue 15	01 September 2015	Harmonized records regarding MTOM and MLM, removed duplicated records
Issue 16	25 September 2015	Added records that were unintentionally not reflected in Rev. 15
Issue 17	05 April 2016	Added records A121048, A121081 and A121082
Issue 18	22 June 2016	Added 777-F fitted with GE90-115B engines
Issue 19	24 November 2016	777-200 records updated
Issue 20	15 June 2018	Added record A122000
Issue 21	13 September 2018	Added records A121329, A121330, A121376, A121377 and A122014
Issue 22	12 April 2019	Added record A122045
Issue 23	07 September 2020	Revised

-END-

