TCDSN No.: EASA.IM.A.205 Boeing 757 Page 1 of 76 Date: 25 March 2022

Issue: 12



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.205

for

Boeing 757

Type Certificate Holder: The Boeing Company 1901 Oakesdale Ave SW Renton, WA 98057-2623 USA

For models: 757-200 757-200PF 757-300



TCDSN No.: EASA.IM.A.205 Boeing 757 Page 2 of 76

Issue: 12 Date: 25 March 2022

INTENTIONALLY LEFT BLANK

Issue: 12

Page 3 of 76 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ PW2037

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels¹

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

FACA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A4781	115,892	95,254	93.7	98.4	91.4	94.1	98.1	102.0	-
A7011	107,000	89,811	93.8	98.1	88.5	93.6	97.7	101.8	-
A7010	106,594	89,811	93.8	98.1	88.4	93.6	97.7	101.7	-
A4780	99,790	89,811	94.0	97.9	86.2	93.2	97.7	101.5	-

¹ See Note 1.



Issue: 12

Page 4 of 76 Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Pratt & Whitney Engine Type Designation¹ PW2037

Additional modifications essential to meet the requirements or needed to attain the PW SB 72-143 (Performance Improvement Package (PIP))

certificated noise levels¹

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soo
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10862	104,326	89,811	93.9	98.0	87.6	93.5	97.7	101.7	-

¹ See Note 1.



Issue: 12

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Pratt & Whitney Engine Type Designation¹ PW2037

 $\label{lem:conditional} \mbox{ Additional modifications essential to meet the requirements or needed to attain the} \\$

certificated noise levels¹

PW SB 72-633 or REA 97FA021A ("Quiet Fan Case" consisting of Grumman forward fan case, perforated fan containment case panels and treated fan case exit rear panels), AFM option code <572.R4.PW2037.QFC (Recertification to Chapter 4)

Page 5 of 76

Date: 25 March 2022

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 6 / Amendment 10 Chapter¹ 4

FACA	Maximu	ım Mass	Latera	I EPNL	Flyove	er EPNL	Approa	ch EPNL	Can
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121429	115,892	95,254	92.3	98.4	89.6	94.1	97.1	102.0	-
A121533	113,398	95,254	92.4	98.4	88.8	94.0	97.1	102.0	-
A121430	108,862	95,254	92.5	98.2	87.3	93.7	97.1	101.8	-
A121431	104,326	89,992	92.7	98.0	85.9	93.5	96.9	101.7	-
A121432	99,790	89,992	92.8	97.9	84.5	93.2	96.9	101.5	-
A121433	95,254	89,992	93.0	97.7	83.0	92.9	96.9	101.4	-
A121434	90,718	89,811	93.2	97.5	81.7	92.7	96.9	101.2	-
A121435	84,821	89,811	93.4	97.3	80.0	92.3	96.9	101.0	-

¹ See Note 1.



Issue: 12

12 Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Pratt & Whitney Engine Type Designation¹ PW2037

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

PW SB 72-633 or REA 97FA021A (Engine intermix; one engine with Performance improvement package (PIP), one engine with "Quiet Fan Case" consisting of Grumman forward fan case, perforated fan containment case panels and treated fan case exit rear panels), AFM option code <572.R4.PW2037.PIP (Recertification to Chapter 4)

Page 6 of 76

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 6 / Amendment 10 Chapter¹ 4

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Coo
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121653	115,892	95,254	93.5	98.4	91.3	94.1	98.1	102.0	2
A121654	113,398	95,254	93.5	98.4	90.3	94.0	98.1	102.0	2
A121655	108,862	95,254	93.7	98.2	88.7	93.7	98.1	101.8	2
A121656	104,326	89,992	93.8	98.0	87.1	93.5	97.7	101.7	2
A121657	99,790	89,992	93.9	97.9	85.6	93.2	97.7	101.5	2
A121658	95,254	89,992	94.1	97.7	84.1	92.9	97.7	101.4	2
A121659	90,718	89,811	94.2	97.5	82.7	92.7	97.7	101.2	2
A121660	84,821	89,811	94.4	97.3	81.0	92.3	97.7	101.0	2

¹ See Note 1.



Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ PW2037

Additional modifications essential to meet the requirements or needed to attain the Performance improvement package (PIP)

certificated noise levels1

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

FACA	Maximum	Mass	Lateral	EPNL	Flyover	EPNL	Approa	ch EPNL	Coo
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A4779	115,892	95,254	93.7	98.4	91.4	94.1	98.1	102.0	2
A4778	115,892	89,811	93.7	98.4	91.4	94.1	97.7	102.0	2
A10836	115,666	89,811	93.7	98.4	91.3	94.1	97.7	102.0	2
A4775	113,398	95,254	93.7	98.4	90.6	94.0	98.1	102.0	2
A4774	113,398	89,811	93.7	98.4	90.6	94.0	97.7	102.0	2
A4771	108,862	95,254	93.8	98.2	89.1	93.7	98.1	101.8	2
A4770	108,862	89,811	93.8	98.2	89.1	93.7	97.7	101.8	2
A4767	104,326	95,254	93.9	98.0	87.6	93.5	98.1	101.7	2
A4766	104,326	89,811	93.9	98.0	87.6	93.5	97.7	101.7	2
A4763	99,790	95,254	94.0	97.9	86.2	93.2	98.1	101.5	2

¹ See Note 1.

/continued on next page

Page 7 of 76



Page 8 of 76 TCDSN No.: EASA.IM.A.205 Date: 25 March 2022

Issue: 12

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ PW2037

Additional modifications essential to meet the requirements or needed to attain the Performance improvement package (PIP)

certificated noise levels1

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

FASA	Maximum	Maximum Mass		Lateral EPNL		Flyover EPNL		ch EPNL	Soc
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A4762	99,790	89,811	94.0	97.9	86.2	93.2	97.7	101.5	2

¹ See Note 1.



Issue: 12 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ PW2037

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

Performance improvement package (PIP), AFM option code <572.R4.PW2037.PIP (Recertification to Chapter 4)

Page 9 of 76

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment **Edition 6 / Amendment 10** Chapter¹ 4

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Cara
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121468	115,892	95,254	93.5	98.4	91.3	94.1	98.1	102.0	2
A121469	113,398	95,254	93.5	98.4	90.3	94.0	98.1	102.0	2
A121470	108,862	95,254	93.7	98.2	88.7	93.7	98.1	101.8	2
A121471	104,326	89,992	93.8	98.0	87.1	93.5	97.7	101.7	2
A122725	99,790	95,254	93.9	97.9	85.6	93.2	98.1	101.5	2
A121472	99,790	89,992	93.9	97.9	85.6	93.2	97.7	101.5	2
A121473	95,254	89,992	94.1	97.7	84.1	92.9	97.7	101.4	2
A121474	90,718	89,811	94.2	97.5	82.7	92.7	97.7	101.2	2
A121475	84,821	89,811	94.4	97.3	81.0	92.3	97.7	101.0	2

¹ See Note 1.



Issue: 12 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ PW2037

SB 72-509 (1994 liner package (OE fit on engine 727144 and up)) Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

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

FACA	Maximu	ım Mass	Latera	I EPNL	Flyove	er EPNL	Approa	ch EPNL	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A4759	115,892	99,790	92.9	98.4	91.4	94.1	97.3	102.0	-
A4758	115,892	97,522	92.9	98.4	91.4	94.1	96.9	102.0	-
A4755	113,398	95,254	92.9	98.4	90.6	94.0	97.3	102.0	-
A4754	113,398	89,811	92.9	98.4	90.6	94.0	96.9	102.0	-
A4751	108,862	95,254	93.0	98.2	89.1	93.7	97.3	101.8	-
A4750	108,862	89,811	93.0	98.2	89.1	93.7	96.9	101.8	-
A4747	104,326	95,254	93.1	98.0	87.6	93.5	97.3	101.7	-
A4746	104,326	89,811	93.1	98.0	87.6	93.5	96.9	101.7	-
A4742	99,790	95,254	93.2	97.9	86.2	93.2	96.9	101.5	-
A4743	99,790	89,811	93.2	97.9	86.2	93.2	97.3	101.5	-

¹ See Note 1.



TE.CERT.00051-001 © European Union Aviation Safety Agency, 2022. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Page 10 of 76

Issue: 12 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ PW2040

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels¹

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

FACA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A4783	115,892	95,254	94.2	98.4	89.7	94.1	98.1	102.0	-
A6298	107,000	95,254	94.4	98.1	86.9	93.6	98.1	101.8	-
A119017	106,594	89,811	94.4	98.1	86.8	93.6	97.7	101.7	-
A4782	99,790	89,811	94.5	97.9	84.6	93.2	97.7	101.5	-

¹ See Note 1.



TE.CERT.00051-001 © European Union Aviation Safety Agency, 2022. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Page 11 of 76

Type Certificate Holder¹

Issue: 12

Date: 25 March 2022

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ PW2040

Additional modifications essential to meet the requirements or needed to attain the

The Boeing Company

certificated noise levels¹

PW SB 72-633 or REA 97FA021A ("Quiet Fan Case" consisting of Grumman forward fan case, perforated fan containment case panels and treated fan case exit rear panels), AFM option code <572.R4.PW2040.QFC (Recertification to Chapter 4)

757-200

Aircraft Type Designation¹

Page 12 of 76

Noise Certification Basis Edition / Amendment Edition 3 / Amendment 7 ICAO Annex 16, Volume I Chapter¹ 4

FACA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		See	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A121444	115,892	95,254	93.7	98.4	87.9	94.1	97.1	102.0	-	
A121445	113,398	95,254	93.8	98.4	87.2	94.0	97.1	102.0	-	
A121446	108,862	89,992	93.9	98.2	85.8	93.7	96.9	101.8	-	
A121447	104,326	89,811	94.1	98.0	84.5	93.5	96.9	101.7	-	
A121448	99,790	89,811	94.2	97.9	83.1	93.2	96.9	101.5	-	

¹ See Note 1.



Issue: 12

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Pratt & Whitney Engine Type Designation¹ PW2040

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

PW SB 72-633 or REA 97FA021A (Engine intermix; one engine with Performance improvement package (PIP), one engine with "Quiet Fan Case" consisting of Grumman forward fan case, perforated fan containment case panels and treated fan case exit rear panels), AFM option code <572.R4.PW2040.PIP (Recertification to Chapter 4)

Page 13 of 76

Date: 25 March 2022

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 6 / Amendment 10 Chapter¹ 4

EASA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approa	Soo	
Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121661	115,892	95,254	94.3	98.4	89.3	94.1	98.1	102.0	2
A121662	113,398	95,254	94.4	98.4	88.5	94.0	98.1	102.0	2
A121663	108,862	89,992	94.5	98.2	87.1	93.7	97.7	101.8	2
A121664	104,326	89,811	94.6	98.0	85.7	93.5	97.7	101.7	2
A121665	99,790	89,811	94.8	97.9	84.2	93.2	97.7	101.5	2

¹ See Note 1.



Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ PW2040

Additional modifications essential to meet the requirements or needed to attain the Performance improvement package (PIP)

certificated noise levels1

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

FACA	Maximum	Mass	Lateral	EPNL	Flyover	EPNL	Approa	ch EPNL	Coo
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A4777	115,892	95,254	94.2	98.4	89.7	94.1	98.1	102.0	2
A4776	115,892	89,811	94.2	98.4	89.7	94.1	97.7	102.0	2
A17062	115,666	89,811	94.2	98.4	89.7	94.1	97.7	102.0	2
A4773	113,398	95,254	94.2	98.4	88.9	94.0	98.1	102.0	2
A4772	113,398	89,811	94.2	98.4	88.9	94.0	97.7	102.0	2
A4769	108,862	95,254	94.3	98.2	87.5	93.7	98.1	101.8	2
A4768	108,862	89,811	94.3	98.2	87.5	93.7	97.7	101.8	2
A4765	104,326	95,254	94.4	98.0	86.1	93.5	98.1	101.7	2
A4764	104,326	89,811	94.4	98.0	86.1	93.5	97.7	101.7	2
A4761	99,790	95,254	94.5	97.9	84.6	93.2	98.1	101.5	2

¹ See Note 1.

/continued on next page

Page 14 of 76

Issue: 12

Page 15 of 76 Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Pratt & Whitney Engine Type Designation¹ PW2040

Additional modifications essential to meet the requirements or needed to attain the Performance improvement package (PIP)

certificated noise levels1

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

EASA	EASA Maximum M		Lateral	EPNL	Flyover	EPNL	Approach EPNL		Soo
Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A4760	99,790	89,811	94.5	97.9	84.6	93.2	97.7	101.5	2

¹ See Note 1.



Issue: 12 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ PW2040

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

Performance improvement package (PIP), AFM option code <572.R4.PW2040.PIP (Recertification to Chapter 4)

Page 16 of 76

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment **Edition 6 / Amendment 10** Chapter¹ 4

FACA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approa	Soc	
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121518	115,892	95,254	94.3	98.4	89.3	94.1	98.1	102.0	2
A121519	113,398	95,254	94.4	98.4	88.5	94.0	98.1	102.0	2
A121520	108,862	89,992	94.5	98.2	87.1	93.7	97.7	101.8	2
A121521	104,326	89,811	94.6	98.0	85.7	93.5	97.7	101.7	2
A121522	99,790	89,811	94.8	97.9	84.2	93.2	97.7	101.5	2

¹ See Note 1.



Issue: 12 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ PW2040

SB 72-509 (1994 liner package (OE fit on engine 727144 and up)) Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

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

FACA	Maximu	ım Mass	Latera	I EPNL	Flyove	er EPNL	Approa	ch EPNL	C
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A4757	115,892	95,254	93.5	98.4	89.7	94.1	97.3	102.0	-
A4756	115,892	89,811	93.5	98.4	89.7	94.1	96.9	102.0	-
A4753	113,398	95,254	93.6	98.4	88.9	94.0	97.3	102.0	-
A4752	113,398	89,811	93.6	98.4	88.9	94.0	96.9	102.0	-
A4749	108,862	95,254	93.7	98.2	87.5	93.7	97.3	101.8	-
A4748	108,862	89,811	93.7	98.2	87.5	93.7	96.9	101.8	-
A4745	104,326	95,254	93.8	98.0	86.1	93.5	97.3	101.7	-
A4744	104,326	89,811	93.8	98.0	86.1	93.5	96.9	101.7	-
A4741	99,790	95,254	93.9	97.9	84.6	93.2	97.3	101.5	-
A4740	99,790	89,811	93.9	97.9	84.6	93.2	96.9	101.5	-

¹ See Note 1.



TE.CERT.00051-001 © European Union Aviation Safety Agency, 2022. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Page 17 of 76

Issue: 12 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535C-37

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

AFM Code A121860

Page 18 of 76

Edition 5 / Amendment 9 Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 4

EASA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approa	Coo	
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A118979	108,862	95,254	94.1	98.2	88.3	93.7	100.2	101.8	-
A118980	108,862	89,992	94.1	98.2	88.3	93.7	100.2	101.8	-
A118981	99,790	89,992	94.2	97.9	85.6	93.2	100.2	101.5	-

¹ See Note 1.



Issue: 12

: 12 Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535C-37

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 Chapter¹ 3

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Coo
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A4792	108,862	95,254	93.8	98.2	88.1	93.7	97.5	101.8	-
A4791	108,862	89,992	93.8	98.2	88.1	93.7	100.3	101.8	-
A4790	108,862	89,811	93.8	98.2	88.1	93.7	100.3	101.8	-
A4789	104,553	89,811	93.9	98.1	86.9	93.5	100.3	101.7	-
A4788	104,326	95,254	93.9	98.0	86.8	93.5	97.5	101.7	-
A4787	104,326	89,992	93.9	98.0	86.8	93.5	100.3	101.7	-
A4786	100,017	89,992	94.0	97.9	85.5	93.2	100.3	101.5	-
A4785	99,790	95,254	94.0	97.9	85.5	93.2	97.5	101.5	-
A8995	99,790	89,992	94.0	97.9	85.5	93.2	100.3	101.5	-
A4784	99,790	89,811	94.0	97.9	85.5	93.2	100.3	101.5	-

¹ See Note 1.



TE.CERT.00051-001 © European Union Aviation Safety Agency, 2022. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Page 19 of 76

Issue: 12 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535C-37

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ 4

FACA	Maximu	um Mass	Latera	I EPNL	Flyove	er EPNL	Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A18177	108,862	95,254	94.1	98.2	88.3	93.7	100.2	101.8	-
A18176	104,553	95,254	94.1	98.1	87.1	93.5	100.1	101.7	-
A18175	104,326	89,992	94.1	98.0	87.0	93.5	100.1	101.7	-
A18174	100,017	89,992	94.2	97.9	85.7	93.2	100.1	101.5	-
A18173	99,790	89,811	94.2	97.9	85.6	93.2	100.2	101.5	-
A18172	92,986	89,811	94.4	97.6	83.6	92.8	100.1	101.3	-

¹ See Note 1.



TE.CERT.00051-001 © European Union Aviation Safety Agency, 2022. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Page 20 of 76

Issue: 12 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

70 fan outlet guide vanes Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

Edition 5 / Amendment 9 Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 4

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Can
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A18166	115,892	95,254	94.0	98.4	86.6	94.1	95.2	102.0	-
A18165	113,398	95,254	94.0	98.4	86.0	94.0	95.2	102.0	-
A18164	108,862	95,254	94.2	98.2	84.8	93.7	95.2	101.8	-
A18163	104,553	89,811	94.3	98.1	83.7	93.5	95.0	101.7	-
A18162	104,326	89,811	94.3	98.0	83.7	93.5	95.0	101.7	-
A18161	100,017	89,811	94.5	97.9	82.6	93.2	95.0	101.5	-
A122728	99,790	95,254	94.5	97.9	82.5	93.2	95.2	101.5	-
A18160	99,790	89,811	94.5	97.9	82.5	93.2	95.0	101.5	-

¹ See Note 1.



TE.CERT.00051-001 © European Union Aviation Safety Agency, 2022. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Page 21 of 76

Issue: 12 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

Additional modifications essential to meet the requirements or needed to attain the Engine intermix, one engine with 70 fan outlet guide vanes and one

certificated noise levels¹ engine with 48 fan outlet guide vanes

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

FACA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		°00
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A119803	115,666	89,811	93.0	98.4	87.0	94.1	95.0	102.0	-
A119453	111,130	89,811	93.2	98.3	85.7	93.8	95.0	101.9	-
A119428	104,326	89,811	93.3	98.0	83.9	93.5	95.0	101.7	-

¹ See Note 1.



TE.CERT.00051-001 © European Union Aviation Safety Agency, 2022. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Page 22 of 76

Issue: 12

Date: 25 March 2022

Page 23 of 76

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

Engine intermix, one engine with 70 fan outlet guide vanes and one engine with 48 fan outlet guide vanes, STC EASA.IM.A.S.01636

(Installation of APB Winglets)

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

FASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		500
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122272	115,666	89,811	93.0	98.4	87.0	94.1	95.0	102.0	3

¹ See Note 1.



Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels1

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

FACA	Maximum	Mass	Lateral	EPNL	Flyover	EPNL	Approa	ch EPNL	C
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A4813	115,892	95,254	93.0	98.4	86.8	94.1	95.2	102.0	4
A4815	115,892	89,992	93.0	98.4	86.8	94.1	95.0	102.0	4
A4814	115,892	89,811	93.0	98.4	86.8	94.1	95.0	102.0	4
A16711	115,666	90,718	93.0	98.4	86.7	94.1	95.0	102.0	4
A8958	115,666	90,000	93.0	98.4	86.7	94.1	95.0	102.0	4
A10843	115,666	89,111	93.0	98.4	86.7	94.1	95.0	102.0	4
A4810	113,398	95,254	93.0	98.4	86.1	94.0	95.2	102.0	4
A8913	113,398	90,000	93.0	98.4	86.1	94.0	95.0	102.0	4
A4809	113,398	89,811	93.0	98.4	86.1	94.0	95.0	102.0	4
A119452	111,130	89,811	93.1	98.3	85.5	93.8	95.0	101.9	4

¹ See Note 1. /continued on next page



TE.CERT.00051-001 © European Union Aviation Safety Agency, 2022. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Page 24 of 76

Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels1

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

E464	Maximum	Mass	Lateral	EPNL	Flyover	EPNL	Approa	ch EPNL	Coo
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A4806	108,862	95,254	93.1	98.2	84.8	93.7	95.2	101.8	4
A4805	108,862	89,992	93.1	98.2	84.8	93.7	95.0	101.8	4
A4804	108,862	89,811	93.1	98.2	84.8	93.7	95.0	101.8	4
A121203	107,999	95,254	93.1	98.2	84.6	93.7	95.2	101.8	4
A121204	107,999	89,811	93.1	98.2	84.6	93.7	95.0	101.8	4
A9026	106,000	89,811	93.2	98.1	84.0	93.6	95.0	101.7	4
A4803	104,553	89,811	93.2	98.1	83.6	93.5	95.0	101.7	4
A4800	104,326	95,254	93.2	98.0	83.5	93.5	95.2	101.7	4
A4799	104,326	89,992	93.2	98.0	83.5	93.5	95.0	101.7	4
A8962	104,326	89,811	93.2	98.0	83.5	93.5	95.0	101.7	4

¹ See Note 1.

/continued on next page

Page 25 of 76

Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels1

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

FACA	Maximum	Mass	Lateral	EPNL	Flyover	EPNL	Approa	ch EPNL	Co.
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121205	103,999	95,254	93.2	98.0	83.4	93.5	95.2	101.7	4
A121206	103,999	89,811	93.2	98.0	83.4	93.5	95.0	101.7	4
A9002	102,058	89,811	93.3	98.0	82.9	93.3	95.0	101.6	4
A4798	100,017	89,992	93.3	97.9	82.3	93.2	95.0	101.5	4
A4795	99,790	95,254	93.3	97.9	82.2	93.2	95.2	101.5	4
A4794	99,790	89,992	93.3	97.9	82.2	93.2	95.0	101.5	4
A4793	99,790	89,811	93.3	97.9	82.2	93.2	95.0	101.5	4

¹ See Note 1.



TE.CERT.00051-001 © European Union Aviation Safety Agency, 2022. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Page 26 of 76

Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

Additional modifications essential to meet the requirements or needed to attain the RR Mod. 72-91878 or SB 72-9188 (48 fan outlet guide vanes)

certificated noise levels1

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

FACA	Maximum	Mass	Lateral	EPNL	Flyover	EPNL	Approa	ch EPNL	Soc
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A4817	115,892	95,254	93.0	98.4	87.3	94.1	95.2	102.0	-
A4816	115,892	89,811	93.0	98.4	87.3	94.1	95.0	102.0	-
A15456	115,666	95,254	93.0	98.4	87.2	94.1	95.2	102.0	-
A10115	115,666	89,811	93.0	98.4	87.2	94.1	95.0	102.0	-
A4812	113,398	95,254	93.1	98.4	86.6	94.0	95.2	102.0	-
A4811	113,398	89,811	93.1	98.4	86.6	94.0	95.0	102.0	-
A15899	111,130	89,811	93.2	98.3	85.9	93.8	95.0	101.9	-
A4808	108,862	95,254	93.2	98.2	85.2	93.7	95.2	101.8	-
A4807	108,862	89,811	93.2	98.2	85.2	93.7	95.0	101.8	-
A5782	106,594	89,811	93.3	98.1	84.7	93.6	95.0	101.7	-

¹ See Note 1.

TE.CERT.00051-001 © European Union Aviation Safety Agency, 2022. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Page 27 of 76

Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

RR Mod. 72-91878 or SB 72-9188 (48 fan outlet guide vanes) Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels1

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

EASA	Maximum Mass		Lateral EPNL		Flyover	EPNL	Approach EPNL		See	
Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A4802	104,326	95,254	93.3	98.0	84.2	93.5	95.2	101.7	-	
A4801	104,326	89,811	93.3	98.0	84.2	93.5	95.0	101.7	-	
A8928	102,058	89,811	93.4	98.0	83.6	93.3	95.0	101.6	-	
A8954	100,000	90,000	93.4	97.9	83.0	93.2	95.0	101.5	-	
A4797	99,790	95,254	93.4	97.9	82.9	93.2	95.2	101.5	-	
A4796	99,790	89,811	93.4	97.9	82.9	93.2	95.0	101.5	-	

¹ See Note 1.



Page 28 of 76

Issue: 12 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

RR Mod. 72-91878 or SB 72-9188 (48 fan outlet guide vanes), AFM option code <572.R4.RB211-535E4.48FOGV (Recertification to Chapter 4)

Page 29 of 76

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment **Edition 6 / Amendment 10** Chapter¹ 4

FACA	Maximu	ım Mass	Latera	I EPNL	Flyove	r EPNL	Approa	ch EPNL	Coo
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121381	115,892	95,254	94.0	98.4	87.0	94.1	94.9	102.0	-
A121382	113,398	95,254	94.1	98.4	86.4	94.0	94.9	102.0	-
A121383	108,862	95,254	94.2	98.2	85.3	93.7	94.9	101.8	-
A121384	104,553	89,811	94.3	98.1	84.1	93.5	94.7	101.7	-
A121385	104,326	89,811	94.3	98.0	84.1	93.5	94.7	101.7	-
A121386	100,017	89,811	94.4	97.9	83.0	93.2	94.7	101.5	-
A122727	99,790	95,254	94.4	97.9	82.9	93.2	94.9	101.5	-
A121387	99,790	89,811	94.4	97.9	82.9	93.2	94.7	101.5	-

¹ See Note 1.



Date: 25 March 2022 Issue: 12

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

RR Mod. 72-91878 or SB 72-9188 (Engine intermix: one engine with 70 fan outlet guide vanes, one engine with 48 fan outlet guide vanes), AFM option code <572.R4.RB211-535E4.70FOGV.48FOGV (Recertification to Chapter 4)

Page 30 of 76

Noise Certification Basis Edition / Amendment Edition 6 / Amendment 10 ICAO Annex 16, Volume I Chapter¹ 4

5464	Maximu	ım Mass	Latera	I EPNL	Flyove	er EPNL	Approach EPNL		See	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A122168	115,892	95,254	94.0	98.4	87.0	94.1	95.2	102.0	-	
A122169	113,398	95,254	94.1	98.4	86.4	94.0	95.2	102.0	-	
A122170	108,862	95,254	94.2	98.2	85.3	93.7	95.2	101.8	-	
A122171	104,553	89,811	94.3	98.1	84.1	93.5	95.0	101.7	-	
A122172	104,326	89,811	94.3	98.0	84.1	93.5	95.0	101.7	-	
A122173	100,017	89,811	94.5	97.9	83.0	93.2	95.0	101.5	-	
A122730	99,790	95,254	94.5	97.9	82.9	93.2	95.2	101.5	-	
A122174	99,790	89,811	94.5	97.9	82.9	93.2	95.0	101.5	-	

¹ See Note 1.



Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ Aircraft Type Designation¹ The Boeing Company 757-200

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

RR Mod. 72-91878 or SB 72-9188 (Engine intermix: one engine with 70 fan outlet guide vanes, one engine with 48 fan outlet guide vanes), AFM option code <572.R4.RB211-535E4.70FOGV.48FOGV.W and STC EASA.IM.A.S.01636 (Recertification to Chapter 4, **Installation of APB Winglets)**

Page 31 of 76

Edition / Amendment Edition 6 / Amendment 10 **Noise Certification Basis** ICAO Annex 16, Volume I Chapter¹ 4

FACA	Maximu	ım Mass	Latera	Lateral EPNL		er EPNL	Approach EPNL		See	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A122194	115,892	95,254	94.0	98.4	86.1	94.1	95.1	102.0	-	
A122195	113,398	95,254	94.1	98.4	85.5	94.0	95.1	102.0	-	
A122196	108,862	95,254	94.2	98.2	84.2	93.7	95.1	101.8	-	
A122197	104,553	89,811	94.3	98.1	83.0	93.5	94.9	101.7	-	
A122198	104,326	89,811	94.3	98.0	82.9	93.5	94.9	101.7	-	
A122199	100,017	89,811	94.5	97.9	81.8	93.2	94.9	101.5	-	
A122200	99,790	89,811	94.5	97.9	81.7	93.2	94.9	101.5	-	
A122735	99,790	95,254	94.5	97.9	81.7	93.2	95.1	101.5	-	

¹ See Note 1.



Issue: 12 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4B-37

70 fan outlet guide vanes Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

Edition 5 / Amendment 9 Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 4

FACA	Maximum Mass		Latera	Lateral EPNL		Flyover EPNL		Approach EPNL	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A18171	115,892	95,254	95.5	98.4	85.5	94.1	95.2	102.0	-
A18170	113,398	89,811	95.6	98.4	84.9	94.0	95.0	102.0	-
A18169	108,862	89,811	95.7	98.2	83.9	93.7	95.0	101.8	-
A18168	104,326	89,811	95.8	98.0	82.8	93.5	95.0	101.7	-
A18167	99,790	89,811	96.0	97.9	81.8	93.2	95.0	101.5	-

¹ See Note 1.



TE.CERT.00051-001 © European Union Aviation Safety Agency, 2022. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Page 32 of 76

Issue: 12

Page 33 of 76 Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4B-37

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

certificated noise levels1

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

FACA	Maximum	Mass	Lateral	EPNL	Flyover	EPNL	Approa	ch EPNL	Coo
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A4847	115,892	95,254	93.8	98.4	86.1	94.1	95.2	102.0	5
A4844	115,892	95,254	94.1	98.4	85.7	94.1	95.2	102.0	6
A4846	115,892	89,811	93.8	98.4	86.1	94.1	95.0	102.0	5
A4845	115,892	89,811	94.1	98.4	85.7	94.1	95.0	102.0	6
A4842	113,398	95,254	93.9	98.4	85.4	94.0	95.2	102.0	5
A4838	113,398	95,254	94.1	98.4	85.1	94.0	95.2	102.0	6
A4840	113,398	89,811	93.9	98.4	85.4	94.0	95.0	102.0	5
A4837	113,398	89,811	94.1	98.4	85.1	94.0	95.0	102.0	6
A4834	108,862	95,254	93.9	98.2	84.2	93.7	95.2	101.8	5
A4832	108,862	95,254	94.2	98.2	83.9	93.7	95.2	101.8	6

¹ See Note 1.

* * * *

* * *

An Agency of the European Union

/continued on next page

Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4B-37

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels1

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

FACA	Maximum	Mass	Lateral	EPNL	Flyover	EPNL	Approa	ch EPNL	Co.
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A4833	108,862	89,811	93.9	98.2	84.2	93.7	95.0	101.8	5
A4831	108,862	89,811	94.2	98.2	83.9	93.7	95.0	101.8	6
A4828	104,326	95,254	94.1	98.0	82.9	93.5	95.2	101.7	5
A4826	104,326	95,254	94.3	98.0	82.6	93.5	95.2	101.7	6
A4827	104,326	89,811	94.1	98.0	82.9	93.5	95.0	101.7	5
A4825	104,326	89,811	94.3	98.0	82.6	93.5	95.0	101.7	6
A4822	99,790	95,254	94.2	97.9	81.6	93.2	95.2	101.5	5
A4820	99,790	95,254	94.4	97.9	81.3	93.2	95.2	101.5	6
A4821	99,790	89,811	94.2	97.9	81.6	93.2	95.0	101.5	5
A4819	99,790	89,811	94.4	97.9	81.3	93.2	95.0	101.5	6

¹ See Note 1.



TE.CERT.00051-001 © European Union Aviation Safety Agency, 2022. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Page 34 of 76

Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4B-37

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

RR Mod. 72-91878 or SB 72-9188 (48 fan outlet guide vanes)

Page 35 of 76

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Coo
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A4849	115,892	95,254	93.8	98.4	86.2	94.1	95.2	102.0	-
A4848	115,892	89,811	93.8	98.4	86.2	94.1	95.0	102.0	-
A4841	113,398	95,254	93.9	98.4	85.4	94.0	95.2	102.0	-
A4839	113,398	89,811	93.9	98.4	85.4	94.0	95.0	102.0	-
A4836	108,862	95,254	94.0	98.2	84.3	93.7	95.2	101.8	-
A4835	108,862	89,811	94.0	98.2	84.3	93.7	95.0	101.8	-
A4830	104,326	95,254	94.1	98.0	83.2	93.5	95.2	101.7	-
A4829	104,326	89,811	94.1	98.0	83.2	93.5	95.0	101.7	-
A4824	99,790	95,254	94.2	97.9	82.1	93.2	95.2	101.5	-
A4823	99,790	89,811	94.2	97.9	82.1	93.2	95.0	101.5	-

¹ See Note 1.



Issue: 12

Page 36 of 76 Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4B-37

 $\label{lem:continuous} \textbf{Additional modifications essential to meet the requirements or needed to attain the}$

certificated noise levels¹

RR Mod. 72-91878 or SB 72-9188 (48 fan outlet guide vanes), AFM option code <572.R4.RB211-535E4.48FOGV (Recertification to Chapter 4)

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 6 / Amendment 10 Chapter¹ 4

FACA	Maximum Mass		Latera	Lateral EPNL		Flyover EPNL		Approach EPNL		
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A121395	115,892	95,254	95.2	98.4	86.0	94.1	94.9	102.0	-	
A121396	113,398	95,254	95.3	98.4	85.4	94.0	94.9	102.0	-	
A121397	108,862	95,254	95.4	98.2	84.3	93.7	94.9	101.8	-	
A121398	104,326	89,811	95.6	98.0	83.2	93.5	94.7	101.7	-	
A121399	99,790	89,811	95.7	97.9	82.1	93.2	94.7	101.5	-	

¹ See Note 1.



Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4B-37

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

RR Mod. 72-91878 or SB 72-9188 (Engine intermix: one engine with 70 fan outlet guide vanes, one engine with 48 fan outlet guide vanes), AFM option code <572.R4.RB211-535E4B.70FOGV.48FOGV (Recertification to Chapter 4)

Page 37 of 76

Noise Certification Basis Edition / Amendment Edition 6 / Amendment 10 ICAO Annex 16, Volume I Chapter¹ 4

FACA	Maximu	ım Mass	Latera	Lateral EPNL		r EPNL	Approach EPNL		Soc
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122182	115,892	95,254	95.5	98.4	86.0	94.1	95.2	102.0	-
A122183	113,398	95,254	95.6	98.4	85.4	94.0	95.2	102.0	-
A122184	108,862	95,254	95.7	98.2	84.3	93.7	95.2	101.8	-
A122186	104,326	89,811	95.8	98.0	83.2	93.5	95.0	101.7	-
A122188	99,790	89,811	96.0	97.9	82.1	93.2	95.0	101.5	-

¹ See Note 1.



Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ Aircraft Type Designation¹ The Boeing Company 757-200

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4B-37

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

RR Mod. 72-91878 or SB 72-9188 (Engine intermix: one engine with 70 fan outlet guide vanes, one engine with 48 fan outlet guide vanes), AFM option code <572.R4.RB211-535E4B.70FOGV.48FOGV.W and STC EASA.IM.A.S.01636 (Recertification to Chapter 4, Installation of APB Winglets)

Page 38 of 76

Edition / Amendment Edition 6 / Amendment 10 **Noise Certification Basis** ICAO Annex 16, Volume I Chapter¹ 4

EASA	Maximu	ım Mass	Latera	I EPNL	Flyove	er EPNL	Approa	ch EPNL	Soc
Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122208	115,892	95,254	95.5	98.4	85.0	94.1	95.1	102.0	-
A122209	113,398	95,254	95.6	98.4	84.4	94.0	95.1	102.0	-
A122210	108,862	95,254	95.7	98.2	83.3	93.7	95.1	101.8	-
A122212	104,326	89,811	95.8	98.0	82.2	93.5	94.9	101.7	-
A122214	99,790	89,811	96.0	97.9	81.1	93.2	94.9	101.5	-

¹ See Note 1.



Issue: 12

Page 39 of 76 Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200PF

Engine Manufacturer¹ Pratt & Whitney Engine Type Designation¹ PW2037

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

certificated noise levels¹

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A17264	115,892	95,254	93.7	98.4	91.4	94.1	98.1	102.0	-

¹ See Note 1.



Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200PF

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ PW2037

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

PW SB 72-633 or REA 97FA021A ("Quiet Fan Case" consisting of Grumman forward fan case, perforated fan containment case panels and treated fan case exit rear panels), AFM option code <572.R4.PW2037.QFC (Recertification to Chapter 4)

Page 40 of 76

Noise Certification Basis Edition / Amendment Edition 6 / Amendment 10 ICAO Annex 16, Volume I Chapter¹ 4

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Coo
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121436	115,892	95,254	92.3	98.4	89.6	94.1	97.1	102.0	-
A121437	113,398	95,254	92.4	98.4	88.8	94.0	97.1	102.0	-
A121438	108,862	95,254	92.5	98.2	87.3	93.7	97.1	101.8	-
A121439	104,326	89,992	92.7	98.0	85.9	93.5	96.9	101.7	-
A121440	99,790	89,992	92.8	97.9	84.5	93.2	96.9	101.5	-
A121441	95,254	89,992	93.0	97.7	83.0	92.9	96.9	101.4	-
A121442	90,718	89,811	93.2	97.5	81.7	92.7	96.9	101.2	-
A121443	84,821	89,811	93.4	97.3	80.0	92.3	96.9	101.0	-

¹ See Note 1.



Issue: 12

Type Certificate Holder¹ Aircraft Type Designation¹ The Boeing Company 757-200PF

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ PW2037

Additional modifications essential to meet the requirements or needed to attain the

PW SB 72-633 or REA 97FA021A (Engine intermix; one engine with certificated noise levels¹ Performance improvement package (PIP), one engine with "Quiet Fan Case" consisting of Grumman forward fan case, perforated fan containment case panels and treated fan case exit rear panels), AFM option code <572.R4.PW2037.PIP (Recertification to Chapter 4)

Edition 6 / Amendment 10 **Noise Certification Basis** ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 4

EASA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Coo
Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121645	115,892	95,254	93.5	98.4	91.3	94.1	98.1	102.0	2
A121646	113,398	95,254	93.5	98.4	90.3	94.0	98.1	102.0	2
A121647	108,862	95,254	93.7	98.2	88.7	93.7	98.1	101.8	2
A121648	104,326	89,992	93.8	98.0	87.1	93.5	97.7	101.7	2
A121649	99,790	89,992	93.9	97.9	85.6	93.2	97.7	101.5	2
A121650	95,254	89,992	94.1	97.7	84.1	92.9	97.7	101.4	2
A121651	90,718	89,811	94.2	97.5	82.7	92.7	97.7	101.2	2
A121652	84,821	89,811	94.4	97.3	81.0	92.3	97.7	101.0	2

¹ See Note 1.



TE.CERT.00051-001 © European Union Aviation Safety Agency, 2022. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Page 41 of 76

Date: 25 March 2022

Issue: 12

Page 42 of 76 Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200PF

Engine Manufacturer¹ Pratt & Whitney Engine Type Designation¹ PW2037

Additional modifications essential to meet the requirements or needed to attain the Performance improvement package (PIP)

certificated noise levels¹

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

FACA	Maximu	ım Mass	Latera	I EPNL	Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A17269	115,892	95,254	93.7	98.4	91.4	94.1	98.1	102.0	2

¹ See Note 1.



Issue: 12 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200PF

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ PW2037

Performance improvement package (PIP), AFM option code Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹ <572.R4.PW2037.PIP (Recertification to Chapter 4)

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment **Edition 6 / Amendment 10** Chapter¹ 4

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	C
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121510	115,892	95,254	93.5	98.4	91.3	94.1	98.1	102.0	2
A121511	113,398	95,254	93.5	98.4	90.3	94.0	98.1	102.0	2
A121512	108,862	95,254	93.7	98.2	88.7	93.7	98.1	101.8	2
A121513	104,326	89,992	93.8	98.0	87.1	93.5	97.7	101.7	2
A121514	99,790	89,992	93.9	97.9	85.6	93.2	97.7	101.5	2
A121515	95,254	89,992	94.1	97.7	84.1	92.9	97.7	101.4	2
A121516	90,718	89,811	94.2	97.5	82.7	92.7	97.7	101.2	2
A121517	84,821	89,811	94.4	97.3	81.0	92.3	97.7	101.0	2

¹ See Note 1.



TE.CERT.00051-001 © European Union Aviation Safety Agency, 2022. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Page 43 of 76

Type Certificate Holder¹

Issue: 12

Page 44 of 76 Date: 25 March 2022

The Boeing Company Aircraft Type Designation 757-200PF

Engine Manufacturer¹ Pratt & Whitney Engine Type Designation¹ PW2040

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

certificated noise levels¹

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

FACA	Maximum Mass		Lateral EPNL		Flyove	r EPNL	Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A17265	115,892	95,254	94.2	98.4	89.7	94.1	98.1	102.0	-

¹ See Note 1.



Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200PF

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ PW2040

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

PW SB 72-633 or REA 97FA021A ("Quiet Fan Case" consisting of Grumman forward fan case, perforated fan containment case panels and treated fan case exit rear panels), AFM option code <572.R4.PW2040.QFC (Recertification to Chapter 4)

Page 45 of 76

Noise Certification Basis Edition / Amendment Edition 3 / Amendment 7 ICAO Annex 16, Volume I Chapter¹ 4

FASA	Maximu	ım Mass	Latera	Lateral EPNL		Flyover EPNL		Approach EPNL	
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121449	115,892	95,254	93.7	98.4	87.9	94.1	97.1	102.0	-
A121450	113,398	95,254	93.8	98.4	87.2	94.0	97.1	102.0	-
A121451	108,862	89,992	93.9	98.2	85.8	93.7	96.9	101.8	-
A121452	104,326	89,811	94.1	98.0	84.5	93.5	96.9	101.7	-
A121453	99,790	89,811	94.2	97.9	83.1	93.2	96.9	101.5	-

¹ See Note 1.



Issue: 12

Type Certificate Holder¹ Aircraft Type Designation¹ The Boeing Company 757-200PF

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ PW2040

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

PW SB 72-633 or REA 97FA021A (Engine intermix; one engine with Performance improvement package (PIP), one engine with "Quiet Fan Case" consisting of Grumman forward fan case, perforated fan containment case panels and treated fan case exit rear panels), AFM option code <572.R4.PW2040.PIP (Recertification to Chapter 4)

Page 46 of 76

Date: 25 March 2022

Edition 6 / Amendment 10 **Noise Certification Basis** ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 4

EASA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		Soo
Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121666	115,892	95,254	94.3	98.4	89.3	94.1	98.1	102.0	2
A121667	113,398	95,254	94.4	98.4	88.5	94.0	98.1	102.0	2
A121668	108,862	89,992	94.5	98.2	87.1	93.7	97.7	101.8	2
A121669	104,326	89,811	94.6	98.0	85.7	93.5	97.7	101.7	2
A121670	99,790	89,811	94.8	97.9	84.2	93.2	97.7	101.5	2

¹ See Note 1.



Type Certificate Holder¹

Issue: 12

Page 47 of 76 Date: 25 March 2022

The Boeing Company Aircraft Type Designation 757-200PF

Engine Manufacturer¹ Pratt & Whitney Engine Type Designation¹ PW2040

Additional modifications essential to meet the requirements or needed to attain the Performance improvement package (PIP)

certificated noise levels¹

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

FACA	Maximu	ım Mass	Latera	I EPNL	Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A17270	115,892	95,254	94.2	98.4	89.7	94.1	98.1	102.0	2

¹ See Note 1.



Noise Certification Basis

Issue: 12 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200PF

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ PW2040

ICAO Annex 16, Volume I

Additional modifications essential to meet the requirements or needed to attain the Performance improvement package (PIP), AFM option code

Edition / Amendment

certificated noise levels¹ <572.R4.PW2040.PIP (Recertification to Chapter 4)

FACA	Maximi	um Mass	Latera	al EPNL	Flyove	er EPNL	Approach EPNL		Coo
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121523	115,892	95,254	94.3	98.4	89.3	94.1	98.1	102.0	2
A121524	113,398	95,254	94.4	98.4	88.5	94.0	98.1	102.0	2
A121525	108,862	89,992	94.5	98.2	87.1	93.7	97.7	101.8	2
A121526	104,326	89,811	94.6	98.0	85.7	93.5	97.7	101.7	2
A121527	99,790	89,811	94.8	97.9	84.2	93.2	97.7	101.5	2

Edition 6 / Amendment 10

Chapter¹

4

¹ See Note 1.



TE.CERT.00051-001 © European Union Aviation Safety Agency, 2022. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Page 48 of 76

Issue: 12

Page 49 of 76 Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200PF

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

Additional modifications essential to meet the requirements or needed to attain the 70 fan outlet guide vanes, AFM Code A94E4

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 5 / Amendment 9 Chapter¹ 4

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soo
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A118982	115,892	95,254	94.0	98.4	86.6	94.1	95.2	102.0	-

¹ See Note 1.



Page 50 of 76 Issue: 12 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200PF

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

Additional modifications essential to meet the requirements or needed to attain the 70 fan outlet guide vanes, STC EASA.IM.A.S.01636 (Installation of **APB Winglets)**

certificated noise levels¹

Edition 5 / Amendment 9 Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 4

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Car
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122013	99,790	95,254	94.5	97.9	81.6	93.2	95.1	101.5	-

¹ See Note 1.



Issue: 12

Page 51 of 76 Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200PF

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

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 Chapter¹ 3

FASA	Maximu	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A17266	115,892	95,254	93.0	98.4	86.8	94.1	95.2	102.0	-

¹ See Note 1.



Issue: 12

Page 52 of 76 Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200PF

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

Additional modifications essential to meet the requirements or needed to attain the RR Mod. 72-91878 or SB 72-9188 (48 fan outlet guide vanes)

certificated noise levels¹

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

FACA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		Co.	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A17271	115,892	95,254	93.0	98.4	87.3	94.1	95.2	102.0	-	
A122424	113,398	95,254	93.1	98.4	86.6	94.0	95.2	102.0	-	

¹ See Note 1.



Issue: 12

Date: 25 March 2022

Page 53 of 76

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200PF

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels1

RR Mod. 72-91878 or SB 72-9188 (48 fan outlet guide vanes), AFM option code <572.R4.RB211-535E4.48FOGV (Recertification to

Chapter 4)

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 6 / Amendment 10 Chapter¹ 4

Flyover EPNL Maximum Mass Lateral EPNL Approach EPNL EASA See Take-off¹ Landing¹ Record No. Note Level¹ Limit Level1 Limit Level¹ Limit (kg) (kg) A121388 115,892 95,254 94.0 98.4 87.0 94.1 94.9 102.0 A121389 113,398 95,254 94.1 98.4 86.4 94.0 94.9 102.0 A121390 108,862 95,254 94.2 98.2 85.3 93.7 94.9 101.8 A121391 104,553 89,811 94.3 98.1 84.1 93.5 94.7 101.7 A121392 104,326 89,811 94.3 98.0 84.1 93.5 94.7 101.7 A121393 100,017 89,811 94.4 97.9 83.0 93.2 94.7 101.5 A121394 99,790 89,811 94.4 97.9 82.9 93.2 94.7 101.5

¹ See Note 1.



Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200PF

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

RR Mod. 72-91878 or SB 72-9188 (Engine intermix: one engine with 70 fan outlet guide vanes, one engine with 48 fan outlet guide vanes), AFM option code <572.R4.RB211-535E4.70FOGV.48FOGV (Recertification to Chapter 4)

Page 54 of 76

Noise Certification Basis Edition / Amendment Edition 6 / Amendment 10 ICAO Annex 16, Volume I Chapter¹ 4

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	er EPNL	Approa	ch EPNL	Can
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122175	115,892	95,254	94.0	98.4	87.0	94.1	95.2	102.0	-
A122176	113,398	95,254	94.1	98.4	86.4	94.0	95.2	102.0	-
A122177	108,862	95,254	94.2	98.2	85.3	93.7	95.2	101.8	-
A122178	104,553	89,811	94.3	98.1	84.1	93.5	95.0	101.7	-
A122179	104,326	89,811	94.3	98.0	84.1	93.5	95.0	101.7	-
A122180	100,017	89,811	94.5	97.9	83.0	93.2	95.0	101.5	-
A122181	99,790	89,811	94.5	97.9	82.9	93.2	95.0	101.5	-

¹ See Note 1.



Issue: 12

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200PF

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

 $\label{lem:continuous} \textbf{Additional modifications essential to meet the requirements or needed to attain the}$

certificated noise levels¹

RR Mod. 72-91878 or SB 72-9188 (Engine intermix: one engine with 70 fan outlet guide vanes, one engine with 48 fan outlet guide vanes), AFM option code <572.R4.RB211-535E4.70FOGV.48FOGV.W and STC EASA.IM.A.S.01636 (Recertification to Chapter 4, Installation of APB Winglets)

Page 55 of 76

Date: 25 March 2022

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 6 / Amendment 10 Chapter¹ 4

EASA	Maximu	ım Mass	Latera	I EPNL	Flyove	er EPNL	Approach EPNL		See	
Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A122201	115,892	95,254	94.0	98.4	86.1	94.1	95.1	102.0	-	
A122202	113,398	95,254	94.1	98.4	85.5	94.0	95.1	102.0	-	
A122203	108,862	95,254	94.2	98.2	84.2	93.7	95.1	101.8	-	
A122204	104,553	89,811	94.3	98.1	83.0	93.5	94.9	101.7	-	
A122205	104,326	89,811	94.3	98.0	82.9	93.5	94.9	101.7	-	
A122206	100,017	89,811	94.5	97.9	81.8	93.2	94.9	101.5	-	
A122207	99,790	89,811	94.5	97.9	81.7	93.2	94.9	101.5	-	

¹ See Note 1.



Page 56 of 76 Issue: 12 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200PF

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4B-37

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels¹

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

FACA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		200
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A17268	115,892	95,254	93.8	98.4	86.1	94.1	95.2	102.0	5
A17267	115,892	95,254	94.1	98.4	85.7	94.1	95.2	102.0	6

¹ See Note 1.



Issue: 12

Page 57 of 76 Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-200PF

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4B-37

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ RR Mod. 72-91878 or SB 72-9188 (48 fan outlet guide vanes)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soc
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A17272	115,892	95,254	93.8	98.4	86.2	94.1	95.2	102.0	-

¹ See Note 1.



Issue: 12 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200PF

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4B-37

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

RR Mod. 72-91878 or SB 72-9188 (48 fan outlet guide vanes), AFM option code <572.R4.RB211-535E4.48FOGV (Recertification to Chapter 4)

Page 58 of 76

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 6 / Amendment 10 Chapter¹ 4

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	er EPNL	Approach EPNL		Soo
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121400	115,892	95,254	95.2	98.4	86.0	94.1	94.9	102.0	-
A121401	113,398	95,254	95.3	98.4	85.4	94.0	94.9	102.0	-
A121402	108,862	95,254	95.4	98.2	84.3	93.7	94.9	101.8	-
A121403	104,326	89,811	95.6	98.0	83.2	93.5	94.7	101.7	-
A121404	99,790	89,811	95.7	97.9	82.1	93.2	94.7	101.5	-

¹ See Note 1.



Date: 25 March 2022 Issue: 12

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200PF

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4B-37

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

RR Mod. 72-91878 or SB 72-9188 (Engine intermix: one engine with 70 fan outlet guide vanes, one engine with 48 fan outlet guide vanes), AFM option code <572.R4.RB211-535E4B.70FOGV.48FOGV (Recertification to Chapter 4)

Page 59 of 76

Noise Certification Basis Edition / Amendment Edition 6 / Amendment 10 ICAO Annex 16, Volume I Chapter¹ 4

FACA	Maximu	ım Mass	Latera	I EPNL	Flyove	r EPNL	Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122189	115,892	95,254	95.5	98.4	86.0	94.1	95.2	102.0	-
A122190	113,398	95,254	95.6	98.4	85.4	94.0	95.2	102.0	-
A122191	108,862	95,254	95.7	98.2	84.3	93.7	95.2	101.8	-
A122192	104,326	89,811	95.8	98.0	83.2	93.5	95.0	101.7	-
A122193	99,790	89,811	96.0	97.9	82.1	93.2	95.0	101.5	-

¹ See Note 1.



Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-200PF

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4B-37

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

RR Mod. 72-91878 or SB 72-9188 (Engine intermix: one engine with 70 fan outlet guide vanes, one engine with 48 fan outlet guide vanes), AFM option code <572.R4.RB211-535E4B.70FOGV.48FOGV.W and STC EASA.IM.A.S.01636 (Recertification to Chapter 4, Installation of APB Winglets)

Page 60 of 76

Edition 6 / Amendment 10 **Noise Certification Basis** ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 4

EASA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		See
Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A122215	115,892	95,254	95.5	98.4	85.0	94.1	95.1	102.0	-
A122216	113,398	95,254	95.6	98.4	84.4	94.0	95.1	102.0	-
A122217	108,862	95,254	95.7	98.2	83.3	93.7	95.1	101.8	-
A122218	104,326	89,811	95.8	98.0	82.2	93.5	94.9	101.7	-
A122219	99,790	89,811	96.0	97.9	81.1	93.2	94.9	101.5	-

¹ See Note 1.



Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-300

Engine Manufacturer¹ Pratt & Whitney Engine Type Designation¹ PW2037

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

PW SB 72-633 or REA 97FA021A ("Quiet Fan Case" consisting of Grumman forward fan case, perforated fan containment case panels and treated fan case exit rear panels)

Page 61 of 76

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A17261	124,057	101,604	91.9	98.7	93.1	94.5	97.8	102.3	-
A3153	123,603	101,604	91.9	98.7	92.9	94.5	97.8	102.2	-
A3152	117,934	99,790	92.1	98.5	90.7	94.2	97.7	102.1	-
A3151	113,851	97,522	92.2	98.4	89.2	94.0	97.6	102.0	-
A3150	108,862	95,254	92.3	98.2	87.3	93.7	97.5	101.8	-
A3149	107,047	95,254	92.4	98.1	86.7	93.6	97.5	101.8	-

¹ See Note 1.



Issue: 12 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-300

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ PW2040

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

PW SB 72-633 or REA 97FA021A ("Quiet Fan Case" consisting of Grumman forward fan case, perforated fan containment case panels and treated fan case exit rear panels)

Page 62 of 76

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

FACA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		See	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A3160	124,737	101,604	93.2	98.7	91.0	94.5	97.8	102.3	-	
A17262	124,057	101,604	93.2	98.7	90.8	94.5	97.8	102.3	-	
A3159	123,603	101,604	93.2	98.7	90.6	94.5	97.8	102.2	-	
A3158	117,934	99,790	93.4	98.5	88.8	94.2	97.7	102.1	-	
A3157	113,851	97,522	93.5	98.4	87.5	94.0	97.6	102.0	-	
A3156	108,862	95,254	93.7	98.2	85.9	93.7	97.5	101.8	-	
A3155	107,047	95,254	93.7	98.1	85.3	93.6	97.5	101.8	-	

¹ See Note 1.



Date: 25 March 2022 Issue: 12

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-300

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ PW2043

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

PW SB 72-633 or REA 97FA021A ("Quiet Fan Case" consisting of Grumman forward fan case, perforated fan containment case panels and treated fan case exit rear panels)

Page 63 of 76

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

FACA	Maximu	ım Mass	Latera	Lateral EPNL		r EPNL	Approach EPNL		See	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A3166	124,737	101,604	94.3	98.7	89.7	94.5	97.8	102.3	-	
A17263	124,057	101,604	94.3	98.7	89.5	94.5	97.8	102.3	-	
A3165	123,603	101,604	94.3	98.7	89.4	94.5	97.8	102.2	-	
A3164	117,934	99,790	94.5	98.5	87.7	94.2	97.7	102.1	-	
A3163	113,851	97,522	94.7	98.4	86.4	94.0	97.6	102.0	-	
A3162	108,862	95,254	94.8	98.2	84.9	93.7	97.5	101.8	-	
A3161	107,047	95,254	94.9	98.1	84.4	93.6	97.5	101.8	-	

¹ See Note 1.



Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-300

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

70 fan outlet guide vanes

Page 64 of 76

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

FACA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A17256	124,057	101,604	93.4	98.7	89.2	94.5	95.7	102.3	-
A1270	122,469	101,604	93.4	98.6	88.7	94.4	95.7	102.2	-
A1271	117,934	99,790	93.5	98.5	87.6	94.2	95.7	102.1	-
A1272	113,851	97,522	93.6	98.4	86.0	94.0	95.5	102.0	-
A4860	108,862	95,254	93.8	98.2	84.8	93.7	95.4	101.8	-
A1269	107,047	95,254	93.8	98.1	84.5	93.6	95.4	101.8	-

¹ See Note 1.



Issue: 12 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-300

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

RR Mod. 72-91878 or SB 72-9188 (48 fan outlet guide vanes) Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

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

FACA	Maximu	ım Mass	Latera	I EPNL	Flyove	er EPNL	Approach EPNL		Can
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A17258	124,057	101,604	93.5	98.7	89.6	94.5	95.4	102.3	-
A4854	122,469	101,604	93.5	98.6	89.1	94.4	95.4	102.2	-
A4853	117,934	99,790	93.6	98.5	87.8	94.2	95.4	102.1	-
A4852	113,851	97,522	93.7	98.4	86.7	94.0	95.3	102.0	-
A4851	108,862	95,254	93.9	98.2	85.3	93.7	95.2	101.8	-
A4850	107,047	95,254	93.9	98.1	84.8	93.6	95.2	101.8	-

¹ See Note 1.



TE.CERT.00051-001 © European Union Aviation Safety Agency, 2022. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Page 65 of 76

Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-300

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

RR Mod. 72-91878 or SB 72-9188 (48 fan outlet guide vanes), AFM option code <573.R4.RB211-535E4.48FOGV and STC

Page 66 of 76

EASA.IM.A.S.01636 (Recertification to Chapter 4)

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 8 / Amendment 12 Chapter¹ 4

FACA	Maximu	ım Mass	Latera	l EPNL	Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122236	123,830	101,604	93.2	98.7	89.7	94.5	95.4	102.2	-
A122237	122,469	101,604	93.2	98.6	89.3	94.4	95.4	102.2	-
A122238	117,934	99,790	93.3	98.5	87.9	94.2	95.4	102.1	-
A122239	113,851	97,522	93.5	98.4	86.8	94.0	95.3	102.0	-
A122240	108,862	95,254	93.6	98.2	85.4	93.7	95.2	101.8	-
A122241	107,047	95,254	93.6	98.1	84.9	93.6	95.2	101.8	-

¹ See Note 1.



Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-300

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4-37

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

RR Mod. 72-91878 or SB 72-9188 (48 fan outlet guide vanes), AFM option code <573.R4.RB211-535E4.48FOGV.W (Recertification to Chapter 4, Winglets)

Page 67 of 76

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 8 / Amendment 12 Chapter¹ 4

FACA	Maximu	ım Mass	Latera	I EPNL	Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122249	123,830	101,604	93.2	98.7	88.7	94.5	95.3	102.2	-
A122250	122,469	101,604	93.2	98.6	88.3	94.4	95.3	102.2	-
A122251	117,934	99,790	93.3	98.5	87.1	94.2	95.2	102.1	-
A122252	113,851	97,522	93.5	98.4	86.0	94.0	95.2	102.0	-
A122253	108,862	95,254	93.6	98.2	84.6	93.7	95.1	101.8	-
A122254	107,047	95,254	93.6	98.1	84.1	93.6	95.1	101.8	-

¹ See Note 1.



Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-300

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4B-37

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

70 fan outlet guide vanes

Page 68 of 76

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

FACA	Maximu	ım Mass	Latera	I EPNL	Flyover EPNL		Approach EPNL		See
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A17257	124,057	101,604	95.0	98.7	87.9	94.5	95.7	102.3	-
A163	122,469	101,604	95.1	98.6	87.5	94.4	95.7	102.2	-
A162	117,934	99,790	95.2	98.5	86.2	94.2	95.7	102.1	-
A161	113,851	97,522	95.3	98.4	85.1	94.0	95.5	102.0	-
A82	108,862	95,254	95.4	98.2	83.8	93.7	95.4	101.8	-
A164	107,047	95,254	95.5	98.1	83.4	93.6	95.4	101.8	-

¹ See Note 1.



Issue: 12 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-300

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4B-37

RR Mod. 72-91878 or SB 72-9188 (48 fan outlet guide vanes) Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	er EPNL	Approach EPNL		See
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A17259	124,057	101,604	94.8	98.7	88.2	94.5	95.4	102.3	-
A4861	122,469	101,604	94.9	98.6	87.8	94.4	95.4	102.2	-
A9001	117,934	101,604	95.0	98.5	86.4	94.2	95.4	102.1	-
A4859	117,934	99,790	95.0	98.5	86.4	94.2	95.4	102.1	-
A4858	113,851	97,522	95.1	98.4	85.4	94.0	95.3	102.0	-
A4857	108,862	95,254	95.2	98.2	84.4	93.7	95.2	101.8	-
A4856	107,047	95,254	95.2	98.1	84.0	93.6	95.2	101.8	-

¹ See Note 1.



TE.CERT.00051-001 © European Union Aviation Safety Agency, 2022. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Page 69 of 76

Issue: 12 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-300

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4B-37

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

RR Mod. 72-91878 or SB 72-9188 (48 fan outlet guide vanes), AFM

Page 70 of 76

option code <573.R4.RB211-535E4B.48FOGV and STC EASA.IM.A.S.01636 (Recertification to Chapter 4)

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 8 / Amendment 12 Chapter¹ 4

FACA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		See	
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A122242	123,830	101,604	94.5	98.7	88.3	94.5	95.4	102.2	-	
A122243	122,469	101,604	94.5	98.6	87.9	94.4	95.4	102.2	-	
A122244	117,934	99,790	94.7	98.5	86.6	94.2	95.4	102.1	-	
A122245	113,851	97,522	94.8	98.4	85.6	94.0	95.3	102.0	-	
A122246	108,862	95,254	94.9	98.2	84.3	93.7	95.2	101.8	-	
A122247	107,047	95,254	95.0	98.1	83.8	93.6	95.2	101.8	-	
A122248	106,988	95,254	95.0	98.1	83.8	93.6	95.2	101.8	-	

¹ See Note 1.



Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-300

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4B-37

 $\label{lem:continuous} \textbf{Additional modifications essential to meet the requirements or needed to attain the}$

certificated noise levels¹

RR Mod. 72-91878 or SB 72-9188 (48 fan outlet guide vanes), AFM option code <573.R4.RB211-535E4B.48FOGV:W (Recertification to Chapter 4, Winglets)

Page 71 of 76

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 8 / Amendment 12 Chapter¹ 4

FACA	Maximu	ım Mass	Latera	al EPNL	Flyove	er EPNL	Approa	ch EPNL	C
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122255	123,830	101,604	94.5	98.7	87.3	94.5	95.3	102.2	-
A122256	122,469	101,604	94.5	98.6	86.9	94.4	95.3	102.2	-
A122281	117,934	101,604	94.7	98.5	85.8	94.2	95.3	102.1	-
A122257	117,934	99,790	94.7	98.5	85.8	94.2	95.2	102.1	-
A122282	116,978	101,604	94.7	98.5	85.6	94.1	95.3	102.1	-
A122283	113,987	101,604	94.8	98.4	84.8	94.0	95.3	102.0	-
A122258	113,851	97,522	94.8	98.4	84.8	94.0	95.2	102.0	-
A122259	108,862	95,254	94.9	98.2	83.5	93.7	95.1	101.8	-
A122260	107,047	95,254	95.0	98.1	83.0	93.6	95.1	101.8	-
A122261	106,988	95,254	95.0	98.1	83.0	93.6	95.1	101.8	-

¹ See Note 1.



Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-300

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4C-37

Additional modifications essential to meet the requirements or needed to attain the RR Mod. 72-91878 or SB 72-9188 (48 fan outlet guide vanes)

certificated noise levels¹

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

FACA	Maximu	ım Mass	Latera	I EPNL	Flyove	er EPNL	Approach EPNL		Coo
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A17260	124,057	101,604	94.8	98.7	88.2	94.5	95.4	102.3	-
A1274	122,469	101,604	94.9	98.6	87.8	94.4	95.4	102.2	-
A1275	117,934	99,790	95.0	98.5	86.4	94.2	95.4	102.1	-
A1276	113,851	97,522	95.1	98.4	85.4	94.0	95.3	102.0	-
A1277	108,862	95,254	95.2	98.2	84.4	93.7	95.2	101.8	-
A1278	107,047	95,254	95.2	98.1	84.0	93.6	95.2	101.8	-

¹ See Note 1.



TE.CERT.00051-001 © European Union Aviation Safety Agency, 2022. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Page 72 of 76

Issue: 12 Date: 25 March 2022

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 757-300

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4C-37

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

RR Mod. 72-91878 or SB 72-9188 (48 fan outlet guide vanes), AFM

Page 73 of 76

option code <573.R4.RB211-535E4B.48FOGV and STC EASA.IM.A.S.01636 (Recertification to Chapter 4)

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 8 / Amendment 12 Chapter¹ 4

FACA	Maximu	ım Mass	Latera	I EPNL	Flyove	er EPNL	Approach EPNL		See	
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A122284	123,830	101,604	94.5	98.7	88.3	94.5	95.4	102.2	-	
A122285	122,469	101,604	94.5	98.6	87.9	94.4	95.4	102.2	-	
A122286	117,934	99,790	94.7	98.5	86.6	94.2	95.4	102.1	-	
A122287	113,851	97,522	94.8	98.4	85.6	94.0	95.3	102.0	-	
A122288	108,862	95,254	94.9	98.2	84.3	93.7	95.2	101.8	-	
A122289	107,047	95,254	95.0	98.1	83.8	93.6	95.2	101.8	-	
A122290	106,988	95,254	95.0	98.1	83.8	93.6	95.2	101.8	-	

¹ See Note 1.



Issue: 12

Date: 25 March 2022

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 757-300

Engine Manufacturer¹ Rolls-Royce Engine Type Designation¹ RB211-535E4C-37

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

RR Mod. 72-91878 or SB 72-9188 (48 fan outlet guide vanes), AFM option code <573.R4.RB211-535E4B.48FOGV:W (Recertification to Chapter 4, Winglets)

Page 74 of 76

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 8 / Amendment 12 Chapter¹ 4

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122262	123,830	101,604	94.5	98.7	87.3	94.5	95.3	102.2	-
A122263	122,469	101,604	94.5	98.6	86.9	94.4	95.3	102.2	-
A122264	117,934	99,790	94.7	98.5	85.8	94.2	95.2	102.1	-
A122265	113,851	97,522	94.8	98.4	84.8	94.0	95.2	102.0	-
A122266	108,862	95,254	94.9	98.2	83.5	93.7	95.1	101.8	-
A122267	107,047	95,254	95.0	98.1	83.0	93.6	95.1	101.8	-
A122268	106,988	95,254	95.0	98.1	83.0	93.6	95.1	101.8	-

¹ See Note 1.



TCDSN No.: EASA.IM.A.205 Page 75 of 76

Issue: 12 Date: 25 March 2022

CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12	13
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5	6

TCDSN EASA.IM.A.205 Notes

- 1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
- 2. Noise levels valid for engines fitted with PIP with/without liner kit
- 3. Later revisions of STC EASA.IM.A.S.01636 published as STC EASA 10015659.
- 4. Valid for 70 fan outlet guide vanes (original configuration)
- 5. Air con. packs ON.
- 6. Air con. packs OFF.

TCDSN No.: EASA.IM.A.205 Page 76 of 76

Issue: 12 Date: 25 March 2022

Change Record

Issue	Date	Changes
Issue 1	23 January 2012	Initial issue.
Issue 2	09 April 2013	Revised
Issue 3	21 October 2014	Revised
Issue 4	01 September 2015	Harmonized records regarding MTOM
Issue 5	05 April 2016	Added records A121203-A121206
Issue 6	12 January 2017	Added records for 757-200(PF) against Chapter 4
Issue 7	12 January 2018	Added records A121645-A121670 for 757-200 and 757-200PF with engine
		intermix configuration
Issue 8	15 November 2018	Added record A122013
Issue 9	12 April 2019	Added Chapter 4 noise levels for model 757-200(PF)
Issue 10	07 August 2019	Added 757-300 fitted with RR211-535 engine and 48 fan outlet guide vans
		recertified to Chapter 4
Issue 11	07 September 2020	Added record A122424
Issue 12	25 March 2022	Added records A122725, A122727, A122728, A122730 and A122735