TCDSN No.: EASA.IM.A.120.4 Boeing 737 Page 1 of 289 Date: 04 March 2024

Issue: 22



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.120.4

for

Boeing 737

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

For models: 737-800



Boeing 737 TCDSN No.: EASA.IM.A.120.4 Page 2 of 289 Date: 04 March 2024

Issue: 22

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Page 3 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24

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
A16181	79,015	66,360	92.1	97.0	88.6	91.9	96.5	100.7	-
A1683	79,015	66,088	92.1	97.0	88.6	91.9	96.5	100.7	-
A16182	78,975	66,360	92.1	97.0	88.6	91.9	96.5	100.7	-
A1685	78,244	65,317	92.1	97.0	88.4	91.8	96.4	100.7	-
A16183	77,975	66,360	92.1	97.0	88.3	91.8	96.5	100.7	-
A16184	76,975	66,360	92.2	96.9	87.9	91.7	96.5	100.6	-
A16185	76,495	66,360	92.2	96.9	87.7	91.7	96.5	100.6	-
A16186	75,975	66,360	92.2	96.9	87.5	91.6	96.5	100.6	-
A16187	75,495	66,360	92.2	96.9	87.3	91.6	96.5	100.6	-
A16188	74,975	66,360	92.3	96.8	87.1	91.6	96.5	100.6	-

/continued on next page

¹ See Note 1.

Issue: 22

Page 4 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ **CFM56-7B24**

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

FASA	Maximum	Mass	Lateral	EPNL	Flyover	· EPNL	Approa	ch EPNL	Soo
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16189	74,495	66,360	92.3	96.8	87.0	91.5	96.5	100.5	-
A1687	74,389	62,595	92.3	96.8	86.9	91.5	96.2	100.5	-
A119010	70,533	65,317	92.5	96.6	85.5	91.2	96.4	100.4	-
A1689	70,533	58,967	92.5	96.6	85.5	91.2	95.9	100.4	-
A1691	65,317	55,338	92.8	96.3	83.6	90.8	95.6	100.1	-

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24

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

AFM Option Code <9844> (Recertification to Chapter 4)

Page 5 of 289

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

FACA	Maximu	um Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Coo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A2973	79,015	66,360	91.9	97.0	88.6	91.9	96.5	100.7	-
A2969	79,015	66,088	91.9	97.0	88.6	91.9	96.5	100.7	-
A2967	78,244	65,317	91.9	97.0	88.3	91.8	96.5	100.7	-
A122575	74,990	66,360	92.0	96.8	87.0	91.6	96.5	100.6	-
A2965	74,389	62,595	92.1	96.8	86.8	91.5	96.3	100.5	-
A2963	70,533	58,967	92.2	96.6	85.4	91.2	96.0	100.4	-
A2959	65,317	55,338	92.5	96.3	83.3	90.8	95.6	100.1	-

¹ See Note 1.



Noise Certification Basis

A1229

A1230

A1231

Issue: 22

Page 6 of 289 Date: 04 March 2024

Edition 3 / Amendment 7

86.8

85.3

83.3

91.5

91.2

90.8

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Edition / Amendment

92.1

92.2

92.5

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24

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

74,389

70,533

65,317

ICAO Annex 16, Volume I

62,595

58,967

55,338

AFM Option Code <9844S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

Chapter¹

96.3

96.0

95.7

4

100.5

100.4

100.1

Maximum Mass Lateral EPNL Flyover EPNL Approach EPNL EASA See Take-off¹ Landing Record No. Note Level¹ Limit Level1 Limit Level1 Limit (kg) (kg) 66,360 A1226 79,015 91.9 97.0 88.5 91.9 96.6 100.7 A1227 79,015 66,088 91.9 97.0 88.5 91.9 96.6 100.7 A1228 78,244 91.9 97.0 88.2 91.8 96.5 100.7 65,317

96.8

96.6

96.3

¹ See Note 1.



Issue: 22

Page 7 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B24

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

AFM Option Code <9844S2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid)

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Can
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A1220	79,015	66,360	91.9	97.0	88.5	91.9	96.5	100.7	-
A1221	79,015	66,088	91.9	97.0	88.5	91.9	96.4	100.7	-
A1222	78,244	65,317	91.9	97.0	88.2	91.8	96.3	100.7	-
A1223	74,389	62,595	92.1	96.8	86.8	91.5	96.1	100.5	-
A1224	70,533	58,967	92.2	96.6	85.3	91.2	95.8	100.4	-
A1225	65,317	55,338	92.5	96.3	83.3	90.8	95.5	100.1	-

¹ See Note 1.



Issue: 22

Page 8 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B24

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

AFM Option Code <9844W> (Recertification to Chapter 4, Winglets)

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	Coo
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A8921	73,708	66,360	92.1	96.8	85.6	91.5	96.4	100.5	2

¹ See Note 1.



Page 9 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24

Additional modifications essential to meet the requirements or needed to attain the AFM Option Code <9844W> (Recertification to Chapter 4, Winglets)

certificated noise levels¹

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

FACA	Maximum	Mass	Lateral	EPNL	Flyover	EPNL	Approa	ch EPNL	Con
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A3046	79,015	66,360	91.9	97.0	87.6	91.9	96.4	100.7	2
A3045	79,015	66,088	91.9	97.0	87.6	91.9	96.4	100.7	2
A122794	79,015	65,317	91.9	97.0	87.6	91.9	96.3	100.7	2
A122793	78,999	66,360	91.9	97.0	87.6	91.9	96.4	100.7	2
A16173	78,975	66,360	91.9	97.0	87.6	91.9	96.4	100.7	2
A3011	78,244	65,317	91.9	97.0	87.3	91.8	96.3	100.7	2
A119441	77,990	65,317	91.9	97.0	87.2	91.8	96.3	100.7	2
A16174	77,975	66,360	91.9	97.0	87.2	91.8	96.4	100.7	2
A122010	77,000	66,360	92.0	96.9	86.9	91.7	96.4	100.7	2
A16175	76,975	66,360	92.0	96.9	86.9	91.7	96.4	100.6	2

¹ See Note 1. /continued on next page



Page 10 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24

Additional modifications essential to meet the requirements or needed to attain the AFM Option Code <9844W> (Recertification to Chapter 4, Winglets)

certificated noise levels¹

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

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
A16176	76,495	66,360	92.0	96.9	86.7	91.7	96.4	100.6	2
A120642	76,203	66,360	92.0	96.9	86.6	91.7	96.4	100.6	2
A16177	75,975	66,360	92.0	96.9	86.5	91.6	96.4	100.6	2
A16178	75,495	66,360	92.0	96.9	86.3	91.6	96.4	100.6	2
A122431	75,000	65,317	92.0	96.8	86.1	91.6	96.3	100.6	2
A122589	74,990	66,360	92.0	96.8	86.1	91.6	96.4	100.6	2
A119435	74,990	65,317	92.0	96.8	86.1	91.6	96.3	100.6	2
A16179	74,975	66,360	92.0	96.8	86.1	91.6	96.4	100.6	2
A16180	74,495	66,360	92.1	96.8	85.9	91.5	96.4	100.5	2
A3010	74,389	62,595	92.1	96.8	85.9	91.5	96.1	100.5	2

¹ See Note 1. /continued on next page



Issue: 22

Page 11 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ **CFM56-7B24**

Additional modifications essential to meet the requirements or needed to attain the AFM Option Code <9844W> (Recertification to Chapter 4, Winglets)

certificated noise levels¹

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

FASA	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
A122360	70,533	65,317	92.2	96.6	84.5	91.2	96.3	100.4	2
A3009	70,533	58,967	92.2	96.6	84.5	91.2	95.8	100.4	2
A2975	65,317	55,338	92.5	96.3	82.4	90.8	95.5	100.1	2

¹ See Note 1.



Page 12 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24

Additional modifications essential to meet the requirements or needed to attain the AFM Option Code <984WS1> (Recertification to Chapter 4, Short

certificated noise levels¹ Field Performance option, 1-position tailskid, Winglets)

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

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
A803	79,015	66,360	91.9	97.0	87.5	91.9	96.4	100.7	2
A804	79,015	66,088	91.9	97.0	87.5	91.9	96.4	100.7	2
A817	78,244	65,317	92.0	97.0	87.3	91.8	96.3	100.7	2
A120762	77,999	65,317	92.0	97.0	87.2	91.8	96.3	100.7	2
A122052	74,389	66,360	92.1	96.8	85.8	91.5	96.4	100.5	2
A818	74,389	62,595	92.1	96.8	85.8	91.5	96.1	100.5	2
A122376	73,413	65,317	92.2	96.7	85.5	91.4	96.3	100.5	-
A17297	72,574	66,360	92.2	96.7	85.2	91.4	96.4	100.5	2
A120646	70,987	65,770	92.3	96.6	84.6	91.3	96.4	100.4	2
A819	70,533	58,967	92.3	96.6	84.4	91.2	95.8	100.4	2

¹ See Note 1. /continued on next page



Issue: 22

Page 13 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B24

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

AFM Option Code <984WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

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

FASA	Maximum	Mass	Lateral	EPNL	Flyover	EPNL	Approa	ch EPNL	Soo
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A820	65,317	55,338	92.5	96.3	82.4	90.8	95.4	100.1	2
A122818	78,990	65,317	91.9	97.0	87.5	91.9	96.3	100.7	2
A122770	72,499	65,317	92.2	96.7	85.2	91.4	96.3	100.4	2

¹ See Note 1.



Noise Certification Basis

Issue: 22

Date: 04 March 2024

Edition 3 / Amendment 7

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Edition / Amendment

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B24

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

ICAO Annex 16, Volume I

AFM Option Code <984WS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

Chapter¹

4

Page 14 of 289

Maximum Mass Lateral EPNL Flyover EPNL Approach EPNL EASA See Take-off¹ Landing Record No. Note Level¹ Limit Level1 Limit Level1 Limit (kg) (kg) 66,360 A276 79,015 91.9 97.0 87.5 91.9 96.3 100.7 2 A277 79,015 66,088 91.9 97.0 87.5 91.9 96.3 100.7 2

A278 78,244 92.0 97.0 87.3 91.8 96.2 100.7 2 65,317 A122051 74,389 66,360 92.1 96.8 85.8 91.5 96.3 100.5 2 A800 74,389 62,595 92.1 96.8 85.8 91.5 96.0 100.5 2 A121609 70,533 65,317 92.3 96.6 84.4 91.2 96.2 100.4 2 2 A801 92.3 96.6 84.4 91.2 95.7 100.4 70,533 58,967 A802 65,317 55,338 92.5 96.3 82.4 90.8 95.3 100.1 2

¹ See Note 1.



Issue: 22

Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24

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

certificated noise levels1

Short field performance option

Page 15 of 289

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

EASA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Coo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A929	79,015	66,360	92.1	97.0	88.6	91.9	96.5	100.7	-
A930	79,015	66,088	92.1	97.0	88.6	91.9	96.4	100.7	-
A931	78,244	65,317	92.1	97.0	88.3	91.8	96.3	100.7	-
A932	74,389	62,595	92.3	96.8	86.9	91.5	96.1	100.5	-
A933	70,533	58,967	92.5	96.6	85.5	91.2	95.8	100.4	-
A934	65,317	55,338	92.8	96.3	83.5	90.8	95.5	100.1	-

¹ See Note 1.



Issue: 22

Page 16 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B24

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

Short field performance option, Winglets

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	Coo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A167	79,015	66,360	92.1	97.0	87.6	91.9	96.3	100.7	2
A168	79,015	66,088	92.1	97.0	87.6	91.9	96.3	100.7	2
A169	78,244	65,317	92.2	97.0	87.3	91.8	96.2	100.7	2
A170	74,389	62,595	92.4	96.8	85.9	91.5	96.0	100.5	2
A171	70,533	58,967	92.6	96.6	84.5	91.2	95.7	100.4	2
A172	65,317	55,338	92.8	96.3	82.5	90.8	95.3	100.1	2

¹ See Note 1.



Page 17 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24

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

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	Con
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A1682	79,015	66,360	92.1	97.0	87.5	91.9	96.3	100.7	2
A1684	79,015	66,088	92.1	97.0	87.5	91.9	96.3	100.7	2
A120334	79,015	65,317	92.1	97.0	87.5	91.9	96.3	100.7	2
A122425	78,999	65,317	92.1	97.0	87.5	91.9	96.3	100.7	-
A16163	78,975	66,360	92.1	97.0	87.5	91.9	96.3	100.7	2
A122800	78,834	66,360	92.1	97.0	87.4	91.9	96.3	100.7	2
A1686	78,244	65,317	92.1	97.0	87.2	91.8	96.3	100.7	2
A16164	77,975	66,360	92.1	97.0	87.1	91.8	96.3	100.7	2
A9792	77,904	65,770	92.1	97.0	87.1	91.8	96.3	100.7	2
A16474	77,000	66,360	92.2	96.9	86.8	91.7	96.3	100.7	2

¹ See Note 1.

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Issue: 22

Page 18 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24

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

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
A16165	76,975	66,360	92.2	96.9	86.8	91.7	96.3	100.6	2
A16166	76,495	66,360	92.2	96.9	86.6	91.7	96.3	100.6	2
A16167	75,975	66,360	92.2	96.9	86.4	91.6	96.3	100.6	2
A16168	75,495	66,360	92.2	96.9	86.3	91.6	96.3	100.6	2
A16169	74,975	66,360	92.3	96.8	86.1	91.6	96.3	100.6	2
A16170	74,495	66,360	92.3	96.8	85.9	91.5	96.3	100.5	2
A1688	74,389	62,595	92.3	96.8	85.9	91.5	96.1	100.5	2
A6595	73,708	66,360	92.3	96.8	85.6	91.5	96.3	100.5	2
A119934	73,000	66,360	92.4	96.7	85.4	91.4	96.3	100.5	2
A120102	72,600	66,360	92.4	96.7	85.2	91.4	96.3	100.5	2

¹ See Note 1.

Page 19 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24

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

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
A119935	72,000	66,360	92.4	96.7	85.0	91.3	96.3	100.4	2
A7062	71,440	66,360	92.4	96.6	84.8	91.3	96.3	100.4	2
A120103	71,400	66,360	92.4	96.6	84.8	91.3	96.3	100.4	2
A119936	71,000	66,360	92.5	96.6	84.6	91.3	96.3	100.4	2
A122015	70,999	66,360	92.5	96.6	84.6	91.3	96.3	100.4	2
A122723	70,999	65,770	92.5	96.6	84.6	91.3	96.3	100.4	2
A120569	70,987	65,770	92.5	96.6	84.6	91.3	96.3	100.4	2
A10034	70,533	65,317	92.5	96.6	84.5	91.2	96.3	100.4	2
A1690	70,533	58,967	92.5	96.6	84.5	91.2	95.8	100.4	2
A120104	70,200	66,360	92.5	96.6	84.3	91.2	96.3	100.3	2

¹ See Note 1.

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Issue: 22

Page 20 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B24

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

certificated noise levels1

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

ΓΛΩ	Maximum	Mass	Lateral	EPNL	Flyover	EPNL	Approa	Approach EPNL	Coo
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A120118	70,000	66,360	92.5	96.6	84.3	91.2	96.3	100.3	2
A120105	69,000	66,360	92.6	96.5	83.9	91.1	96.3	100.3	2
A1692	65,317	55,338	92.8	96.3	82.5	90.8	95.4	100.1	2

¹ See Note 1.



Issue: 22

Page 21 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Edition / Amendment

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B24

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

ICAO Annex 16, Volume I

certificated noise levels1

Noise Certification Basis

Winglets

Edition

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Can
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122721	71,191	65,770	92.5	96.6	84.7	91.3	96.3	100.4	2

¹ See Note 1.



Chapter¹

3

Issue: 22

Page 22 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24, CFM56-7B24/3

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

Engine intermix, AFM Option Code <9844W> (Recertification to certificated noise levels¹ Chapter 4, Winglets)

N : C !!!! D !	1646 4 46 1/ 1	- liii / A l i	- I''	Cl 1	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 3 / Amendment 7	Chapter ¹	4

FACA	Maximum Mass		Latera	l EPNL	Flyove	r EPNL	Approach EPNL		Can
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122714	70,533	65,317	92.2	96.6	84.5	91.2	96.3	100.4	2
A122722	74,990	66,360	92.0	96.8	86.1	91.6	96.4	100.6	2

¹ See Note 1.



Issue: 22

Page 23 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B24/3

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	Latera	l EPNL	Flyove	er EPNL	Approa	ch EPNL	Soc
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A8387	79,015	66,360	92.1	97.0	88.6	91.9	96.5	100.7	-
A8388	79,015	66,088	92.1	97.0	88.6	91.9	96.5	100.7	-
A8389	78,244	65,317	92.1	97.0	88.4	91.8	96.4	100.7	-
A8390	74,389	62,595	92.3	96.8	86.9	91.5	96.2	100.5	-
A8391	70,533	58,967	92.5	96.6	85.5	91.2	95.9	100.4	-
A8392	65,317	55,338	92.8	96.3	83.6	90.8	95.6	100.1	-

¹ See Note 1.



Issue: 22

Page 24 of 289 Date: 04 March 2024

Edition 3 / Amendment 7

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24/3

AFM Option Code <9844> (Recertification to Chapter 4) Additional modifications essential to meet the requirements or needed to attain the

Edition / Amendment

certificated noise levels1

Noise Certification Basis

ICAO Annex 16, Volume I

ΓΛΟΛ	Maximu	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10293	79,015	66,360	91.9	97.0	88.6	91.9	96.5	100.7	-
A10294	79,015	66,088	91.9	97.0	88.6	91.9	96.5	100.7	-
A10295	78,244	65,317	91.9	97.0	88.3	91.8	96.5	100.7	-
A10296	74,389	62,595	92.1	96.8	86.8	91.5	96.3	100.5	-
A10297	70,533	58,967	92.2	96.6	85.4	91.2	96.0	100.4	-
A10298	65,317	55,338	92.5	96.3	83.3	90.8	95.6	100.1	-

¹ See Note 1.



Chapter¹

Issue: 22

A.120.4 Page 25 of 289
Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B24/3

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

AFM Option Code <9844S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

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

EASA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Coo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10432	79,015	66,360	91.9	97.0	88.5	91.9	96.6	100.7	-
A10433	79,015	66,088	91.9	97.0	88.5	91.9	96.6	100.7	-
A10434	78,244	65,317	91.9	97.0	88.2	91.8	96.5	100.7	-
A10435	74,389	62,595	92.1	96.8	86.8	91.5	96.3	100.5	-
A10436	70,533	58,967	92.2	96.6	85.3	91.2	96.0	100.4	-
A10437	65,317	55,338	92.5	96.3	83.3	90.8	95.7	100.1	-

¹ See Note 1.



Noise Certification Basis

A10501

A10502

A10503

Issue: 22

Page 26 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Edition / Amendment

92.1

92.2

92.5

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B24/3

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

74,389

70,533

65,317

ICAO Annex 16, Volume I

62,595

58,967

55,338

AFM Option Code <9844S2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid)

Chapter¹

96.1

95.8

95.5

4

100.5

100.4

100.1

Maximum Mass Lateral EPNL Flyover EPNL Approach EPNL EASA See Take-off¹ Landing Record No. Note Level¹ Limit Level1 Limit Level1 Limit (kg) (kg) 66,360 A10498 79,015 91.9 97.0 88.5 91.9 96.5 100.7 A10499 79,015 66,088 91.9 97.0 88.5 91.9 96.4 100.7 78,244 91.9 97.0 88.2 91.8 96.3 100.7 A10500 65,317

96.8

96.6

96.3

Edition 3 / Amendment 7

86.8

85.3

83.3

91.5

91.2

90.8

¹ See Note 1.



Issue: 22

Page 27 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24/3

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

AFM Option Code <9844W> (Recertification to Chapter 4, Winglets)

certificated noise levels1

Noise Certification Basis

ICAO Annex 16, Volume I

Edition / Amendment

Chapter¹

EASA	Maximu	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16472	73,708	66,360	92.1	96.8	85.6	91.5	96.4	100.5	2

¹ See Note 1.



Page 28 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24/3

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

AFM Option Code <9844W> (Recertification to Chapter 4, Winglets)

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Coo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10371	79,015	66,360	91.9	97.0	87.6	91.9	96.4	100.7	2
A10372	79,015	66,088	91.9	97.0	87.6	91.9	96.4	100.7	2
A122808	78,999	66,360	91.9	97.0	87.6	91.9	96.4	100.7	2
A10373	78,244	65,317	91.9	97.0	87.3	91.8	96.3	100.7	2
A122733	76,999	65,317	92.0	96.9	86.9	91.7	96.3	100.7	2
A10374	74,389	62,595	92.1	96.8	85.9	91.5	96.1	100.5	2
A121227	70,533	65,317	92.2	96.6	84.5	91.2	96.3	100.4	2
A10375	70,533	58,967	92.2	96.6	84.5	91.2	95.8	100.4	2
A10376	65,317	55,338	92.5	96.3	82.4	90.8	95.5	100.1	2

¹ See Note 1.



Page 29 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24/3

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

certificated noise levels¹

AFM Option Code <984WS1> (Recertification to Chapter 4, Short

Field Performance option, 1-position tailskid, Winglets)

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

EASA Record No.	Maximum	Maximum Mass		Lateral EPNL		Flyover EPNL		ch EPNL	See	
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A10564	79,015	66,360	91.9	97.0	87.5	91.9	96.4	100.7	2	
A10565	79,015	66,088	91.9	97.0	87.5	91.9	96.4	100.7	2	
A10566	78,244	65,317	92.0	97.0	87.3	91.8	96.3	100.7	2	
A122006	77,999	65,317	92.0	97.0	87.2	91.8	96.3	100.7	2	
A121242	75,000	66,360	92.1	96.8	86.1	91.6	96.4	100.6	2	
A122809	75,000	65,770	92.1	96.8	86.1	91.6	96.4	100.6	2	
A10567	74,389	62,595	92.1	96.8	85.8	91.5	96.1	100.5	2	
A17298	72,574	66,360	92.2	96.7	85.2	91.4	96.4	100.5	2	
A122639	70,987	65,770	92.3	96.6	84.6	91.3	96.4	100.4	2	
A10568	70,533	58,967	92.3	96.6	84.4	91.2	95.8	100.4	2	

¹ See Note 1. /continued on next page



Issue: 22

Page 30 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B24/3

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

certificated noise levels¹

AFM Option Code <984WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

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

FASA	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
A10569	65,317	55,338	92.5	96.3	82.4	90.8	95.4	100.1	2

¹ See Note 1.



Issue: 22

Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B24/3

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

AFM Option Code <984WS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

Page 31 of 289

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

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soc
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A13937	79,015	66,360	91.9	97.0	87.5	91.9	96.3	100.7	2
A13938	79,015	66,088	91.9	97.0	87.5	91.9	96.3	100.7	2
A13939	78,244	65,317	92.0	97.0	87.3	91.8	96.2	100.7	2
A13940	74,389	62,595	92.1	96.8	85.8	91.5	96.0	100.5	2
A13941	70,533	58,967	92.3	96.6	84.4	91.2	95.7	100.4	2
A122813	67,993	65,317	92.4	96.5	83.4	91.0	96.2	100.2	2
A13942	65,317	55,338	92.5	96.3	82.4	90.8	95.3	100.1	2

¹ See Note 1.



Issue: 22

Page 32 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24/3

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

Short field performance option

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A8436	79,015	66,360	92.1	97.0	88.6	91.9	96.5	100.7	-
A8437	79,015	66,088	92.1	97.0	88.6	91.9	96.4	100.7	-
A8438	78,244	65,317	92.1	97.0	88.3	91.8	96.3	100.7	-
A8439	74,389	62,595	92.3	96.8	86.9	91.5	96.1	100.5	-
A8440	70,533	58,967	92.5	96.6	85.5	91.2	95.8	100.4	-
A8441	65,317	55,338	92.8	96.3	83.5	90.8	95.5	100.1	-

¹ See Note 1.



Issue: 22

Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24/3

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

Short field performance option, Winglets

Page 33 of 289

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 (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A8460	79,015	66,360	92.1	97.0	87.6	91.9	96.3	100.7	2
A8461	79,015	66,088	92.1	97.0	87.6	91.9	96.3	100.7	2
A15584	78,999	66,360	92.1	97.0	87.6	91.9	96.3	100.7	2
A8462	78,244	65,317	92.2	97.0	87.3	91.8	96.2	100.7	2
A8463	74,389	62,595	92.4	96.8	85.9	91.5	96.0	100.5	2
A8464	70,533	58,967	92.6	96.6	84.5	91.2	95.7	100.4	2
A8465	65,317	55,338	92.8	96.3	82.5	90.8	95.3	100.1	2

¹ See Note 1.



Page 34 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24/3

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

certificated noise levels¹

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

EASA	Maximum	Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		6	
Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A122824	75,000	65,770	92.3	96.8	86.1	91.6	96.3	100.6	2	
A119489	79,015	66,360	92.1	97.0	87.5	91.9	96.3	100.7	2	
A8417	79,015	66,088	92.1	97.0	87.5	91.9	96.3	100.7	2	
A8418	78,244	65,317	92.1	97.0	87.2	91.8	96.3	100.7	2	
A16475	77,000	66,360	92.2	96.9	86.8	91.7	96.3	100.7	2	
A122379	75,976	65,317	92.2	96.9	86.4	91.6	96.3	100.6	2	
A8419	74,389	62,595	92.3	96.8	85.9	91.5	96.1	100.5	2	
A122741	72,000	65,770	92.4	96.7	85.0	91.3	96.3	100.4	-	
A120759	70,533	65,317	92.5	96.6	84.5	91.2	96.3	100.4	2	
A8420	70,533	58,967	92.5	96.6	84.5	91.2	95.8	100.4	2	

¹ See Note 1.

Issue: 22

Page 35 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ **CFM56-7B24/3**

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

certificated noise levels¹

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

EASA	Maximum Mass		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	
A8421	65,317	55,338	92.8	96.3	82.5	90.8	95.4	100.1	2	

¹ See Note 1.



Issue: 22

Page 36 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ **CFM56-7B24/3B1**

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

AFM Option Code <9844> (Recertification to Chapter 4)

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A10305	79,015	66,360	91.9	97.0	88.6	91.9	96.5	100.7	-
A10306	79,015	66,088	91.9	97.0	88.6	91.9	96.5	100.7	-
A10307	78,244	65,317	91.9	97.0	88.3	91.8	96.5	100.7	-
A10308	74,389	62,595	92.1	96.8	86.8	91.5	96.3	100.5	-
A10309	70,533	58,967	92.2	96.6	85.4	91.2	96.0	100.4	-
A10310	65,317	55,338	92.5	96.3	83.3	90.8	95.6	100.1	-

¹ See Note 1.



Page 37 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24/3B1

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

AFM Option Code <9844S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

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

EASA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		See	
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A10444	79,015	66,360	91.9	97.0	88.5	91.9	96.6	100.7	-	
A10445	79,015	66,088	91.9	97.0	88.5	91.9	96.6	100.7	-	
A10446	78,244	65,317	91.9	97.0	88.2	91.8	96.5	100.7	-	
A10447	74,389	62,595	92.1	96.8	86.8	91.5	96.3	100.5	-	
A10448	70,533	58,967	92.2	96.6	85.3	91.2	96.0	100.4	-	
A10449	65,317	55,338	92.5	96.3	83.3	90.8	95.7	100.1	-	

¹ See Note 1.



Issue: 22

Page 38 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B24/3B1

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

AFM Option Code <9844S2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid)

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

FACA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		See	
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A10510	79,015	66,360	91.9	97.0	88.5	91.9	96.5	100.7	-	
A10511	79,015	66,088	91.9	97.0	88.5	91.9	96.4	100.7	-	
A10512	78,244	65,317	91.9	97.0	88.2	91.8	96.3	100.7	-	
A10513	74,389	62,595	92.1	96.8	86.8	91.5	96.1	100.5	-	
A10514	70,533	58,967	92.2	96.6	85.3	91.2	95.8	100.4	-	
A10515	65,317	55,338	92.5	96.3	83.3	90.8	95.5	100.1	-	

¹ See Note 1.



Page 39 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24/3B1

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

AFM Option Code <9844W> (Recertification to Chapter 4, Winglets)

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Can
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10383	79,015	66,360	91.9	97.0	87.6	91.9	96.4	100.7	2
A10384	79,015	66,088	91.9	97.0	87.6	91.9	96.4	100.7	2
A10385	78,244	65,317	91.9	97.0	87.3	91.8	96.3	100.7	2
A10386	74,389	62,595	92.1	96.8	85.9	91.5	96.1	100.5	2
A10387	70,533	58,967	92.2	96.6	84.5	91.2	95.8	100.4	2
A10388	65,317	55,338	92.5	96.3	82.4	90.8	95.5	100.1	2

¹ See Note 1.



Noise Certification Basis

A10580

A10581

70,533

65,317

Issue: 22 Date: 04 March 2024

Edition 3 / Amendment 7

84.4

82.4

91.2

90.8

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Edition / Amendment

92.3

92.5

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24/3B1

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

ICAO Annex 16, Volume I

58,967

55,338

AFM Option Code <984WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

Chapter1

95.8

95.4

4

100.4

100.1

2

2

Page 40 of 289

Maximum Mass Lateral EPNL Flyover EPNL Approach EPNL EASA See Take-off¹ Landing Record No. Note Level¹ Limit Level1 Limit Level1 Limit (kg) (kg) 66,360 A10576 79,015 91.9 97.0 87.5 91.9 96.4 100.7 2 A10577 79,015 66,088 91.9 97.0 87.5 91.9 96.4 100.7 2 78,244 92.0 97.0 87.3 91.8 96.3 100.7 2 A10578 65,317 A10579 74,389 62,595 92.1 96.8 85.8 91.5 96.1 100.5 2

96.6

96.3

¹ See Note 1.



Noise Certification Basis

A13951

A13952

A13953

A13954

Issue: 22 Date: 04 March 2024

Edition 3 / Amendment 7

91.8

91.5

91.2

90.8

87.3

85.8

84.4

82.4

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Edition / Amendment

92.0

92.1

92.3

92.5

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24/3B1

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

78,244

74,389

70,533

65,317

ICAO Annex 16, Volume I

65,317

62,595

58,967

55,338

AFM Option Code <984WS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

Chapter¹

96.2

96.0

95.7

95.3

4

100.7

100.5

100.4

100.1

Page 41 of 289

2

2

2

2

Maximum Mass Lateral EPNL Flyover EPNL Approach EPNL EASA See Take-off¹ Landing Record No. Note Level¹ Limit Level1 Limit Level1 Limit (kg) (kg) 66,360 A13949 79,015 91.9 97.0 87.5 91.9 96.3 100.7 2 A13950 79,015 66,088 91.9 97.0 87.5 91.9 96.3 100.7 2

97.0

96.8

96.6

96.3

¹ See Note 1.



Issue: 22

Page 42 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24E

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

FASA	Maximu	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16333	79,015	66,360	92.1	97.0	88.6	91.9	96.5	100.7	-

¹ See Note 1.



Issue: 22

Page 43 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B24E

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

AFM Option Code <9844> (Recertification to Chapter 4)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Ç o o
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16324	79,015	66,360	91.9	97.0	88.6	91.9	96.5	100.7	-

¹ See Note 1.



Issue: 22

Page 44 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B24E

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

AFM Option Code <9844S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16325	79,015	66,360	91.9	97.0	88.5	91.9	96.6	100.7	-

¹ See Note 1.



Issue: 22

Page 45 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24E

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

AFM Option Code <9844S2> (Recertification to Chapter 4, Short Field

Performance option, 2-position tailskid)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16327	79,015	66,360	91.9	97.0	88.5	91.9	96.5	100.7	-

¹ See Note 1.



Issue: 22

Page 46 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Edition / Amendment

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24E

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

ICAO Annex 16, Volume I

AFM Option Code <9844W> (Recertification to Chapter 4, Winglets)

Chapter¹

certificated noise levels¹

Noise Certification Basis

TACA	Maximu	um Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		Caa
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16329	79,015	66,360	91.9	97.0	87.6	91.9	96.4	100.7	2
A122022	77,000	66,360	92.0	96.9	86.9	91.7	96.4	100.7	2
A119044	73,708	66,360	92.1	96.8	85.6	91.5	96.4	100.5	2
A122030	70,533	65,317	92.2	96.6	84.5	91.2	96.3	100.4	2

Edition 3 / Amendment 7

¹ See Note 1.



Page 47 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24E

Additional modifications essential to meet the requirements or needed to attain the AFM Option Code <984WS1> (Recertification to Chapter 4, Short

certificated noise levels¹ Field Performance option, 1-position tailskid, Winglets)

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

FACA	Maximum	Mass	Lateral	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
A122633	73,413	65,317	92.2	96.7	85.5	91.4	96.3	100.5	-
A16326	79,015	66,360	91.9	97.0	87.5	91.9	96.4	100.7	2
A122806	79,015	65,770	91.9	97.0	87.5	91.9	96.4	100.7	2
A121241	78,998	65,317	91.9	97.0	87.5	91.9	96.3	100.7	2
A122732	78,244	66,360	92.0	97.0	87.3	91.8	96.4	100.7	2
A120687	77,999	65,317	92.0	97.0	87.2	91.8	96.3	100.7	2
A121359	76,975	66,360	92.0	96.9	86.7	91.7	96.4	100.6	2
A121606	75,975	66,360	92.0	96.9	86.4	91.6	96.4	100.6	2
A121207	74,975	66,360	92.1	96.8	86.0	91.6	96.4	100.6	2
A122161	74,389	66,360	92.1	96.8	85.8	91.5	96.4	100.5	2

¹ See Note 1. /continued on next page



Issue: 22

Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24E

Additional modifications essential to meet the requirements or needed to attain the AFM Option Code <984WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

certificated noise levels¹

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

FACA	Maximum	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	
A122280	73,000	66,360	92.2	96.7	85.3	91.4	96.4	100.5	-	
A122279	72,600	66,360	92.2	96.7	85.2	91.4	96.4	100.5	-	
A17300	72,574	66,360	92.2	96.7	85.2	91.4	96.4	100.5	2	
A122789	72,499	65,317	92.2	96.7	85.2	91.4	96.3	100.4	2	
A122278	72,000	66,360	92.2	96.7	84.9	91.3	96.4	100.4	-	
A122277	71,400	66,360	92.2	96.6	84.7	91.3	96.4	100.4	-	
A122276	71,000	66,360	92.3	96.6	84.6	91.3	96.4	100.4	-	
A122275	70,200	66,360	92.3	96.6	84.3	91.2	96.4	100.3	-	
A122274	70,000	66,360	92.3	96.6	84.2	91.2	96.4	100.3	-	
A122273	69,000	66,360	92.4	96.5	83.8	91.1	96.4	100.3	-	

¹ See Note 1.



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Page 48 of 289

Issue: 22

Page 49 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹

CFM56-7B24E

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

AFM Option Code <984WS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A16328	79,015	66,360	91.9	97.0	87.5	91.9	96.3	100.7	2	

¹ See Note 1.



Issue: 22

Page 50 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ **CFM56-7B24E**

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

Short field performance option

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

FA6	C 4	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
Record		Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A163	330	79,015	66,360	92.1	97.0	88.6	91.9	96.5	100.7	-

¹ See Note 1.



Issue: 22

Page 51 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹

CFM56-7B24E

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

Short field performance option, Winglets

Noise Certification Basis

ICAO Annex 16, Volume I

Edition / Amendment

Chapter¹

3

EACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16331	79,015	66,360	92.1	97.0	87.6	91.9	96.3	100.7	2

¹ See Note 1.



Issue: 22

Page 52 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B24E

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

certificated noise levels¹

Winglets

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		°00
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16332	79,015	66,360	92.1	97.0	87.5	91.9	96.3	100.7	2
A16476	77,000	66,360	92.2	96.9	86.8	91.7	96.3	100.7	2

¹ See Note 1.



Issue: 22

Page 53 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B24E/B1

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

AFM Option Code <9844> (Recertification to Chapter 4)

Chapter¹

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

FA6	C 4	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EAS Record		Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A163	343	79,015	66,360	91.9	97.0	88.6	91.9	96.5	100.7	-

¹ See Note 1.



Issue: 22

Page 54 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ **CFM56-7B24E/B1**

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

AFM Option Code <9844S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

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

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soc
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16344	79,015	66,360	91.9	97.0	88.5	91.9	96.6	100.7	-

¹ See Note 1.



Issue: 22

Page 55 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ **CFM56-7B24E/B1**

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

AFM Option Code <9844S2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid)

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

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approa	Soc	
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16346	79,015	66,360	91.9	97.0	88.5	91.9	96.5	100.7	-

¹ See Note 1.



Issue: 22

Page 56 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B24E/B1

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

AFM Option Code <9844W> (Recertification to Chapter 4, Winglets)

Noise Certification Rasis	ICAO Anney 16 Volume I	Edition / Amendment	Edition 3 / Amendment 7	Chanter ¹	1

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16348	79,015	66,360	91.9	97.0	87.6	91.9	96.4	100.7	2

¹ See Note 1.



Noise Certification Basis

A16345

Issue: 22

Page 57 of 289 Date: 04 March 2024

2

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Edition / Amendment

91.9

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ **CFM56-7B24E/B1**

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

79,015

ICAO Annex 16, Volume I

66,360

AFM Option Code <984WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

Chapter¹

96.4

4

100.7

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Coo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note

97.0

Edition 3 / Amendment 7

91.9

87.5

¹ See Note 1.



Issue: 22

Page 58 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B24E/B1

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

AFM Option Code <984WS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

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

FASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soc
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16347	79,015	66,360	91.9	97.0	87.5	91.9	96.3	100.7	2

¹ See Note 1.



Page 59 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26

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
A1723	79,015	66,360	93.8	97.0	87.4	91.9	96.5	100.7	-
A16605	79,015	66,224	93.8	97.0	87.4	91.9	96.5	100.7	-
A1725	79,015	66,088	93.8	97.0	87.4	91.9	96.5	100.7	-
A8959	79,015	65,317	93.8	97.0	87.4	91.9	96.4	100.7	-
A122423	79,000	65,317	93.8	97.0	87.4	91.9	96.4	100.7	-
A8914	78,999	66,360	93.8	97.0	87.4	91.9	96.5	100.7	-
A16211	78,975	66,360	93.8	97.0	87.4	91.9	96.5	100.7	-
A7064	78,925	65,317	93.8	97.0	87.4	91.9	96.4	100.7	-
A1727	78,244	65,317	93.8	97.0	87.2	91.8	96.4	100.7	-
A16212	77,975	66,360	93.8	97.0	87.0	91.8	96.5	100.7	-

¹ See Note 1. /continued on next page



Page 60 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26

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
A13033	77,791	65,317	93.9	97.0	87.0	91.8	96.4	100.7	-
A121062	76,999	66,360	93.9	96.9	86.7	91.7	96.5	100.7	-
A121066	76,999	65,317	93.9	96.9	86.7	91.7	96.4	100.7	-
A16213	76,975	66,360	93.9	96.9	86.7	91.7	96.5	100.6	-
A122710	76,657	65,317	93.9	96.9	86.6	91.7	96.5	100.6	-
A16214	76,495	66,360	93.9	96.9	86.5	91.7	96.5	100.6	-
A16215	75,975	66,360	93.9	96.9	86.3	91.6	96.5	100.6	-
A16216	75,495	66,360	94.0	96.9	86.2	91.6	96.5	100.6	-
A121060	74,999	66,360	94.0	96.8	86.0	91.6	96.5	100.6	-
A121067	74,999	65,317	94.0	96.8	86.0	91.6	96.4	100.6	-

¹ See Note 1.



/continued on next page

Issue: 22

Page 61 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26

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		See	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A166	74,990	65,317	94.0	96.8	86.0	91.6	96.4	100.6	-	
A16217	74,975	66,360	94.0	96.8	86.0	91.6	96.5	100.6	-	
A122036	74,615	66,360	94.0	96.8	85.9	91.5	96.5	100.5	-	
A16218	74,495	66,360	94.0	96.8	85.8	91.5	96.5	100.5	-	
A1729	74,389	62,595	94.0	96.8	85.8	91.5	96.2	100.5	-	
A13034	71,708	65,317	94.2	96.7	84.9	91.3	96.4	100.4	-	
A119451	70,985	65,317	94.2	96.6	84.6	91.3	96.4	100.4	-	
A1731	70,533	58,967	94.2	96.6	84.5	91.2	95.9	100.4	-	
A1733	65,317	55,338	94.5	96.3	82.6	90.8	95.6	100.1	-	
A119411	63,999	55,338	94.6	96.2	82.1	90.7	95.6	100.0	-	

¹ See Note 1.



Issue: 22

Page 62 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B26

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

AFM Option Code <9864> (Recertification to Chapter 4)

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

EASA	Maximu	ım Mass	Latera	Lateral EPNL		er EPNL	Approach EPNL		Can	
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A2934	79,015	66,360	93.5	97.0	87.3	91.9	96.5	100.7	-	
A2929	79,015	66,088	93.5	97.0	87.3	91.9	96.5	100.7	-	
A2928	78,244	65,317	93.6	97.0	87.1	91.8	96.5	100.7	-	
A122306	76,999	66,360	93.6	96.9	86.6	91.7	96.5	100.7	-	
A2924	74,389	62,595	93.8	96.8	85.7	91.5	96.3	100.5	-	
A2920	70,533	58,967	93.9	96.6	84.3	91.2	96.0	100.4	-	
A2883	65,317	55,338	94.2	96.3	82.4	90.8	95.6	100.1	-	

¹ See Note 1.



Issue: 22

Page 63 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B26

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

AFM Option Code <9864S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	er EPNL	Approach EPNL		Coo
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A1238	79,015	66,360	93.5	97.0	87.3	91.9	96.6	100.7	-
A1239	79,015	66,088	93.5	97.0	87.3	91.9	96.6	100.7	-
A1240	78,244	65,317	93.6	97.0	87.1	91.8	96.5	100.7	-
A1241	74,389	62,595	93.8	96.8	85.7	91.5	96.3	100.5	-
A121699	71,990	65,317	93.9	96.7	84.8	91.3	96.5	100.4	-
A1242	70,533	58,967	93.9	96.6	84.3	91.2	96.0	100.4	-
A121700	66,990	65,317	94.1	96.4	83.0	90.9	96.5	100.2	-
A1243	65,317	55,338	94.2	96.3	82.4	90.8	95.7	100.1	-

¹ See Note 1.



Page 64 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26

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

AFM Option Code <9864S2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soc
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A1232	79,015	66,360	93.5	97.0	87.3	91.9	96.5	100.7	-
A1233	79,015	66,088	93.5	97.0	87.3	91.9	96.4	100.7	-
A1234	78,244	65,317	93.6	97.0	87.1	91.8	96.3	100.7	-
A1235	74,389	62,595	93.8	96.8	85.7	91.5	96.1	100.5	-
A1236	70,533	58,967	93.9	96.6	84.3	91.2	95.8	100.4	-
A1237	65,317	55,338	94.2	96.3	82.4	90.8	95.5	100.1	-

¹ See Note 1.



Page 65 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26

AFM Option Code <9864W> (Recertification to Chapter 4, Winglets) 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

E A C A	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
A10064	79,000	66,360	93.5	97.0	86.4	91.9	96.4	100.7	2
A10063	79,000	65,317	93.5	97.0	86.4	91.9	96.3	100.7	2
A15455	78,999	66,360	93.5	97.0	86.4	91.9	96.4	100.7	2
A122355	78,999	65,317	93.5	97.0	86.4	91.9	96.3	100.7	2
A119468	72,600	66,360	93.8	96.7	84.2	91.4	96.4	100.5	2
A121231	71,990	65,317	93.9	96.7	84.0	91.3	96.3	100.4	2
A119469	71,000	66,360	93.9	96.6	83.6	91.3	96.4	100.4	2
A121618	70,999	66,360	93.9	96.6	83.6	91.3	96.4	100.4	2
A119470	70,200	66,360	94.0	96.6	83.4	91.2	96.4	100.3	2
A119471	70,000	66,360	94.0	96.6	83.3	91.2	96.4	100.3	2

¹ See Note 1. /continued on next page



Page 66 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26

AFM Option Code <9864W> (Recertification to Chapter 4, Winglets) 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

EASA	Maximum 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
A122310	70,000	65,317	94.0	96.6	83.3	91.2	96.3	100.3	2
A122031	69,999	65,317	94.0	96.6	83.3	91.2	96.3	100.3	2
A119472	69,000	66,360	94.0	96.5	82.9	91.1	96.4	100.3	2

¹ See Note 1.



Issue: 22

Page 67 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B26

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

AFM Option Code <9864W> (Recertification to Chapter 4, Winglets)

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 / Amendment 5 Chapter¹

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Ç o o
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10060	77,000	65,317	93.6	96.9	85.7	91.7	96.3	100.7	2

¹ See Note 1.



Page 68 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26

Additional modifications essential to meet the requirements or needed to attain the AFM Option Code <9864W> (Recertification to Chapter 4, Winglets)

certificated noise levels¹

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

FACA	Maximum	Mass	Lateral	EPNL	Flyover	EPNL	Approach EPNL		San	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A2957	79,015	66,360	93.5	97.0	86.5	91.9	96.4	100.7	2	
A2955	79,015	66,088	93.5	97.0	86.5	91.9	96.4	100.7	2	
A14185	79,015	65,317	93.5	97.0	86.5	91.9	96.3	100.7	2	
A16200	78,975	66,360	93.5	97.0	86.4	91.9	96.4	100.7	2	
A16772	78,925	66,224	93.5	97.0	86.4	91.9	96.4	100.7	2	
A15562	78,244	66,360	93.6	97.0	86.2	91.8	96.4	100.7	2	
A2953	78,244	65,317	93.6	97.0	86.2	91.8	96.3	100.7	2	
A16208	78,000	66,360	93.6	97.0	86.1	91.8	96.4	100.7	2	
A14186	78,000	65,317	93.6	97.0	86.1	91.8	96.3	100.7	2	
A16586	77,999	65,317	93.6	97.0	86.1	91.8	96.3	100.7	2	

¹ See Note 1. /continued on next page



Issue: 22

Page 69 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26

Additional modifications essential to meet the requirements or needed to attain the AFM Option Code <9864W> (Recertification to Chapter 4, Winglets)

certificated noise levels¹

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

FACA	Maximum	Mass	Lateral	EPNL	Flyover	EPNL	Approach EPNL		C	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A119440	77,990	65,317	93.6	97.0	86.1	91.8	96.3	100.7	2	
A16201	77,975	66,360	93.6	97.0	86.1	91.8	96.4	100.7	2	
A15564	77,000	66,360	93.6	96.9	85.7	91.7	96.4	100.7	2	
A122294	76,999	66,360	93.6	96.9	85.7	91.7	96.4	100.7	2	
A122295	76,999	65,317	93.6	96.9	85.7	91.7	96.3	100.7	2	
A16202	76,975	66,360	93.6	96.9	85.7	91.7	96.4	100.6	2	
A16203	76,495	66,360	93.7	96.9	85.6	91.7	96.4	100.6	2	
A120644	76,203	66,360	93.7	96.9	85.5	91.7	96.4	100.6	2	
A120421	76,000	65,317	93.7	96.9	85.4	91.6	96.3	100.6	2	
A16585	75,999	65,317	93.7	96.9	85.4	91.6	96.3	100.6	2	

¹ See Note 1. /continued on next page



Issue: 22

Page 70 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26

AFM Option Code <9864W> (Recertification to Chapter 4, Winglets) 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 **Edition 3 / Amendment 7** Chapter¹

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	
A16204	75,975	66,360	93.7	96.9	85.4	91.6	96.4	100.6	2	
A16205	75,495	66,360	93.7	96.9	85.2	91.6	96.4	100.6	2	
A120317	74,990	66,360	93.7	96.8	85.1	91.6	96.4	100.6	2	
A14215	74,990	65,317	93.7	96.8	85.1	91.6	96.3	100.6	2	
A16206	74,975	66,360	93.7	96.8	85.0	91.6	96.4	100.6	2	
A16207	74,495	66,360	93.8	96.8	84.9	91.5	96.4	100.5	2	
A2948	74,389	62,595	93.8	96.8	84.8	91.5	96.1	100.5	2	
A121225	70,533	65,317	93.9	96.6	83.5	91.2	96.3	100.4	2	
A2944	70,533	58,967	93.9	96.6	83.5	91.2	95.8	100.4	2	
A2937	65,317	55,338	94.2	96.3	81.6	90.8	95.5	100.1	2	

¹ See Note 1.



Issue: 22

Page 71 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B26

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

AFM Option Code <9864W>, Service Bulletin 737-11-1077 (Recertification to Chapter 4, Limitation of take-off mass, Winglets (Incorporation of Service Bulletin Work Package 2))

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

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soo	
Recor		Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A14	202	69,990	65,317	93.9	96.6	83.3	91.2	96.3	100.3	2

¹ See Note 1.



Issue: 22

Page 72 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B26

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

AFM Option Code <9864W>, Service Bulletin 737-11-1077 (Recertification to Chapter 4, Limitation of take-off mass, Winglets (Incorporation of Service Bulletin Work Package 4))

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

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A14203	66,990	65,317	94.1	96.4	82.2	90.9	96.3	100.2	2

¹ See Note 1.



Issue: 22

Page 73 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26

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

AFM Option Code <9864W>, Service Bulletin 737-11-1173 Rev.00 (Recertification to Chapter 4, Reduction of MTOW, Winglets)

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

ΓΛΩ	EASA -	Maximum Mass		Lateral EPNL		Flyover EPNL		Approa	Coo	
Record		Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A1630	06	73,999	66,360	93.8	96.8	84.7	91.5	96.4	100.5	2

¹ See Note 1.



Issue: 22

Page 74 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B26

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

AFM Option Code <986WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 / Amendment 5 Chapter¹ 4

FACA	Maximu	ım Mass	Latera	l EPNL	Flyover EPNL		Approa	See	
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A120647	77,000	66,360	93.7	96.9	85.6	91.7	96.4	100.7	2
A10056	77,000	65,317	93.7	96.9	85.6	91.7	96.3	100.7	2
A122561	76,997	65,317	93.7	96.9	85.6	91.7	96.3	100.7	2
A10057	76,000	65,317	93.7	96.9	85.3	91.6	96.3	100.6	2
A121719	71,990	65,317	93.9	96.7	83.9	91.3	96.3	100.4	2
A121713	66,990	65,317	94.2	96.4	82.1	90.9	96.3	100.2	2

¹ See Note 1.



Page 75 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26

Additional modifications essential to meet the requirements or needed to attain the AFM Option Code <986WS1> (Recertification to Chapter 4, Short

certificated noise levels¹ Field Performance option, 1-position tailskid, Winglets)

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

FACA	Maximum	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	
A837	79,015	66,360	93.6	97.0	86.4	91.9	96.4	100.7	2	
A838	79,015	66,088	93.6	97.0	86.4	91.9	96.4	100.7	2	
A120651	79,015	65,317	93.6	97.0	86.4	91.9	96.3	100.7	2	
A16159	79,000	66,360	93.6	97.0	86.4	91.9	96.4	100.7	2	
A16796	78,999	66,360	93.6	97.0	86.4	91.9	96.4	100.7	2	
A15560	78,999	65,317	93.6	97.0	86.4	91.9	96.3	100.7	2	
A839	78,244	65,317	93.6	97.0	86.1	91.8	96.3	100.7	2	
A121722	77,990	65,317	93.7	97.0	86.0	91.8	96.3	100.7	2	
A121967	74,990	65,317	93.8	96.8	85.0	91.6	96.3	100.6	2	
A840	74,389	62,595	93.8	96.8	84.7	91.5	96.1	100.5	2	

¹ See Note 1. /continued on next page



Issue: 22

Page 76 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ **CFM56-7B26**

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

AFM Option Code <986WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

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

FASA	Maximum	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	
A17292	72,000	66,360	93.9	96.7	83.9	91.3	96.4	100.4	2	
A841	70,533	58,967	94.0	96.6	83.4	91.2	95.8	100.4	2	
A121716	69,990	65,317	94.0	96.6	83.2	91.2	96.3	100.3	2	
A842	65,317	55,338	94.3	96.3	81.5	90.8	95.4	100.1	2	
A119422	63,999	55,338	94.3	96.2	80.9	90.7	95.4	100.0	2	

¹ See Note 1.



Noise Certification Basis

Issue: 22

Date: 04 March 2024

Edition 3 / Amendment 7

83.4

81.5

80.9

91.2

90.8

90.7

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Edition / Amendment

94.0

94.3

94.3

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26

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

ICAO Annex 16, Volume I

58,967

55,338

55,338

AFM Option Code <986WS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

Chapter¹

95.7

95.3

95.3

4

100.4

100.1

100.0

Page 77 of 289

2

2

2

Maximum Mass Lateral EPNL Flyover EPNL Approach EPNL EASA See Take-off¹ Landing Record No. Note Level¹ Level1 Level1 Limit Limit Limit (kg) (kg) 66,360 A821 79,015 93.6 97.0 86.4 91.9 96.3 100.7 2 A822 79,015 66,088 93.6 97.0 86.4 91.9 96.3 100.7 2 A9016 79,015 93.6 97.0 86.4 91.9 96.2 100.7 2 65,317 A16771 78,925 66,224 93.6 97.0 86.4 91.9 96.3 100.7 2 A823 78,244 93.6 97.0 86.1 91.8 96.2 100.7 2 65,317 A824 74,389 62,595 93.8 96.8 84.7 91.5 96.0 100.5 2

96.6

96.3

96.2

¹ See Note 1.



A825

A826

A119425

70,533

65,317

63,999

Issue: 22

Page 78 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26

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

Service Bulletin 737-11-1077 (Reduced maximum take-off mass, Winglets (Incorporation of Service Bulletin Work Package 2))

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

TASA.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approa	Soo	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A9800	69,990	65,317	94.3	96.6	83.3	91.2	96.3	100.3	2

¹ See Note 1.



Issue: 22

Page 79 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26

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

Service Bulletin 737-11-1077 (Reduced maximum take-off mass, Winglets (Incorporation of Service Bulletin Work Package 4))

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

TASA.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A9801	66,990	65,317	94.4	96.4	82.3	90.9	96.3	100.2	2

¹ See Note 1.



Page 80 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26

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

certificated noise levels1

Short field performance option

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	Coo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A971	79,015	66,360	93.8	97.0	87.4	91.9	96.5	100.7	-
A972	79,015	66,088	93.8	97.0	87.4	91.9	96.4	100.7	-
A973	78,244	65,317	93.8	97.0	87.2	91.8	96.3	100.7	-
A997	74,389	62,595	94.0	96.8	85.8	91.5	96.1	100.5	-
A998	70,533	58,967	94.2	96.6	84.5	91.2	95.8	100.4	-
A999	65,317	55,338	94.5	96.3	82.6	90.8	95.5	100.1	-

¹ See Note 1.



Page 81 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26

Additional modifications essential to meet the requirements or needed to attain the Short field performance option, Winglets

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	
A183	79,015	66,360	93.9	97.0	86.4	91.9	96.3	100.7	2	
A184	79,015	66,088	93.9	97.0	86.4	91.9	96.3	100.7	2	
A17331	79,015	65,317	93.9	97.0	86.4	91.9	96.2	100.7	2	
A120610	78,999	66,360	93.9	97.0	86.4	91.9	96.3	100.7	2	
A14217	78,925	65,317	93.9	97.0	86.4	91.9	96.2	100.7	2	
A185	78,244	65,317	93.9	97.0	86.1	91.8	96.2	100.7	2	
A122738	76,000	65,317	94.0	96.9	85.4	91.6	96.2	100.6	-	
A186	74,389	62,595	94.1	96.8	84.8	91.5	96.0	100.5	2	
A7058	72,000	66,360	94.2	96.7	84.0	91.3	96.3	100.4	2	
A7059	71,440	66,360	94.2	96.6	83.8	91.3	96.3	100.4	2	

¹ See Note 1.

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Issue: 22

Page 82 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ **CFM56-7B26**

Additional modifications essential to meet the requirements or needed to attain the Short field performance option, Winglets

certificated noise levels1

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

EASA	Maximum	Maximum Mass		Lateral EPNL		Flyover EPNL		ch EPNL	500	
Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A187	70,533	58,967	94.3	96.6	83.5	91.2	95.7	100.4	2	
A188	65,317	55,338	94.6	96.3	81.6	90.8	95.3	100.1	2	
A119420	63,999	55,338	94.7	96.2	81.1	90.7	95.3	100.0	2	

¹ See Note 1.



Page 83 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26

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

certificated noise levels¹

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

FACA	Maximum	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	
A1724	79,015	66,360	93.8	97.0	86.4	91.9	96.3	100.7	2	
A122432	79,015	66,224	93.8	97.0	86.4	91.9	96.3	100.7	2	
A1726	79,015	66,088	93.8	97.0	86.4	91.9	96.3	100.7	2	
A122812	79,015	65,770	93.8	97.0	86.4	91.9	96.3	100.7	-	
A10199	79,015	65,317	93.8	97.0	86.4	91.9	96.3	100.7	2	
A9799	79,000	66,360	93.8	97.0	86.4	91.9	96.3	100.7	2	
A9798	79,000	65,317	93.8	97.0	86.4	91.9	96.3	100.7	2	
A120622	78,999	66,360	93.8	97.0	86.4	91.9	96.3	100.7	2	
A9783	78,999	65,317	93.8	97.0	86.4	91.9	96.3	100.7	2	
A16191	78,975	66,360	93.8	97.0	86.4	91.9	96.3	100.7	2	

¹ See Note 1.

Page 84 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26

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

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
A14218	78,925	65,317	93.8	97.0	86.4	91.9	96.3	100.7	2
A122799	78,834	66,360	93.8	97.0	86.4	91.9	96.3	100.7	2
A1728	78,244	65,317	93.8	97.0	86.2	91.8	96.3	100.7	2
A120689	77,997	65,317	93.8	97.0	86.1	91.8	96.3	100.7	2
A16192	77,975	66,360	93.8	97.0	86.1	91.8	96.3	100.7	2
A9003	77,904	65,770	93.8	97.0	86.1	91.8	96.3	100.7	2
A122047	77,791	66,224	93.9	97.0	86.0	91.8	96.3	100.7	2
A122638	77,791	65,317	93.9	97.0	86.0	91.8	96.3	100.7	2
A15897	77,000	66,360	93.9	96.9	85.8	91.7	96.3	100.7	2
A5799	77,000	65,317	93.9	96.9	85.8	91.7	96.3	100.7	2

¹ See Note 1.

Page 85 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26

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

certificated noise levels¹

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

FACA	Maximum	Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		Con
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121057	76,999	66,360	93.9	96.9	85.8	91.7	96.3	100.7	2
A121070	76,999	65,317	93.9	96.9	85.8	91.7	96.3	100.7	2
A16193	76,975	66,360	93.9	96.9	85.7	91.7	96.3	100.6	2
A16194	76,495	66,360	93.9	96.9	85.6	91.7	96.3	100.6	2
A5800	76,000	65,317	93.9	96.9	85.4	91.6	96.3	100.6	2
A16606	75,999	65,317	93.9	96.9	85.4	91.6	96.3	100.6	2
A122429	75,976	65,317	93.9	96.9	85.4	91.6	96.3	100.6	2
A16195	75,975	66,360	93.9	96.9	85.4	91.6	96.3	100.6	2
A16196	75,495	66,360	94.0	96.9	85.2	91.6	96.3	100.6	2
A121059	74,999	66,360	94.0	96.8	85.1	91.6	96.3	100.6	2

¹ See Note 1.

Page 86 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26

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

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-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121071	74,999	65,317	94.0	96.8	85.1	91.6	96.3	100.6	2
A120316	74,990	66,360	94.0	96.8	85.0	91.6	96.3	100.6	2
A1279	74,990	65,317	94.0	96.8	85.0	91.6	96.3	100.6	2
A16197	74,975	66,360	94.0	96.8	85.0	91.6	96.3	100.6	2
A122040	74,615	66,360	94.0	96.8	84.9	91.5	96.3	100.5	2
A16198	74,495	66,360	94.0	96.8	84.9	91.5	96.3	100.5	2
A1730	74,389	62,595	94.0	96.8	84.8	91.5	96.1	100.5	2
A13029	73,999	65,317	94.0	96.8	84.7	91.5	96.3	100.5	2
A119434	73,935	66,360	94.0	96.8	84.7	91.5	96.3	100.5	2
A119454	73,000	66,360	94.1	96.7	84.4	91.4	96.3	100.5	2

¹ See Note 1.

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Page 87 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26

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

certificated noise levels¹

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

FACA	Maximum	Mass	Lateral	Lateral EPNL		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
A119455	72,600	66,360	94.1	96.7	84.2	91.4	96.3	100.5	2
A119487	72,000	66,360	94.2	96.7	84.0	91.3	96.3	100.4	2
A122814	71,893	65,317	94.2	96.7	84.0	91.3	96.3	100.4	2
A7061	71,440	66,360	94.2	96.6	83.8	91.3	96.3	100.4	2
A119457	71,400	66,360	94.2	96.6	83.8	91.3	96.3	100.4	2
A119458	71,000	66,360	94.2	96.6	83.7	91.3	96.3	100.4	2
A122033	70,999	65,317	94.2	96.6	83.7	91.3	96.3	100.4	2
A121617	70,999	66,360	94.2	96.6	83.7	91.3	96.3	100.4	2
A1732	70,533	58,967	94.2	96.6	83.5	91.2	95.8	100.4	2
A119459	70,200	66,360	94.3	96.6	83.4	91.2	96.3	100.3	2

¹ See Note 1.



/continued on next page

Issue: 22

Page 88 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹

CFM56-7B26

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

Winglets

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-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A119460	70,000	66,360	94.3	96.6	83.3	91.2	96.3	100.3	2	
A119461	69,000	66,360	94.3	96.5	83.0	91.1	96.3	100.3	2	
A120662	68,999	65,317	94.3	96.5	83.0	91.1	96.3	100.3	2	
A1734	65,317	55,338	94.5	96.3	81.6	90.8	95.4	100.1	2	
A119415	63,999	55,338	94.6	96.2	81.2	90.7	95.4	100.0	2	

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26, CFM56-7B26/2

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

certificated noise levels1

Engine intermix

Page 89 of 289

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

FACA	Maximu	ım Mass	Latera	Lateral EPNL		er EPNL	Approach EPNL		See	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A1735	79,015	66,360	93.4	97.0	87.1	91.9	96.6	100.7	-	
A1737	79,015	66,088	93.4	97.0	87.1	91.9	96.6	100.7	-	
A15587	78,999	66,360	93.4	97.0	87.0	91.9	96.6	100.7	-	
A1739	78,244	65,317	93.5	97.0	86.8	91.8	96.6	100.7	-	
A14216	75,069	66,360	93.7	96.8	85.7	91.6	96.6	100.6	-	
A1741	74,389	62,595	93.7	96.8	85.4	91.5	96.4	100.5	-	
A1743	70,533	58,967	93.9	96.6	84.1	91.2	96.1	100.4	-	
A1745	65,317	55,338	94.2	96.3	82.2	90.8	95.8	100.1	-	

¹ See Note 1.



Noise Certification Basis

Issue: 22

Date: 04 March 2024

Edition 3 / Amendment 7

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Edition / Amendment

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26, CFM56-7B26/2

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

ICAO Annex 16, Volume I

Engine intermix, AFM Option Code <E826> (Recertification to Chapter 4)

Chapter¹

4

Page 90 of 289

Maximum Mass Lateral EPNL Flyover EPNL Approach EPNL EASA See Take-off¹ Landing Record No. Note Level¹ Limit Level1 Limit Level1 Limit (kg) (kg) 66,360 A17665 79,015 93.2 97.0 87.0 91.9 96.7 100.7

A17666 79,015 66,088 93.2 97.0 87.0 91.9 96.7 100.7 A17667 78,244 93.2 97.0 86.7 91.8 96.6 100.7 65,317 A17668 74,389 62,595 93.4 96.8 85.4 91.5 96.4 100.5 A17669 70,533 58,967 93.6 96.6 84.0 91.2 96.1 100.4 A17670 65,317 55,338 93.9 96.3 82.0 90.8 95.8 100.1

¹ See Note 1.



Issue: 22

Page 91 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B26, CFM56-7B26/2

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

Chapter 4, Winglets)

Engine intermix, AFM Option Code <E826W> (Recertification to

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

FACA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approa	See	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A17713	79,015	66,360	93.2	97.0	86.1	91.9	96.6	100.7	2
A17714	79,015	66,088	93.2	97.0	86.1	91.9	96.6	100.7	2
A17715	78,244	65,317	93.2	97.0	85.8	91.8	96.5	100.7	2
A17716	74,389	62,595	93.4	96.8	84.5	91.5	96.3	100.5	2
A17717	70,533	58,967	93.6	96.6	83.1	91.2	96.0	100.4	2
A17718	65,317	55,338	93.9	96.3	81.2	90.8	95.6	100.1	2

¹ See Note 1.



Issue: 22

Page 92 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B26, CFM56-7B26/2

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

certificated noise levels1

Engine intermix, Winglets

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyover EPNL		Approach EPNL		See	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A1736	79,015	66,360	93.4	97.0	86.0	91.9	96.5	100.7	2	
A1738	79,015	66,088	93.4	97.0	86.0	91.9	96.5	100.7	2	
A1740	78,244	65,317	93.5	97.0	85.8	91.8	96.4	100.7	2	
A1742	74,389	62,595	93.7	96.8	84.5	91.5	96.2	100.5	2	
A1744	70,533	58,967	93.9	96.6	83.1	91.2	95.9	100.4	2	
A1746	65,317	55,338	94.2	96.3	81.3	90.8	95.6	100.1	2	

¹ See Note 1.



Issue: 22

Page 93 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹

CFM56-7B26, CFM56-7B26/3

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

certificated noise levels1

Engine intermix

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

FACA	EASA Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soc
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A17905	78,999	66,360	93.8	97.0	87.4	91.9	96.5	100.7	-

¹ See Note 1.



Issue: 22

Page 94 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B26, CFM56-7B26/3

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

Chapter 4)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soc.	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A122307	76,999	66,360	93.6	96.9	86.6	91.7	96.5	100.7	-	

¹ See Note 1.



Engine intermix, AFM Option Code <9864> (Recertification to

Issue: 22

Page 95 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B26, CFM56-7B26/3

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

Engine intermix, AFM Option Code <9864W> (Recertification to Chapter 4, Winglets)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		\$00	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A122377	71,990	65,317	93.9	96.7	84.0	91.3	96.3	100.4	2	
A122313	70,000	65,317	94.0	96.6	83.3	91.2	96.3	100.3	2	

¹ See Note 1.



Noise Certification Basis

Issue: 22

Page 96 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Edition / Amendment

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26, CFM56-7B26/3

Engine intermix, AFM Option Code <9864W> (Recertification to

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

ICAO Annex 16, Volume I

Chapter 4, Winglets)

Edition 3 / Amendment 5

certificated noise levels1

Chapter¹

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Cara
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121229	77,000	65,317	93.6	96.9	85.7	91.7	96.3	100.7	2

¹ See Note 1.



Issue: 22

Page 97 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B26, CFM56-7B26/3

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

Engine intermix, AFM Option Code <9864W> (Recertification to Chapter 4, Winglets)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approa	S 0 0	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122300	76,999	66,360	93.6	96.9	85.7	91.7	96.4	100.7	2
A122303	76,999	65,317	93.6	96.9	85.7	91.7	96.3	100.7	2
A122375	74,990	65,317	93.7	96.8	85.1	91.6	96.3	100.6	2
A122378	66,990	65,317	94.1	96.4	82.2	90.9	96.3	100.2	2

¹ See Note 1.



Issue: 22

Page 98 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B26, CFM56-7B26/3

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

certificated noise levels 1

Engine intermix, AFM Option Code <986WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		\$00	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A122035	78,999	66,360	93.6	97.0	86.4	91.9	96.4	100.7	2	
A122765	79,015	66,360	93.6	97.0	86.4	91.9	96.4	100.7	2	

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26, CFM56-7B26/3

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

certificated noise levels1

Engine intermix, Winglets

Page 99 of 289

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

FACA	Maximu	Maximum Mass		Lateral EPNL		er EPNL	Approa	ch EPNL	See	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A120655	79,015	66,360	93.8	97.0	86.4	91.9	96.3	100.7	2	
A122356	78,999	66,360	93.8	97.0	86.4	91.9	96.3	100.7	2	
A120656	78,975	66,360	93.8	97.0	86.4	91.9	96.3	100.7	2	
A120658	78,975	65,317	93.8	97.0	86.4	91.9	96.3	100.7	2	
A120657	77,975	66,360	93.8	97.0	86.1	91.8	96.3	100.7	2	
A120659	77,975	65,317	93.8	97.0	86.1	91.8	96.3	100.7	2	
A122232	76,999	66,360	93.9	96.9	85.8	91.7	96.3	100.7	2	
A122227	76,999	65,317	93.9	96.9	85.8	91.7	96.3	100.7	2	

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26, CFM56-7B26E

Additional modifications essential to meet the requirements or needed to attain the **Engine intermix**

certificated noise levels1

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

FACA	Maximu	ım Mass	Latera	Lateral EPNL		er EPNL	Approach EPNL		See
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A121629	79,015	65,317	93.8	97.0	87.4	91.9	96.4	100.7	-
A18431	78,999	66,360	93.8	97.0	87.4	91.9	96.5	100.7	-
A121076	76,999	66,360	93.9	96.9	86.7	91.7	96.5	100.7	-
A121077	76,999	65,317	93.9	96.9	86.7	91.7	96.4	100.7	-
A121078	74,999	66,360	94.0	96.8	86.0	91.6	96.5	100.6	-
A121079	74,999	65,317	94.0	96.8	86.0	91.6	96.4	100.6	-

¹ See Note 1.



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Page 100 of 289

Issue: 22

Page 101 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26, CFM56-7B26E

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

certificated noise levels1 Chapter 4)

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

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A122308	76,999	66,360	93.6	96.9	86.6	91.7	96.5	100.7	-	
A122365	76,997	65,317	93.6	96.9	86.6	91.7	96.5	100.7	-	

¹ See Note 1.



Engine intermix, AFM Option Code <9864> (Recertification to

Page 102 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26, CFM56-7B26E

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

Engine intermix, AFM Option Code <9864W> (Recertification to Chapter 4, Winglets)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122314	70,000	65,317	94.0	96.6	83.3	91.2	96.3	100.3	2

¹ See Note 1.



Page 103 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26, CFM56-7B26E

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

Engine intermix, AFM Option Code <9864W> (Recertification to Chapter 4, Winglets)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A122825	77,990	65,317	93.6	97.0	86.1	91.8	96.3	100.7	2
A122301	76,999	66,360	93.6	96.9	85.7	91.7	96.4	100.7	2
A122304	76,999	65,317	93.6	96.9	85.7	91.7	96.3	100.7	2
A122699	74,990	65,317	93.7	96.8	85.1	91.6	96.3	100.6	2
A122587	71,990	65,317	93.9	96.7	84.0	91.3	96.3	100.4	2

¹ See Note 1.



Issue: 22

Page 104 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26, CFM56-7B26E

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

Engine intermix, AFM Option Code <986WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 / Amendment 5 Chapter¹ 4

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Ç o o
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122563	76,997	65,317	93.7	96.9	85.6	91.7	96.3	100.7	2

¹ See Note 1.



Issue: 22

Page 105 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B26, CFM56-7B26E

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

certificated noise levels1

Engine intermix, AFM Option Code <986WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

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

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122802	78,999	66,360	93.6	97.0	86.4	91.9	96.4	100.7	2
A122816	78,990	66,360	93.6	97.0	86.4	91.9	96.4	100.7	2

¹ See Note 1.



Issue: 22

Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26, CFM56-7B26E

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

Engine intermix, Winglets certificated noise levels1

Noise Certification Basis

ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 3 Page 106 of 289

FACA	Maximu	ım Mass	Latera	Lateral EPNL		er EPNL	Approach EPNL		See
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A122005	78,999	66,360	93.8	97.0	86.4	91.9	96.3	100.7	2
A122820	77,990	65,317	93.8	97.0	86.1	91.8	96.3	100.7	2
A121072	76,999	66,360	93.9	96.9	85.8	91.7	96.3	100.7	2
A121073	76,999	65,317	93.9	96.9	85.8	91.7	96.3	100.7	2
A121074	74,999	66,360	94.0	96.8	85.1	91.6	96.3	100.6	2
A121075	74,999	65,317	94.0	96.8	85.1	91.6	96.3	100.6	2

¹ See Note 1.



Issue: 22

Page 107 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B26,CFM56-7B26/3

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

Engine intermix, AFM Option Code <9864W>, Service Bulletin 737-11-1255 (Recertification to Chapter 4, Reduction of MTOW, Winglets)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121202	76,999	65,317	93.6	96.9	85.7	91.7	96.3	100.7	2

¹ See Note 1.



Issue: 22

Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/2

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	um Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		See
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A1747	79,015	66,360	93.1	97.0	86.7	91.9	96.8	100.7	-
A1749	79,015	66,088	93.1	97.0	86.7	91.9	96.8	100.7	-
A15595	78,999	66,360	93.1	97.0	86.6	91.9	96.8	100.7	-
A1751	78,244	65,317	93.1	97.0	86.4	91.8	96.7	100.7	-
A15585	75,069	66,360	93.3	96.8	85.3	91.6	96.8	100.6	-
A9782	74,999	66,360	93.3	96.8	85.2	91.6	96.8	100.6	-
A1753	74,389	62,595	93.3	96.8	85.0	91.5	96.5	100.5	-
A7063	73,481	66,360	93.3	96.8	84.7	91.5	96.8	100.5	-
A1755	70,533	58,967	93.5	96.6	83.7	91.2	96.2	100.4	-
A1757	65,317	55,338	93.8	96.3	81.8	90.8	95.9	100.1	-

¹ See Note 1.



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Page 108 of 289

Page 109 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/2

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

AFM Option Code <E826> (Recertification to Chapter 4)

FACA	Maximu	um Mass	Latera	l EPNL	Flyove	r EPNL	Approach EPNL		Coo
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A17659	79,015	66,360	92.8	97.0	86.6	91.9	96.9	100.7	-
A17660	79,015	66,088	92.8	97.0	86.6	91.9	96.9	100.7	-
A17661	78,244	65,317	92.8	97.0	86.3	91.8	96.8	100.7	-
A17662	74,389	62,595	93.0	96.8	85.0	91.5	96.6	100.5	-
A17663	70,533	58,967	93.2	96.6	83.6	91.2	96.3	100.4	-
A17664	65,317	55,338	93.5	96.3	81.6	90.8	95.9	100.1	-

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/2

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

AFM Option Code <E826W> (Recertification to Chapter 4, Winglets)

Page 110 of 289

Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 3 / Amendment 7	Chapter ¹	4
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EASA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approach EPNL		Caa
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A17707	79,015	66,360	92.8	97.0	85.7	91.9	96.7	100.7	2
A17708	79,015	66,088	92.8	97.0	85.7	91.9	96.7	100.7	2
A17709	78,244	65,317	92.8	97.0	85.4	91.8	96.6	100.7	2
A17710	74,389	62,595	93.0	96.8	84.1	91.5	96.4	100.5	2
A17711	70,533	58,967	93.2	96.6	82.7	91.2	96.1	100.4	2
A17712	65,317	55,338	93.5	96.3	80.8	90.8	95.8	100.1	2

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/2

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

certificated noise levels1

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

FACA	Maximu	um Mass	Latera	I EPNL	Flyove	er EPNL	Approa	ch EPNL	Can
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A1748	79,015	66,360	93.1	97.0	85.6	91.9	96.6	100.7	2
A1750	79,015	66,088	93.1	97.0	85.6	91.9	96.6	100.7	2
A119049	78,999	66,360	93.1	97.0	85.6	91.9	96.6	100.7	2
A1752	78,244	65,317	93.1	97.0	85.4	91.8	96.5	100.7	2
A1754	74,389	62,595	93.3	96.8	84.0	91.5	96.3	100.5	2
A1756	70,533	58,967	93.5	96.6	82.7	91.2	96.0	100.4	2
A1758	65,317	55,338	93.8	96.3	80.8	90.8	95.7	100.1	2

¹ See Note 1.



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Page 111 of 289

Page 112 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/2, CFM56-7B26/3

Additional modifications essential to meet the requirements or needed to attain the **Engine intermix**

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		Soo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A15586	78,999	66,360	93.4	97.0	87.0	91.9	96.6	100.7	-
A16584	75,069	66,360	93.7	96.8	85.7	91.6	96.6	100.6	-
A15592	74,999	66,360	93.7	96.8	85.6	91.6	96.6	100.6	-

¹ See Note 1.



Issue: 22 Date: 04 March 2024

None

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3

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	Approa	ch EPNL	Soo	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A8380	79,015	66,360	93.8	97.0	87.4	91.9	96.5	100.7	-	
A8381	79,015	66,088	93.8	97.0	87.4	91.9	96.5	100.7	-	
A15588	78,999	66,360	93.8	97.0	87.4	91.9	96.5	100.7	-	
A8382	78,244	65,317	93.8	97.0	87.2	91.8	96.4	100.7	-	
A122577	74,999	66,360	94.0	96.8	86.0	91.6	96.5	100.6	-	
A8383	74,990	65,317	94.0	96.8	86.0	91.6	96.4	100.6	-	
A8384	74,389	62,595	94.0	96.8	85.8	91.5	96.2	100.5	-	
A8385	70,533	58,967	94.2	96.6	84.5	91.2	95.9	100.4	-	
A8386	65,317	55,338	94.5	96.3	82.6	90.8	95.6	100.1	-	
A119412	63,999	55,338	94.6	96.2	82.1	90.7	95.6	100.0	-	

¹ See Note 1.



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Page 113 of 289

Page 114 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3

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

AFM Option Code <9864> (Recertification to Chapter 4)

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	er EPNL	Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10311	79,015	66,360	93.5	97.0	87.3	91.9	96.5	100.7	-
A10312	79,015	66,088	93.5	97.0	87.3	91.9	96.5	100.7	-
A10313	78,244	65,317	93.6	97.0	87.1	91.8	96.5	100.7	-
A10314	74,389	62,595	93.8	96.8	85.7	91.5	96.3	100.5	-
A10315	70,533	58,967	93.9	96.6	84.3	91.2	96.0	100.4	-
A10316	65,317	55,338	94.2	96.3	82.4	90.8	95.6	100.1	-

¹ See Note 1.



Issue: 22

Page 115 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3

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

AFM Option Code <9864S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

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

EASA	Maximu	um Mass	Latera	l EPNL	Flyove	r EPNL	Approach EPNL		Coo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10450	79,015	66,360	93.5	97.0	87.3	91.9	96.6	100.7	-
A10451	79,015	66,088	93.5	97.0	87.3	91.9	96.6	100.7	-
A10452	78,244	65,317	93.6	97.0	87.1	91.8	96.5	100.7	-
A122017	75,976	65,317	93.7	96.9	86.3	91.6	96.5	100.6	-
A10453	74,389	62,595	93.8	96.8	85.7	91.5	96.3	100.5	-
A10454	70,533	58,967	93.9	96.6	84.3	91.2	96.0	100.4	-
A10455	65,317	55,338	94.2	96.3	82.4	90.8	95.7	100.1	-

¹ See Note 1.



Page 116 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3

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

AFM Option Code <9864S2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid)

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Can
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10516	79,015	66,360	93.5	97.0	87.3	91.9	96.5	100.7	-
A10517	79,015	66,088	93.5	97.0	87.3	91.9	96.4	100.7	-
A10518	78,244	65,317	93.6	97.0	87.1	91.8	96.3	100.7	-
A10519	74,389	62,595	93.8	96.8	85.7	91.5	96.1	100.5	-
A10520	70,533	58,967	93.9	96.6	84.3	91.2	95.8	100.4	-
A10521	65,317	55,338	94.2	96.3	82.4	90.8	95.5	100.1	-

¹ See Note 1.



Page 117 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3

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

AFM Option Code <9864W> (Recertification to Chapter 4, Winglets)

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

FACA	Maximu	Maximum Mass		l EPNL	Flyove	er EPNL	Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10065	79,000	66,360	93.5	97.0	86.4	91.9	96.4	100.7	2
A8504	79,000	65,317	93.5	97.0	86.4	91.9	96.3	100.7	2
A16716	78,999	66,360	93.5	97.0	86.4	91.9	96.4	100.7	2
A119805	78,999	65,317	93.5	97.0	86.4	91.9	96.3	100.7	2
A122311	70,000	65,317	94.0	96.6	83.3	91.2	96.3	100.3	2

¹ See Note 1.



Issue: 22

Page 118 of 289 Date: 04 March 2024

2

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Edition / Amendment

93.6

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3

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

77,000

ICAO Annex 16, Volume I

65,317

AFM Option Code <9864W> (Recertification to Chapter 4, Winglets)

Chapter¹

96.3

4

100.7

certificated noise levels¹

Noise Certification Basis

A10061

_										
	FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Coo
	EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note

96.9

Edition 3 / Amendment 5

91.7

85.7

¹ See Note 1.



Page 119 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3

AFM Option Code <9864W> (Recertification to Chapter 4, Winglets) 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 **Edition 3 / Amendment 7** Chapter¹ 4

FASA	Maximum	Mass	Lateral	EPNL	Flyover	EPNL	Approa	ch EPNL	6
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10389	79,015	66,360	93.5	97.0	86.5	91.9	96.4	100.7	2
A10390	79,015	66,088	93.5	97.0	86.5	91.9	96.4	100.7	2
A119206	78,975	66,360	93.5	97.0	86.4	91.9	96.4	100.7	2
A15563	78,244	66,360	93.6	97.0	86.2	91.8	96.4	100.7	2
A10062	78,244	65,317	93.6	97.0	86.2	91.8	96.3	100.7	2
A16209	78,000	66,360	93.6	97.0	86.1	91.8	96.4	100.7	2
A16588	77,999	65,317	93.6	97.0	86.1	91.8	96.3	100.7	2
A122427	77,990	65,317	93.6	97.0	86.1	91.8	96.3	100.7	2
A16457	77,904	66,360	93.6	97.0	86.1	91.8	96.4	100.7	2
A15565	77,000	66,360	93.6	96.9	85.7	91.7	96.4	100.7	2

¹ See Note 1. /continued on next page



Page 120 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3

AFM Option Code <9864W> (Recertification to Chapter 4, Winglets) 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 **Edition 3 / Amendment 7** Chapter¹

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
A122296	76,999	66,360	93.6	96.9	85.7	91.7	96.4	100.7	2
A122297	76,999	65,317	93.6	96.9	85.7	91.7	96.3	100.7	2
A119807	76,975	66,360	93.6	96.9	85.7	91.7	96.4	100.6	2
A16587	75,999	65,317	93.7	96.9	85.4	91.6	96.3	100.6	2
A122822	75,976	65,317	93.7	96.9	85.4	91.6	96.3	100.6	2
A121235	75,975	66,360	93.7	96.9	85.4	91.6	96.4	100.6	2
A16641	74,990	65,317	93.7	96.8	85.1	91.6	96.3	100.6	2
A119429	74,975	66,360	93.7	96.8	85.0	91.6	96.4	100.6	2
A10391	74,389	62,595	93.8	96.8	84.8	91.5	96.1	100.5	2
A119016	73,999	66,360	93.8	96.8	84.7	91.5	96.4	100.5	2

¹ See Note 1. /continued on next page



Page 121 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3

AFM Option Code <9864W> (Recertification to Chapter 4, Winglets) 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 **Edition 3 / Amendment 7** Chapter¹

FACA	Maximum	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	
A119043	73,999	65,317	93.8	96.8	84.7	91.5	96.3	100.5	2	
A122357	71,990	65,317	93.9	96.7	84.0	91.3	96.3	100.4	2	
A121228	70,533	65,317	93.9	96.6	83.5	91.2	96.3	100.4	2	
A10392	70,533	58,967	93.9	96.6	83.5	91.2	95.8	100.4	2	
A120664	68,999	66,360	94.0	96.5	82.9	91.1	96.4	100.3	2	
A120663	68,999	65,317	94.0	96.5	82.9	91.1	96.3	100.3	2	
A121995	66,990	65,317	94.1	96.4	82.2	90.9	96.3	100.2	2	
A10393	65,317	55,338	94.2	96.3	81.6	90.8	95.5	100.1	2	

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3

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

AFM Option Code <986WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

Page 122 of 289

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 / Amendment 5 Chapter¹ 4

FACA	Maximu	ım Mass	Latera	I EPNL	Flyove	er EPNL	Approa	ch EPNL	See
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A120570	77,110	66,360	93.7	96.9	85.7	91.7	96.4	100.7	2
A10058	77,000	65,317	93.7	96.9	85.6	91.7	96.3	100.7	2
A10059	76,000	65,317	93.7	96.9	85.3	91.6	96.3	100.6	2
A122027	75,976	65,317	93.7	96.9	85.3	91.6	96.3	100.6	2
A121239	75,000	66,360	93.8	96.8	84.9	91.6	96.4	100.6	2
A121720	71,990	65,317	93.9	96.7	83.9	91.3	96.3	100.4	2
A121714	66,990	65,317	94.2	96.4	82.1	90.9	96.3	100.2	2

¹ See Note 1.



Page 123 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3

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

certificated noise levels¹

AFM Option Code <986WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

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

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
A10595	79,015	66,360	93.6	97.0	86.4	91.9	96.4	100.7	2
A10596	79,015	66,088	93.6	97.0	86.4	91.9	96.4	100.7	2
A122361	79,015	65,317	93.6	97.0	86.4	91.9	96.3	100.7	2
A16160	79,000	66,360	93.6	97.0	86.4	91.9	96.4	100.7	2
A14417	78,999	66,360	93.6	97.0	86.4	91.9	96.4	100.7	2
A15561	78,999	65,317	93.6	97.0	86.4	91.9	96.3	100.7	2
A122790	78,993	65,317	93.6	97.0	86.4	91.9	96.3	100.7	2
A10597	78,244	65,317	93.6	97.0	86.1	91.8	96.3	100.7	2
A120650	78,017	65,317	93.7	97.0	86.0	91.8	96.3	100.7	2
A16607	77,999	65,317	93.7	97.0	86.0	91.8	96.3	100.7	2

¹ See Note 1. /continued on next page



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3

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

certificated noise levels¹

AFM Option Code <986WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

Page 124 of 289

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

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
A121723	77,990	65,317	93.7	97.0	86.0	91.8	96.3	100.7	2
A122636	77,201	65,317	93.7	96.9	85.7	91.7	96.3	100.7	2
A10598	74,389	62,595	93.8	96.8	84.7	91.5	96.1	100.5	2
A119015	73,999	66,360	93.8	96.8	84.6	91.5	96.4	100.5	2
A121226	72,499	65,317	93.9	96.7	84.1	91.4	96.3	100.4	2
A17293	72,000	66,360	93.9	96.7	83.9	91.3	96.4	100.4	2
A122718	70,987	65,770	94.0	96.6	83.5	91.3	96.4	100.4	2
A10599	70,533	58,967	94.0	96.6	83.4	91.2	95.8	100.4	2
A121717	69,990	65,317	94.0	96.6	83.2	91.2	96.3	100.3	2
A10600	65,317	55,338	94.3	96.3	81.5	90.8	95.4	100.1	2

¹ See Note 1. /continued on next page



Issue: 22

Page 125 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ **CFM56-7B26/3**

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

certificated noise levels¹

AFM Option Code <986WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

FASA	Maximum 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
A119423	63,999	55,338	94.3	96.2	80.9	90.7	95.4	100.0	2

¹ See Note 1.



Page 126 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3

Additional modifications essential to meet the requirements or needed to attain the AFM Option Code <986WS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

certificated noise levels¹

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

FACA	Maximum	Mass	Lateral	EPNL	Flyover	EPNL	Approa	ch EPNL	Con
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A13955	79,015	66,360	93.6	97.0	86.4	91.9	96.3	100.7	2
A13956	79,015	66,088	93.6	97.0	86.4	91.9	96.3	100.7	2
A13957	79,015	65,317	93.6	97.0	86.4	91.9	96.2	100.7	2
A13958	78,244	65,317	93.6	97.0	86.1	91.8	96.2	100.7	2
A120654	74,995	66,360	93.8	96.8	85.0	91.6	96.3	100.6	2
A121214	74,995	65,317	93.8	96.8	85.0	91.6	96.2	100.6	2
A13959	74,389	62,595	93.8	96.8	84.7	91.5	96.0	100.5	2
A122717	70,987	65,770	94.0	96.6	83.5	91.3	96.2	100.4	2
A13960	70,533	58,967	94.0	96.6	83.4	91.2	95.7	100.4	2
A13961	65,317	55,338	94.3	96.3	81.5	90.8	95.3	100.1	2

¹ See Note 1. /continued on next page



Issue: 22

Page 127 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ **CFM56-7B26/3**

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

certificated noise levels¹

AFM Option Code <986WS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

EASA	Maximum	Maximum Mass		Lateral EPNL		Flyover EPNL		ch EPNL	500
Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A119426	63,999	55,338	94.3	96.2	80.9	90.7	95.3	100.0	2

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3

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

certificated noise levels¹

Short field performance option

Page 128 of 289

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

EASA	Maximu	ım Mass	Latera	l EPNL	Flyove	er EPNL	Approa	ch EPNL	Coo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A8442	79,015	66,360	93.8	97.0	87.4	91.9	96.5	100.7	-
A8443	79,015	66,088	93.8	97.0	87.4	91.9	96.4	100.7	-
A8444	78,244	65,317	93.8	97.0	87.2	91.8	96.3	100.7	-
A8445	74,389	62,595	94.0	96.8	85.8	91.5	96.1	100.5	-
A8446	70,533	58,967	94.2	96.6	84.5	91.2	95.8	100.4	-
A8447	65,317	55,338	94.5	96.3	82.6	90.8	95.5	100.1	-

¹ See Note 1.



Page 129 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3

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

certificated noise levels¹

Short field performance option, Winglets

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

FACA	Maximum	Mass	Lateral	EPNL	Flyover	EPNL	Approac	ch EPNL	Con
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122766	79,000	66,360	93.9	97.0	86.4	91.9	96.3	100.7	2
A8466	79,015	66,360	93.9	97.0	86.4	91.9	96.3	100.7	2
A8467	79,015	66,088	93.9	97.0	86.4	91.9	96.3	100.7	2
A120181	78,999	66,360	93.9	97.0	86.4	91.9	96.3	100.7	2
A121361	78,975	66,360	93.9	97.0	86.4	91.9	96.3	100.7	2
A8468	78,244	65,317	93.9	97.0	86.1	91.8	96.2	100.7	2
A122269	77,110	66,360	94.0	96.9	85.7	91.7	96.3	100.7	2
A8469	74,389	62,595	94.1	96.8	84.8	91.5	96.0	100.5	2
A8470	70,533	58,967	94.3	96.6	83.5	91.2	95.7	100.4	2
A8471	65,317	55,338	94.6	96.3	81.6	90.8	95.3	100.1	2

¹ See Note 1.

/continued on next page

Issue: 22

Page 130 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ **CFM56-7B26/3**

Additional modifications essential to meet the requirements or needed to attain the Short field performance option, Winglets

certificated noise levels¹

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

EASA	Maximum	Maximum Mass		Lateral EPNL		Flyover EPNL		ch EPNL	Soo
Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A119421	63,999	55,338	94.7	96.2	81.1	90.7	95.3	100.0	2

¹ See Note 1.



Page 131 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3

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

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-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122627	70,987	66,360	94.2	96.6	83.6	91.3	96.3	100.4	2
A8422	79,015	66,360	93.8	97.0	86.4	91.9	96.3	100.7	2
A122224	79,015	66,224	93.8	97.0	86.4	91.9	96.3	100.7	2
A122752	79,015	65,770	93.8	97.0	86.4	91.9	96.3	100.7	2
A16456	79,015	65,317	93.8	97.0	86.4	91.9	96.3	100.7	2
A15890	78,999	66,360	93.8	97.0	86.4	91.9	96.3	100.7	2
A9784	78,999	65,770	93.8	97.0	86.4	91.9	96.3	100.7	2
A10648	78,999	65,317	93.8	97.0	86.4	91.9	96.3	100.7	2
A121363	78,975	66,360	93.8	97.0	86.4	91.9	96.3	100.7	2
A6564	78,244	65,317	93.8	97.0	86.2	91.8	96.3	100.7	2

¹ See Note 1. /continued on next page



Page 132 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3

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

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-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10680	77,904	66,360	93.8	97.0	86.1	91.8	96.3	100.7	2
A16600	77,000	66,360	93.9	96.9	85.7	91.7	96.3	100.7	2
A122374	77,000	65,317	93.9	96.9	85.8	91.7	96.3	100.7	2
A122230	76,999	66,360	93.9	96.9	85.8	91.7	96.3	100.7	2
A122231	76,999	65,317	93.9	96.9	85.8	91.7	96.3	100.7	2
A119045	76,975	66,360	93.9	96.9	85.7	91.7	96.3	100.6	2
A122163	75,975	66,360	93.9	96.9	85.4	91.6	96.3	100.6	2
A119433	74,975	66,360	94.0	96.8	85.0	91.6	96.3	100.6	2
A8423	74,389	62,595	94.0	96.8	84.8	91.5	96.1	100.5	2
A17487	73,999	66,360	94.0	96.8	84.7	91.5	96.3	100.5	2

¹ See Note 1.

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/continued on next page

Issue: 22

Page 133 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3

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

certificated noise levels¹

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

FACA	Maximum	Mass	Lateral	EPNL	Flyover	EPNL	Approac	ch EPNL	- See	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A13030	73,999	65,770	94.0	96.8	84.7	91.5	96.3	100.5	2	
A121243	73,999	65,317	94.0	96.8	84.7	91.5	96.3	100.5	2	
A120950	70,533	65,317	94.2	96.6	83.5	91.2	96.3	100.4	2	
A120661	68,999	66,360	94.3	96.5	83.0	91.1	96.3	100.3	2	
A8425	65,317	55,338	94.5	96.3	81.6	90.8	95.4	100.1	2	
A119416	63,999	55,338	94.6	96.2	81.2	90.7	95.4	100.0	2	

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3, CFM56-7B26E

Additional modifications essential to meet the requirements or needed to attain the **Engine intermix**

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		Soo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121054	78,999	66,360	93.8	97.0	87.4	91.9	96.5	100.7	-
A122576	74,999	66,360	94.0	96.8	86.0	91.6	96.5	100.6	-

¹ See Note 1.



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Page 134 of 289

Issue: 22

Page 135 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3, CFM56-7B26E

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

Chapter 4)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Can
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122309	76,999	66,360	93.6	96.9	86.6	91.7	96.5	100.7	-

¹ See Note 1.



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Engine intermix, AFM Option Code <9864> (Recertification to

Issue: 22

Page 136 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3, CFM56-7B26E

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

Engine intermix, AFM Option Code <9864W> (Recertification to Chapter 4, Winglets)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122315	70,000	65,317	94.0	96.6	83.3	91.2	96.3	100.3	2

¹ See Note 1.



Page 137 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3, CFM56-7B26E

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

Engine intermix, AFM Option Code <9864W> (Recertification to Chapter 4, Winglets)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soo	
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A122426	77,990	65,317	93.6	97.0	86.1	91.8	96.3	100.7	2	
A122302	76,999	66,360	93.6	96.9	85.7	91.7	96.4	100.7	2	
A122305	76,999	65,317	93.6	96.9	85.7	91.7	96.3	100.7	2	
A122637	71,990	65,317	93.9	96.7	84.0	91.3	96.3	100.4	2	

¹ See Note 1.



Page 138 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3, CFM56-7B26E

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

certificated noise levels¹

Engine intermix, AFM Option Code <986WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approa	Soo	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122430	79,015	66,360	93.6	97.0	86.4	91.9	96.4	100.7	2
A122020	78,999	66,360	93.6	97.0	86.4	91.9	96.4	100.7	2
A122588	77,990	65,317	93.7	97.0	86.0	91.8	96.3	100.7	2
A122819	72,000	66,360	93.9	96.7	83.9	91.3	96.4	100.4	2

¹ See Note 1.



Page 139 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3, CFM56-7B26E

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

Engine intermix, Short field performance option, Winglets

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

EASA -	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		°00
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121642	78,999	66,360	93.9	97.0	86.4	91.9	96.3	100.7	2

¹ See Note 1.



Page 140 of 289 Issue: 22 Date: 04 March 2024

Edition 3 / Amendment 7

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Edition / Amendment

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3F

AFM Option Code <9864> (Recertification to Chapter 4) Additional modifications essential to meet the requirements or needed to attain the

ICAO Annex 16, Volume I

certificated noise levels¹

Noise Certification Basis

FASA	Maximu	um Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		Coo	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A10317	79,015	66,360	93.5	97.0	87.3	91.9	96.5	100.7	-	
A10318	79,015	66,088	93.5	97.0	87.3	91.9	96.5	100.7	-	
A10319	78,244	65,317	93.6	97.0	87.1	91.8	96.5	100.7	-	
A10320	74,389	62,595	93.8	96.8	85.7	91.5	96.3	100.5	-	
A10321	70,533	58,967	93.9	96.6	84.3	91.2	96.0	100.4	-	
A10322	65,317	55,338	94.2	96.3	82.4	90.8	95.6	100.1	-	

¹ See Note 1.



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Chapter¹

Page 141 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3F

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

AFM Option Code <9864S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

FACA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approa	See	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A10456	79,015	66,360	93.5	97.0	87.3	91.9	96.6	100.7	-
A10457	79,015	66,088	93.5	97.0	87.3	91.9	96.6	100.7	-
A10458	78,244	65,317	93.6	97.0	87.1	91.8	96.5	100.7	-
A10459	74,389	62,595	93.8	96.8	85.7	91.5	96.3	100.5	-
A10460	70,533	58,967	93.9	96.6	84.3	91.2	96.0	100.4	-
A10461	65,317	55,338	94.2	96.3	82.4	90.8	95.7	100.1	-

¹ See Note 1.



Page 142 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3F

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

AFM Option Code <9864S2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid)

EASA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Soo
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10522	79,015	66,360	93.5	97.0	87.3	91.9	96.5	100.7	-
A10523	79,015	66,088	93.5	97.0	87.3	91.9	96.4	100.7	-
A10524	78,244	65,317	93.6	97.0	87.1	91.8	96.3	100.7	-
A10525	74,389	62,595	93.8	96.8	85.7	91.5	96.1	100.5	-
A10526	70,533	58,967	93.9	96.6	84.3	91.2	95.8	100.4	-
A10527	65,317	55,338	94.2	96.3	82.4	90.8	95.5	100.1	-

¹ See Note 1.



Page 143 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3F

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

AFM Option Code <9864W> (Recertification to Chapter 4, Winglets)

FACA	Maximu	um Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		See
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A10394	79,015	66,360	93.5	97.0	86.5	91.9	96.4	100.7	2
A10395	79,015	66,088	93.5	97.0	86.5	91.9	96.4	100.7	2
A10396	78,244	65,317	93.6	97.0	86.2	91.8	96.3	100.7	2
A16642	74,990	65,317	93.7	96.8	85.1	91.6	96.3	100.6	2
A10397	74,389	62,595	93.8	96.8	84.8	91.5	96.1	100.5	2
A10398	70,533	58,967	93.9	96.6	83.5	91.2	95.8	100.4	2
A10399	65,317	55,338	94.2	96.3	81.6	90.8	95.5	100.1	2

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3F

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

AFM Option Code <986WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

Page 144 of 289

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 / Amendment 5 Chapter¹ 4

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soo
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121721	71,990	65,317	93.9	96.7	83.9	91.3	96.3	100.4	2
A121715	66,990	65,317	94.2	96.4	82.1	90.9	96.3	100.2	2

¹ See Note 1.



Noise Certification Basis

Issue: 22

Date: 04 March 2024

Edition 3 / Amendment 7

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Edition / Amendment

94.3

94.3

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3F

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

ICAO Annex 16, Volume I

55,338

55,338

AFM Option Code <986WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

Chapter¹

95.4

95.4

4

100.1

100.0

2

2

Page 145 of 289

Maximum Mass Lateral EPNL Flyover EPNL Approach EPNL EASA See Take-off¹ Landing Record No. Note Level¹ Level1 Level¹ Limit Limit Limit (kg) (kg) A10601 79,015 66,360 93.6 97.0 86.4 91.9 96.4 100.7 2 A10602 79,015 66,088 93.6 97.0 86.4 91.9 96.4 100.7 2 78,244 93.6 97.0 86.1 91.8 96.3 100.7 2 A10603 65,317 A121724 77,990 93.7 97.0 86.0 91.8 96.3 100.7 2 65,317 A10604 74,389 62,595 93.8 96.8 84.7 91.5 96.1 100.5 2 A17294 72,000 66,360 93.9 96.7 83.9 91.3 96.4 100.4 2 2 94.0 96.6 83.4 91.2 95.8 A10605 70,533 58,967 100.4 A121718 69,990 65,317 94.0 96.6 83.2 91.2 96.3 100.3 2

96.3

96.2

81.5

80.9

¹ See Note 1.



A10606

A119424

65,317

63,999

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90.8

90.7

Issue: 22

Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26/3F

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

AFM Option Code <986WS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

Page 146 of 289

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

FACA	Maximu	ım Mass	Latera	Lateral EPNL		Flyover EPNL		Approach EPNL	
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A13962	79,015	66,360	93.6	97.0	86.4	91.9	96.3	100.7	2
A13963	79,015	66,088	93.6	97.0	86.4	91.9	96.3	100.7	2
A13964	79,015	65,317	93.6	97.0	86.4	91.9	96.2	100.7	2
A13965	78,244	65,317	93.6	97.0	86.1	91.8	96.2	100.7	2
A13966	74,389	62,595	93.8	96.8	84.7	91.5	96.0	100.5	2
A13967	70,533	58,967	94.0	96.6	83.4	91.2	95.7	100.4	2
A13968	65,317	55,338	94.3	96.3	81.5	90.8	95.3	100.1	2
A119427	63,999	55,338	94.3	96.2	80.9	90.7	95.3	100.0	2

¹ See Note 1.



Issue: 22

Page 147 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B26/3F

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

certificated noise levels1

Winglets

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

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		S 0 0
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16603	77,000	66,360	93.9	96.9	85.7	91.7	96.3	100.7	2

¹ See Note 1.



Issue: 22

Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26E

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	Lateral EPNL		Flyover EPNL		Approach EPNL	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16371	79,015	66,360	93.8	97.0	87.4	91.9	96.5	100.7	-
A121325	79,015	65,317	93.8	97.0	87.4	91.9	96.4	100.7	-
A121254	78,999	66,360	93.8	97.0	87.4	91.9	96.5	100.7	-
A121063	76,999	66,360	93.9	96.9	86.7	91.7	96.5	100.7	-
A121064	76,999	65,317	93.9	96.9	86.7	91.7	96.4	100.7	-
A121326	76,997	65,317	93.9	96.9	86.7	91.7	96.4	100.7	-
A121061	74,999	66,360	94.0	96.8	86.0	91.6	96.5	100.6	-
A121065	74,999	65,317	94.0	96.8	86.0	91.6	96.4	100.6	-
A119413	63,999	55,338	94.6	96.2	82.1	90.7	95.6	100.0	-

¹ See Note 1.



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Page 148 of 289

Issue: 22

Page 149 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ **CFM56-7B26E**

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

AFM Option Code <9864> (Recertification to Chapter 4)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soo	
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A16362	79,015	66,360	93.5	97.0	87.3	91.9	96.5	100.7	-	

¹ See Note 1.



Noise Certification Basis

Issue: 22

Date: 04 March 2024

Edition 3 / Amendment 7

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26E

AFM Option Code <9864> (Recertification to Chapter 4) Additional modifications essential to meet the requirements or needed to attain the

Edition / Amendment

certificated noise levels1

ICAO Annex 16, Volume I

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		C
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121725	79,015	65,317	93.5	97.0	87.3	91.9	96.5	100.7	-
A121726	76,997	65,317	93.6	96.9	86.6	91.7	96.5	100.7	-
A120688	73,999	66,360	93.8	96.8	85.6	91.5	96.5	100.5	-

¹ See Note 1.



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Chapter¹

4

Page 150 of 289

Noise Certification Basis

Issue: 22

Page 151 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26E

Edition / Amendment

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

AFM Option Code <9864S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

Chapter¹

ICAO Annex 16, Volume I

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soo
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16363	79,015	66,360	93.5	97.0	87.3	91.9	96.6	100.7	-
A17877	78,999	65,317	93.5	97.0	87.3	91.9	96.5	100.7	-

Edition 3 / Amendment 7

¹ See Note 1.



Issue: 22

Page 152 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B26E

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

AFM Option Code <9864S2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid)

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

EASA		Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
Record No.		Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16365		79,015	66,360	93.5	97.0	87.3	91.9	96.5	100.7	-

¹ See Note 1.



Issue: 22

Page 153 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B26E

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

AFM Option Code <9864W> (Recertification to Chapter 4, Winglets)

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

Chapter¹ 4

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		°00
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122312	70,000	65,317	94.0	96.6	83.3	91.2	96.3	100.3	2

¹ See Note 1.



Issue: 22

Page 154 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Edition / Amendment

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26E

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

ICAO Annex 16, Volume I

AFM Option Code <9864W> (Recertification to Chapter 4, Winglets)

Chapter¹

certificated noise levels1

Noise Certification Basis

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122810	79,015	65,317	93.5	97.0	86.5	91.9	96.3	100.7	2

Edition 8 / Amendment 12

¹ See Note 1.



Page 155 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26E

AFM Option Code <9864W> (Recertification to Chapter 4, Winglets) 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 **Edition 3 / Amendment 7** Chapter¹

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
A16367	79,015	66,360	93.5	97.0	86.5	91.9	96.4	100.7	2
A120158	78,999	66,360	93.5	97.0	86.5	91.9	96.4	100.7	2
A119205	78,975	66,360	93.5	97.0	86.4	91.9	96.4	100.7	2
A16590	77,999	65,317	93.6	97.0	86.1	91.8	96.3	100.7	2
A119442	77,990	65,317	93.6	97.0	86.1	91.8	96.3	100.7	2
A122298	76,999	66,360	93.6	96.9	85.7	91.7	96.4	100.7	2
A122299	76,999	65,317	93.6	96.9	85.7	91.7	96.3	100.7	2
A120613	76,975	66,360	93.6	96.9	85.7	91.7	96.4	100.6	2
A16589	75,999	65,317	93.7	96.9	85.4	91.6	96.3	100.6	2
A121234	75,975	66,360	93.7	96.9	85.4	91.6	96.4	100.6	2

¹ See Note 1. /continued on next page



Issue: 22

Page 156 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26E

AFM Option Code <9864W> (Recertification to Chapter 4, Winglets) 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 **Edition 3 / Amendment 7** Chapter¹ 4

EASA	Maximum	n Mass	Lateral	Lateral EPNL		Flyover EPNL		ch EPNL	See	
Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A16643	74,990	65,317	93.7	96.8	85.1	91.6	96.3	100.6	2	
A120612	74,975	66,360	93.7	96.8	85.0	91.6	96.4	100.6	2	
A120760	73,999	66,360	93.8	96.8	84.7	91.5	96.4	100.5	2	
A121232	71,990	65,317	93.9	96.7	84.0	91.3	96.3	100.4	2	
A121245	70,999	66,360	93.9	96.6	83.6	91.3	96.4	100.4	2	
A120493	70,533	65,317	93.9	96.6	83.5	91.2	96.3	100.4	2	
A120492	69,990	65,317	94.0	96.6	83.3	91.2	96.3	100.3	2	
A120491	66,990	65,317	94.1	96.4	82.2	90.9	96.3	100.2	2	

¹ See Note 1.



Issue: 22

Page 157 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26E

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

AFM Option Code <986WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 / Amendment 5 Chapter¹ 4

EASA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		See	
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A121255	76,999	66,360	93.7	96.9	85.6	91.7	96.4	100.7	2	
A122562	76,997	65,317	93.7	96.9	85.6	91.7	96.3	100.7	2	
A121360	76,975	66,360	93.7	96.9	85.6	91.7	96.4	100.6	2	
A121607	75,975	66,360	93.7	96.9	85.3	91.6	96.4	100.6	2	
A121701	71,990	65,317	93.9	96.7	83.9	91.3	96.3	100.4	2	
A121702	66,990	65,317	94.2	96.4	82.1	90.9	96.3	100.2	2	

¹ See Note 1.



Page 158 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26E

Additional modifications essential to meet the requirements or needed to attain the AFM Option Code <986WS1> (Recertification to Chapter 4, Short

certificated noise levels¹ Field Performance option, 1-position tailskid, Winglets)

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

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
A122736	79,000	66,360	93.6	97.0	86.4	91.9	96.4	100.7	2
A16364	79,015	66,360	93.6	97.0	86.4	91.9	96.4	100.7	2
A119490	79,015	65,317	93.6	97.0	86.4	91.9	96.3	100.7	2
A17274	78,999	66,360	93.6	97.0	86.4	91.9	96.4	100.7	2
A119007	78,999	65,317	93.6	97.0	86.4	91.9	96.3	100.7	2
A121237	78,998	65,317	93.6	97.0	86.4	91.9	96.3	100.7	2
A120321	78,990	66,360	93.6	97.0	86.4	91.9	96.4	100.7	2
A121327	78,974	66,360	93.6	97.0	86.4	91.9	96.4	100.7	2
A16599	77,999	65,317	93.6	97.0	86.0	91.8	96.3	100.7	2
A121712	77,990	65,317	93.7	97.0	86.0	91.8	96.3	100.7	2

¹ See Note 1. /continued on next page



Issue: 22

Page 159 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26E

Additional modifications essential to meet the requirements or needed to attain the AFM Option Code <986WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

certificated noise levels¹

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

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
A121294	77,975	66,360	93.7	97.0	86.0	91.8	96.4	100.7	2
A120619	77,337	65,317	93.7	96.9	85.8	91.7	96.3	100.7	2
A122739	76,000	65,317	93.7	96.9	85.3	91.6	96.3	100.6	2
A122008	74,990	65,317	93.8	96.8	85.0	91.6	96.3	100.6	2
A121208	74,975	66,360	93.8	96.8	84.9	91.6	96.4	100.6	2
A121244	73,999	66,360	93.8	96.8	84.6	91.5	96.4	100.5	2
A17295	72,000	66,360	93.9	96.7	83.9	91.3	96.4	100.4	2
A121364	70,999	66,360	94.0	96.6	83.5	91.3	96.4	100.4	2

¹ See Note 1.



Issue: 22

Page 160 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26E

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

AFM Option Code <986WS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

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

FASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		500
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16366	79,015	66,360	93.6	97.0	86.4	91.9	96.3	100.7	2
A121213	74,995	65,317	93.8	96.8	85.0	91.6	96.2	100.6	2

¹ See Note 1.



Issue: 22

Page 161 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B26E

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

Short field performance option

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

EASA -	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soo
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16368	79,015	66,360	93.8	97.0	87.4	91.9	96.5	100.7	1

¹ See Note 1.



Issue: 22

Page 162 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ **CFM56-7B26E**

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

Short field performance option, Winglets

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

EASA -	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16369	79,015	66,360	93.9	97.0	86.4	91.9	96.3	100.7	2

¹ See Note 1.



Issue: 22

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B26E

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

certificated noise levels1

Winglets

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

FACA	Maximu	um Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16370	79,015	66,360	93.8	97.0	86.4	91.9	96.3	100.7	2
A17834	78,999	66,360	93.8	97.0	86.4	91.9	96.3	100.7	2
A16601	77,000	66,360	93.9	96.9	85.8	91.7	96.3	100.7	2
A121058	76,999	66,360	93.9	96.9	85.8	91.7	96.3	100.7	2
A121068	76,999	65,317	93.9	96.9	85.8	91.7	96.3	100.7	2
A120614	76,975	66,360	93.9	96.9	85.7	91.7	96.3	100.6	2
A121056	74,999	66,360	94.0	96.8	85.1	91.6	96.3	100.6	2
A121069	74,999	65,317	94.0	96.8	85.1	91.6	96.3	100.6	2
A120615	74,975	66,360	94.0	96.8	85.0	91.6	96.3	100.6	2

¹ See Note 1.



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Page 163 of 289

Date: 04 March 2024

Issue: 22

Page 164 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B26E, CFM56-7B26/3

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

Chapter 4, Winglets)

Engine intermix, AFM Option Code <9864W> (Recertification to

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

EASA -	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo	
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A122586	74,990	65,317	93.7	96.8	85.1	91.6	96.3	100.6	2	

¹ See Note 1.



Issue: 22

Page 165 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26E, CFM56-7B26/3

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

certificated noise levels1

Engine intermix, Winglets

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

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo	
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A121605	78,999	66,360	93.8	97.0	86.4	91.9	96.3	100.7	2	

¹ See Note 1.



Issue: 22

Page 166 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26E/F

AFM Option Code <9864> (Recertification to Chapter 4) Additional modifications essential to meet the requirements or needed to attain the

Edition / Amendment

93.5

ICAO Annex 16, Volume I

66,360

79,015

certificated noise levels1

Noise Certification Basis

A16377

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Caa
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note

97.0

Edition 3 / Amendment 7

91.9

87.3

¹ See Note 1.



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Chapter¹

96.5

4

100.7

Issue: 22

Page 167 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26E/F

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

AFM Option Code <9864S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

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

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo	
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A16378	79,015	66,360	93.5	97.0	87.3	91.9	96.6	100.7	-	

¹ See Note 1.



Issue: 22

Page 168 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26E/F

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

AFM Option Code <9864S2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid)

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

	EACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
Re	EASA ecord No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
Д	A16380	79,015	66,360	93.5	97.0	87.3	91.9	96.5	100.7	-

¹ See Note 1.



Issue: 22

Page 169 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26E/F

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

AFM Option Code <9864W> (Recertification to Chapter 4, Winglets)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		500
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16382	79,015	66,360	93.5	97.0	86.5	91.9	96.4	100.7	2
A16644	74,990	65,317	93.7	96.8	85.1	91.6	96.3	100.6	2

¹ See Note 1.



Issue: 22

Page 170 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26E/F

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

AFM Option Code <986WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		S 0 0
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16379	79,015	66,360	93.6	97.0	86.4	91.9	96.4	100.7	2
A17296	72,000	66,360	93.9	96.7	83.9	91.3	96.4	100.4	2

¹ See Note 1.



Page 171 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B26E/F

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

AFM Option Code <986WS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

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

FASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soc
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16381	79,015	66,360	93.6	97.0	86.4	91.9	96.3	100.7	2

¹ See Note 1.



Issue: 22

Page 172 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B26E/F

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

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 (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16602	77,000	66,360	93.9	96.9	85.7	91.7	96.3	100.7	2
A120283	74,990	66,360	94.0	96.8	85.0	91.6	96.3	100.6	2

¹ See Note 1.



Page 173 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27

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		C
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A1765	79,015	66,360	94.7	97.0	87.0	91.9	96.5	100.7	-
A1767	79,015	66,088	94.7	97.0	87.0	91.9	96.5	100.7	-
A16284	78,975	66,360	94.7	97.0	86.9	91.9	96.5	100.7	-
A1769	78,244	65,317	94.7	97.0	86.7	91.8	96.4	100.7	-
A16285	77,975	66,360	94.7	97.0	86.6	91.8	96.5	100.7	-
A16286	76,975	66,360	94.8	96.9	86.2	91.7	96.5	100.6	-
A16287	76,495	66,360	94.8	96.9	86.1	91.7	96.5	100.6	-
A16288	75,975	66,360	94.9	96.9	85.9	91.6	96.5	100.6	-
A16289	75,495	66,360	94.9	96.9	85.7	91.6	96.5	100.6	-
A16290	74,975	66,360	94.9	96.8	85.5	91.6	96.5	100.6	-

¹ See Note 1.

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/continued on next page



Issue: 22

Page 174 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27

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

ΓΛΩ	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	
A16291	74,495	66,360	94.9	96.8	85.4	91.5	96.5	100.5	-	
A1771	74,389	62,595	94.9	96.8	85.3	91.5	96.2	100.5	-	
A1773	70,533	58,967	95.2	96.6	84.1	91.2	95.9	100.4	-	
A1775	65,317	55,338	95.5	96.3	82.3	90.8	95.6	100.1	-	

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27

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

AFM Option Code <9874> (Recertification to Chapter 4)

Page 175 of 289

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

EASA	Maximu	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A2865	79,015	66,360	94.4	97.0	86.9	91.9	96.5	100.7	-
A2864	79,015	66,088	94.4	97.0	86.9	91.9	96.5	100.7	-
A2863	78,244	65,317	94.4	97.0	86.6	91.8	96.5	100.7	-
A2862	74,389	62,595	94.6	96.8	85.2	91.5	96.3	100.5	-
A2861	70,533	58,967	94.8	96.6	83.9	91.2	96.0	100.4	-
A2860	65,317	55,338	95.1	96.3	82.1	90.8	95.6	100.1	-

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27

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

AFM Option Code <9874S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

Page 176 of 289

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

FACA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		Soc
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A1250	79,015	66,360	94.4	97.0	86.9	91.9	96.6	100.7	-
A1251	79,015	66,088	94.4	97.0	86.9	91.9	96.6	100.7	-
A1252	78,244	65,317	94.4	97.0	86.6	91.8	96.5	100.7	-
A1253	74,389	62,595	94.6	96.8	85.2	91.5	96.3	100.5	-
A1254	70,533	58,967	94.8	96.6	83.9	91.2	96.0	100.4	-
A1255	65,317	55,338	95.1	96.3	82.1	90.8	95.7	100.1	-

¹ See Note 1.



Issue: 22

Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27

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

AFM Option Code <9874S2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid)

Page 177 of 289

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

FACA	Maximu	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A1244	79,015	66,360	94.4	97.0	86.9	91.9	96.5	100.7	-	
A1245	79,015	66,088	94.4	97.0	86.9	91.9	96.4	100.7	-	
A1246	78,244	65,317	94.4	97.0	86.6	91.8	96.3	100.7	-	
A1247	74,389	62,595	94.6	96.8	85.2	91.5	96.1	100.5	-	
A1248	70,533	58,967	94.8	96.6	83.9	91.2	95.8	100.4	-	
A1249	65,317	55,338	95.1	96.3	82.1	90.8	95.5	100.1	-	

¹ See Note 1.



Page 178 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27

Additional modifications essential to meet the requirements or needed to attain the AFM Option Code <9874W> (Recertification to Chapter 4, Winglets)

certificated noise levels¹

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

FASA	Maximum	Mass	Lateral	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	
A2881	79,015	66,360	94.4	97.0	86.0	91.9	96.4	100.7	2	
A2880	79,015	66,088	94.4	97.0	86.0	91.9	96.4	100.7	2	
A15213	79,000	66,360	94.4	97.0	86.0	91.9	96.4	100.7	2	
A16266	78,975	66,360	94.4	97.0	86.0	91.9	96.4	100.7	2	
A119011	78,244	66,360	94.4	97.0	85.7	91.8	96.4	100.7	2	
A2879	78,244	65,317	94.4	97.0	85.7	91.8	96.3	100.7	2	
A16267	77,975	66,360	94.5	97.0	85.6	91.8	96.4	100.7	2	
A16268	76,975	66,360	94.5	96.9	85.3	91.7	96.4	100.6	2	
A16269	76,495	66,360	94.5	96.9	85.1	91.7	96.4	100.6	2	
A16270	75,975	66,360	94.6	96.9	85.0	91.6	96.4	100.6	2	

¹ See Note 1. /continued on next page



Page 179 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27

AFM Option Code <9874W> (Recertification to Chapter 4, Winglets) 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 Edition 3 / Amendment 7 Chapter¹

EASA	Maximum	Maximum Mass		Lateral EPNL		Flyover EPNL		ch EPNL	Soc	
Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A16271	75,495	66,360	94.6	96.9	84.8	91.6	96.4	100.6	2	
A16272	74,975	66,360	94.6	96.8	84.6	91.6	96.4	100.6	2	
A16273	74,495	66,360	94.6	96.8	84.4	91.5	96.4	100.5	2	
A2873	74,389	62,595	94.6	96.8	84.4	91.5	96.1	100.5	2	
A2869	70,533	58,967	94.8	96.6	83.1	91.2	95.8	100.4	2	
A2868	65,317	55,338	95.1	96.3	81.3	90.8	95.5	100.1	2	

¹ See Note 1.



Issue: 22

Page 180 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27

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

AFM Option Code <987WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 / Amendment 5 Chapter¹ 4

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A8948	79,015	65,317	94.5	97.0	85.9	91.9	96.3	100.7	2

¹ See Note 1.



Page 181 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27

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

AFM Option Code <987WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

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

FACA	Maximu	ım Mass	Latera	Lateral EPNL		Flyover EPNL		Approach EPNL		
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A904	79,015	66,360	94.5	97.0	85.9	91.9	96.4	100.7	2	
A905	79,015	66,088	94.5	97.0	85.9	91.9	96.4	100.7	2	
A906	78,244	65,317	94.5	97.0	85.7	91.8	96.3	100.7	2	
A907	74,389	62,595	94.7	96.8	84.3	91.5	96.1	100.5	2	
A908	70,533	58,967	94.9	96.6	83.0	91.2	95.8	100.4	2	
A909	65,317	55,338	95.2	96.3	81.2	90.8	95.4	100.1	2	

¹ See Note 1.



Issue: 22

Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27

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

AFM Option Code <987WS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

Page 182 of 289

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Coo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A843	79,015	66,360	94.5	97.0	85.9	91.9	96.3	100.7	2
A844	79,015	66,088	94.5	97.0	85.9	91.9	96.3	100.7	2
A8927	79,015	65,317	94.5	97.0	85.9	91.9	96.2	100.7	2
A860	78,244	65,317	94.5	97.0	85.7	91.8	96.2	100.7	2
A861	74,389	62,595	94.7	96.8	84.3	91.5	96.0	100.5	2
A862	70,533	58,967	94.9	96.6	83.0	91.2	95.7	100.4	2
A863	65,317	55,338	95.2	96.3	81.2	90.8	95.3	100.1	2

¹ See Note 1.



Issue: 22

Page 183 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹

CFM56-7B27

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

Engines de-rated to CFM56-7B26 thrust rating, Winglets, MTOW reduction in accordance with CAA-NL AFM supplement 27

Noise Certification Basis

ICAO Annex 16, Volume I

Edition / Amendment

Chapter¹

3

EACA	ASA Maximum Mass		Latera	Lateral EPNL		Flyover EPNL		Approach EPNL	
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A6734	78,975	66,360	93.8	97.0	86.4	91.9	96.3	100.7	2
A9139	77,975	65,770	93.8	97.0	86.2	91.8	96.3	100.7	2

¹ See Note 1.



Page 184 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27

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

certificated noise levels¹

Short field performance option

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

FACA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		See
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A1000	79,015	66,360	94.7	97.0	87.0	91.9	96.5	100.7	-
A1001	79,015	66,088	94.7	97.0	87.0	91.9	96.4	100.7	-
A1007	78,244	65,317	94.7	97.0	86.7	91.8	96.3	100.7	-
A1008	74,389	62,595	94.9	96.8	85.4	91.5	96.1	100.5	-
A1009	70,533	58,967	95.1	96.6	84.1	91.2	95.8	100.4	-
A1010	65,317	55,338	95.4	96.3	82.3	90.8	95.5	100.1	-

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27

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

Short field performance option, Winglets

Page 185 of 289

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

FACA	Maximu	um Mass	Latera	l EPNL	Flyover EPNL		Approach EPNL		See
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A189	79,015	66,360	94.7	97.0	85.9	91.9	96.3	100.7	2
A190	79,015	66,088	94.7	97.0	85.9	91.9	96.3	100.7	2
A10633	79,015	65,317	94.7	97.0	85.9	91.9	96.2	100.7	2
A191	78,244	65,317	94.8	97.0	85.7	91.8	96.2	100.7	2
A192	74,389	62,595	95.0	96.8	84.4	91.5	96.0	100.5	2
A202	70,533	58,967	95.2	96.6	83.1	91.2	95.7	100.4	2
A256	65,317	55,338	95.5	96.3	81.3	90.8	95.3	100.1	2

¹ See Note 1.



Page 186 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27

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

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
A1766	79,015	66,360	94.7	97.0	86.0	91.9	96.3	100.7	2
A1768	79,015	66,088	94.7	97.0	86.0	91.9	96.3	100.7	2
A10631	78,999	66,360	94.7	97.0	86.0	91.9	96.3	100.7	2
A10632	78,999	65,317	94.7	97.0	86.0	91.9	96.3	100.7	2
A16248	78,975	66,360	94.7	97.0	86.0	91.9	96.3	100.7	2
A1770	78,244	65,317	94.7	97.0	85.7	91.8	96.3	100.7	2
A8990	77,997	65,317	94.7	97.0	85.6	91.8	96.3	100.7	2
A16249	77,975	66,360	94.7	97.0	85.6	91.8	96.3	100.7	2
A16250	76,975	66,360	94.8	96.9	85.3	91.7	96.3	100.6	2
A16251	76,495	66,360	94.8	96.9	85.1	91.7	96.3	100.6	2

¹ See Note 1.

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/continued on next page



Issue: 22

Page 187 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27

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

certificated noise levels¹

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

EASA	Maximum	Mass	Lateral	EPNL	Flyover	EPNL	Approa	ch EPNL	Soo
Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16252	75,975	66,360	94.8	96.9	85.0	91.6	96.3	100.6	2
A16253	75,495	66,360	94.8	96.9	84.8	91.6	96.3	100.6	2
A16254	74,975	66,360	94.9	96.8	84.6	91.6	96.3	100.6	2
A16255	74,495	66,360	94.9	96.8	84.5	91.5	96.3	100.5	2
A1772	74,389	62,595	94.9	96.8	84.4	91.5	96.1	100.5	2
A1774	70,533	58,967	95.1	96.6	83.2	91.2	95.8	100.4	2
A1776	65,317	55,338	95.4	96.3	81.4	90.8	95.4	100.1	2

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B27, CFM56-7B27/2

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

certificated noise levels¹

Engine intermix

Page 188 of 289

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyover EPNL		Approach EPNL		See
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A1777	79,015	66,360	94.3	97.0	86.6	91.9	96.6	100.7	-
A1779	79,015	66,088	94.3	97.0	86.6	91.9	96.6	100.7	-
A1781	78,244	65,317	94.4	97.0	86.3	91.8	96.6	100.7	-
A1783	74,389	62,595	94.6	96.8	85.0	91.5	96.4	100.5	-
A1785	70,533	58,967	94.8	96.6	83.7	91.2	96.1	100.4	-
A1787	65,317	55,338	95.1	96.3	81.9	90.8	95.8	100.1	-

¹ See Note 1.



Page 189 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27, CFM56-7B27/2

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

Chapter 4)

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approach EPNL		Cara
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A17677	79,015	66,360	93.2	97.0	87.0	91.9	96.7	100.7	-
A17678	79,015	66,088	93.2	97.0	87.0	91.9	96.7	100.7	-
A17679	78,244	65,317	93.2	97.0	86.7	91.8	96.6	100.7	-
A17680	74,389	62,595	93.4	96.8	85.4	91.5	96.4	100.5	-
A17681	70,533	58,967	93.6	96.6	84.0	91.2	96.1	100.4	-
A17682	65,317	55,338	93.9	96.3	82.0	90.8	95.8	100.1	-

¹ See Note 1.



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Engine intermix, AFM Option Code <E827> (Recertification to

Page 190 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27, CFM56-7B27/2

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

Engine intermix, AFM Option Code <E827W> (Recertification to Chapter 4, Winglets)

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

FACA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approa	See	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A17725	79,015	66,360	94.0	97.0	85.6	91.9	96.6	100.7	2
A17726	79,015	66,088	94.0	97.0	85.6	91.9	96.6	100.7	2
A17727	78,244	65,317	94.1	97.0	85.4	91.8	96.5	100.7	2
A17728	74,389	62,595	94.3	96.8	84.0	91.5	96.3	100.5	2
A17729	70,533	58,967	94.5	96.6	82.7	91.2	96.0	100.4	2
A17730	65,317	55,338	94.7	96.3	80.9	90.8	95.6	100.1	2

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27, CFM56-7B27/2

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

Engine intermix, Winglets

Page 191 of 289

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

FACA	Maximu	um Mass	Latera	Lateral EPNL		Flyover EPNL		Approach EPNL	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A1778	79,015	66,360	94.3	97.0	85.6	91.9	96.5	100.7	2
A1780	79,015	66,088	94.3	97.0	85.6	91.9	96.5	100.7	2
A1782	78,244	65,317	94.3	97.0	85.3	91.8	96.4	100.7	2
A16473	77,997	65,317	94.3	97.0	85.2	91.8	96.4	100.7	2
A1784	74,389	62,595	94.6	96.8	84.1	91.5	96.2	100.5	2
A1786	70,533	58,967	94.8	96.6	82.8	91.2	95.9	100.4	2
A1788	65,317	55,338	95.1	96.3	81.0	90.8	95.6	100.1	2

¹ See Note 1.



Issue: 22

Page 192 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B27, CFM56-7B27/3

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

Engine intermix, AFM Option Code <987WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

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

FASA	Maximum Mass EASA		Lateral EPNL		Flyover EPNL		Approach EPNL		Soo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A119014	79,015	66,360	94.5	97.0	85.9	91.9	96.4	100.7	2
A122823	78,999	66,360	94.5	97.0	85.9	91.9	96.4	100.7	2

¹ See Note 1.



Issue: 22

Page 193 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B27, CFM56-7B27/3

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

certificated noise levels¹

Engine intermix, AFM Option Code <987WS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

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

FACA	Maximu	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122795	79,015	66,360	94.5	97.0	85.9	91.9	96.3	100.7	2

¹ See Note 1.



Issue: 22

Page 194 of 289
Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B27, CFM56-7B27/3

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

certificated noise levels¹

Engine intermix, Winglets

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

FACA	Maximu	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A122764	79,015	66,360	94.7	97.0	86.0	91.9	96.3	100.7	2

¹ See Note 1.



Issue: 22

Page 195 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B27, CFM56-7B27E

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

certificated noise levels¹

Engine intermix, AFM Option Code <987WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 / Amendment 5 Chapter¹ 4

EASA	Maximu	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A120611	79,015	66,360	94.5	97.0	85.9	91.9	96.4	100.7	2

¹ See Note 1.



Issue: 22

Page 196 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B27, CFM56-7B27E

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

Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

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

FACA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		Cara
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121298	78,999	65,317	94.5	97.0	85.9	91.9	96.3	100.7	2

¹ See Note 1.



Engine intermix, AFM Option Code <987WS1> (Recertification to

Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/2

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	um Mass	Latera	l EPNL	Flyove	er EPNL	Approa	ch EPNL	Coo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A1789	79,015	66,360	93.9	97.0	86.1	91.9	96.8	100.7	-
A1791	79,015	66,088	93.9	97.0	86.1	91.9	96.8	100.7	-
A1793	78,244	65,317	94.0	97.0	85.9	91.8	96.8	100.7	-
A1795	74,389	62,595	94.2	96.8	84.5	91.5	96.5	100.5	-
A1797	70,533	58,967	94.4	96.6	83.2	91.2	96.2	100.4	-
A1799	65,317	55,338	94.7	96.3	81.4	90.8	95.9	100.1	-

¹ See Note 1.



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Page 197 of 289

Page 198 of 289 Issue: 22 Date: 04 March 2024

Edition 3 / Amendment 7

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/2

AFM Option Code <E827> (Recertification to Chapter 4) Additional modifications essential to meet the requirements or needed to attain the

Edition / Amendment

ICAO Annex 16, Volume I

certificated noise levels¹

Noise Certification Basis

FASA	Maximu	um Mass	Latera	I EPNL	Flyover EPNL		Approach EPNL		See	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A17671	79,015	66,360	93.6	97.0	86.0	91.9	96.9	100.7	-	
A17672	79,015	66,088	93.6	97.0	86.0	91.9	96.9	100.7	-	
A17673	78,244	65,317	93.7	97.0	85.8	91.8	96.8	100.7	-	
A17674	74,389	62,595	93.9	96.8	84.5	91.5	96.6	100.5	-	
A17675	70,533	58,967	94.1	96.6	83.1	91.2	96.3	100.4	-	
A17676	65,317	55,338	94.3	96.3	81.3	90.8	95.9	100.1	-	

¹ See Note 1.



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Chapter¹

Page 199 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/2

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

AFM Option Code <E827W> (Recertification to Chapter 4, Winglets)

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	er EPNL	Approach EPNL		See
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A17719	79,015	66,360	93.6	97.0	85.2	91.9	96.7	100.7	2
A17720	79,015	66,088	93.6	97.0	85.2	91.9	96.7	100.7	2
A17721	78,244	65,317	93.7	97.0	85.0	91.8	96.6	100.7	2
A17722	74,389	62,595	93.9	96.8	83.6	91.5	96.4	100.5	2
A17723	70,533	58,967	94.1	96.6	82.3	91.2	96.1	100.4	2
A17724	65,317	55,338	94.3	96.3	80.4	90.8	95.8	100.1	2

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/2

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

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	Approa	ch EPNL	Can
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A1790	79,015	66,360	93.9	97.0	85.1	91.9	96.6	100.7	2
A1792	79,015	66,088	93.9	97.0	85.1	91.9	96.6	100.7	2
A1794	78,244	65,317	93.9	97.0	84.9	91.8	96.5	100.7	2
A8991	77,997	65,317	93.9	97.0	84.8	91.8	96.5	100.7	2
A1796	74,389	62,595	94.2	96.8	83.6	91.5	96.3	100.5	2
A1798	70,533	58,967	94.4	96.6	82.3	91.2	96.0	100.4	2
A1800	65,317	55,338	94.7	96.3	80.5	90.8	95.7	100.1	2

¹ See Note 1.



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Page 200 of 289

Issue: 22

Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3

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	Latera	I EPNL	Flyove	er EPNL	Approach EPNL		See
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A8374	79,015	66,360	94.7	97.0	87.0	91.9	96.5	100.7	-
A8375	79,015	66,088	94.7	97.0	87.0	91.9	96.5	100.7	-
A8376	78,244	65,317	94.7	97.0	86.7	91.8	96.4	100.7	-
A8377	74,389	62,595	94.9	96.8	85.3	91.5	96.2	100.5	-
A8378	70,533	58,967	95.2	96.6	84.1	91.2	95.9	100.4	-
A8379	65,317	55,338	95.5	96.3	82.3	90.8	95.6	100.1	-

¹ See Note 1.



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Page 201 of 289

Page 202 of 289 Issue: 22 Date: 04 March 2024

Edition 3 / Amendment 7

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3

AFM Option Code <9874> (Recertification to Chapter 4) Additional modifications essential to meet the requirements or needed to attain the

Edition / Amendment

certificated noise levels¹

Noise Certification Basis

ICAO Annex 16, Volume I

FACA	Maximu	um Mass	Latera	Lateral EPNL		r EPNL	Approach EPNL		Soo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10323	79,015	66,360	94.4	97.0	86.9	91.9	96.5	100.7	-
A10324	79,015	66,088	94.4	97.0	86.9	91.9	96.5	100.7	-
A10325	78,244	65,317	94.4	97.0	86.6	91.8	96.5	100.7	-
A10326	74,389	62,595	94.6	96.8	85.2	91.5	96.3	100.5	-
A10327	70,533	58,967	94.8	96.6	83.9	91.2	96.0	100.4	-
A10328	65,317	55,338	95.1	96.3	82.1	90.8	95.6	100.1	-

¹ See Note 1.



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Chapter¹

Page 203 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3

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

AFM Option Code <9874S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approach EPNL		See
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A10462	79,015	66,360	94.4	97.0	86.9	91.9	96.6	100.7	-
A10463	79,015	66,088	94.4	97.0	86.9	91.9	96.6	100.7	-
A10464	78,244	65,317	94.4	97.0	86.6	91.8	96.5	100.7	-
A10465	74,389	62,595	94.6	96.8	85.2	91.5	96.3	100.5	-
A10466	70,533	58,967	94.8	96.6	83.9	91.2	96.0	100.4	-
A10467	65,317	55,338	95.1	96.3	82.1	90.8	95.7	100.1	-

¹ See Note 1.



Issue: 22

Page 204 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3

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

AFM Option Code <9874S2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid)

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approach EPNL		See
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A10528	79,015	66,360	94.4	97.0	86.9	91.9	96.5	100.7	-
A10529	79,015	66,088	94.4	97.0	86.9	91.9	96.4	100.7	-
A10530	78,244	65,317	94.4	97.0	86.6	91.8	96.3	100.7	-
A10531	74,389	62,595	94.6	96.8	85.2	91.5	96.1	100.5	-
A10532	70,533	58,967	94.8	96.6	83.9	91.2	95.8	100.4	-
A10533	65,317	55,338	95.1	96.3	82.1	90.8	95.5	100.1	-

¹ See Note 1.



Noise Certification Basis

Page 205 of 289 Issue: 22 Date: 04 March 2024

Edition 3 / Amendment 7

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Edition / Amendment

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3

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

ICAO Annex 16, Volume I

AFM Option Code <9874W> (Recertification to Chapter 4, Winglets)

Chapter¹

FACA	Maximu	Maximum Mass		al EPNL	Flyove	Flyover EPNL		ch EPNL	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10408	79,015	66,360	94.4	97.0	86.0	91.9	96.4	100.7	2
A10409	79,015	66,088	94.4	97.0	86.0	91.9	96.4	100.7	2
A119042	78,975	66,360	94.4	97.0	86.0	91.9	96.4	100.7	2
A10410	78,244	65,317	94.4	97.0	85.7	91.8	96.3	100.7	2
A119432	76,975	66,360	94.5	96.9	85.3	91.7	96.4	100.6	2
A121236	75,975	66,360	94.6	96.9	85.0	91.6	96.4	100.6	2
A120616	74,975	66,360	94.6	96.8	84.6	91.6	96.4	100.6	2
A10411	74,389	62,595	94.6	96.8	84.4	91.5	96.1	100.5	2
A10412	70,533	58,967	94.8	96.6	83.1	91.2	95.8	100.4	2
A10413	65,317	55,338	95.1	96.3	81.3	90.8	95.5	100.1	2

¹ See Note 1.



Noise Certification Basis

Issue: 22

Date: 04 March 2024

Edition 3 / Amendment 7

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Edition / Amendment

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3

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

ICAO Annex 16, Volume I

AFM Option Code <987WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

Chapter¹

4

Page 206 of 289

Maximum Mass Lateral EPNL Flyover EPNL Approach EPNL EASA See Take-off¹ Landing Record No. Note Level¹ Level1 Level1 Limit Limit Limit (kg) (kg) 66,360 A10607 79,015 94.5 97.0 85.9 91.9 96.4 100.7 2 A10608 79,015 66,088 94.5 97.0 85.9 91.9 96.4 100.7 2 79,015 94.5 97.0 85.9 91.9 96.3 100.7 2 A121613 65,317 A122049 78,999 66,360 94.5 97.0 85.9 91.9 96.4 100.7 2 A15596 78,999 94.5 97.0 85.9 91.9 96.3 100.7 2 65,317 A10609 78,244 65,317 94.5 97.0 85.7 91.8 96.3 100.7 2 2 94.7 96.8 84.3 91.5 96.1 A10610 74,389 62,595 100.5 A10611 70,533 58,967 94.9 96.6 83.0 91.2 95.8 100.4 2 A10612 65,317 55,338 95.2 96.3 81.2 90.8 95.4 100.1 2

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3

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

AFM Option Code <987WS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

Page 207 of 289

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

EASA	Maximu	um Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		Soo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A13969	79,015	66,360	94.5	97.0	85.9	91.9	96.3	100.7	2
A13970	79,015	66,088	94.5	97.0	85.9	91.9	96.3	100.7	2
A13971	79,015	65,317	94.5	97.0	85.9	91.9	96.2	100.7	2
A13972	78,244	65,317	94.5	97.0	85.7	91.8	96.2	100.7	2
A13973	74,389	62,595	94.7	96.8	84.3	91.5	96.0	100.5	2
A13974	70,533	58,967	94.9	96.6	83.0	91.2	95.7	100.4	2
A13975	65,317	55,338	95.2	96.3	81.2	90.8	95.3	100.1	2

¹ See Note 1.



Page 208 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3

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

certificated noise levels1

Short field performance option

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

EASA	Maximu	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A8448	79,015	66,360	94.7	97.0	87.0	91.9	96.5	100.7	-
A8449	79,015	66,088	94.7	97.0	87.0	91.9	96.4	100.7	-
A8450	78,244	65,317	94.7	97.0	86.7	91.8	96.3	100.7	-
A8451	74,389	62,595	94.9	96.8	85.4	91.5	96.1	100.5	-
A8452	70,533	58,967	95.1	96.6	84.1	91.2	95.8	100.4	-
A8453	65,317	55,338	95.4	96.3	82.3	90.8	95.5	100.1	-

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3

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

certificated noise levels1

Short field performance option, Winglets

Page 209 of 289

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

FACA	Maximu	um Mass	Lateral EPNL		Flyove	Flyover EPNL		Approach EPNL	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A8472	79,015	66,360	94.7	97.0	85.9	91.9	96.3	100.7	2
A8473	79,015	66,088	94.7	97.0	85.9	91.9	96.3	100.7	2
A10634	79,015	65,317	94.7	97.0	85.9	91.9	96.2	100.7	2
A8474	78,244	65,317	94.8	97.0	85.7	91.8	96.2	100.7	2
A8475	74,389	62,595	95.0	96.8	84.4	91.5	96.0	100.5	2
A8476	70,533	58,967	95.2	96.6	83.1	91.2	95.7	100.4	2
A8477	65,317	55,338	95.5	96.3	81.3	90.8	95.3	100.1	2

¹ See Note 1.



Issue: 22

Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3

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

certificated noise levels1

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

5 050	Maximu	um Mass	Latera	I EPNL	Flyove	er EPNL	Approach EPNL		Cara
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A8426	79,015	66,360	94.7	97.0	86.0	91.9	96.3	100.7	2
A119431	78,975	66,360	94.7	97.0	86.0	91.9	96.3	100.7	2
A8427	78,244	65,317	94.7	97.0	85.7	91.8	96.3	100.7	2
A119013	76,975	66,360	94.8	96.9	85.3	91.7	96.3	100.6	2
A122162	75,975	66,360	94.8	96.9	85.0	91.6	96.3	100.6	2
A8428	74,389	62,595	94.9	96.8	84.4	91.5	96.1	100.5	2
A8429	70,533	58,967	95.1	96.6	83.2	91.2	95.8	100.4	2
A8430	65,317	55,338	95.4	96.3	81.4	90.8	95.4	100.1	2

¹ See Note 1.



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Page 210 of 289

Issue: 22

Page 211 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B27/3, CFM56-7B27E

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

certificated noise levels1

Engine intermix, AFM Option Code <987WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

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

FASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soo
EASA - Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A121614	79,015	65,317	94.5	97.0	85.9	91.9	96.3	100.7	2
A122817	78,999	66,360	94.5	97.0	85.9	91.9	96.4	100.7	2

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3B1

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	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A8368	79,015	66,360	95.0	97.0	86.8	91.9	96.5	100.7	-
A8369	79,015	66,088	95.0	97.0	86.8	91.9	96.5	100.7	-
A8370	78,244	65,317	95.1	97.0	86.6	91.8	96.4	100.7	-
A8371	74,389	62,595	95.3	96.8	85.2	91.5	96.2	100.5	-
A8372	70,533	58,967	95.5	96.6	84.0	91.2	95.9	100.4	-
A8373	65,317	55,338	95.8	96.3	82.2	90.8	95.6	100.1	-

¹ See Note 1.



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Page 212 of 289

Page 213 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3B1

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

AFM Option Code <98B4> (Recertification to Chapter 4)

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

FACA	Maximu	Maximum Mass		Lateral EPNL		Flyover EPNL		ch EPNL	Cara
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10347	79,015	66,360	94.8	97.0	86.8	91.9	96.5	100.7	-
A10348	79,015	66,088	94.8	97.0	86.8	91.9	96.5	100.7	-
A10349	78,244	65,317	94.8	97.0	86.5	91.8	96.5	100.7	-
A10350	74,389	62,595	95.0	96.8	85.1	91.5	96.3	100.5	-
A10351	70,533	58,967	95.2	96.6	83.8	91.2	96.0	100.4	-
A10352	65,317	55,338	95.4	96.3	82.0	90.8	95.6	100.1	-

¹ See Note 1.



Page 214 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3B1

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

AFM Option Code <98B4S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

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

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10486	79,015	66,360	94.8	97.0	86.7	91.9	96.6	100.7	-
A10487	79,015	66,088	94.8	97.0	86.7	91.9	96.6	100.7	-
A10488	78,244	65,317	94.8	97.0	86.5	91.8	96.5	100.7	-
A10489	74,389	62,595	95.0	96.8	85.1	91.5	96.3	100.5	-
A10490	70,533	58,967	95.2	96.6	83.8	91.2	96.0	100.4	-
A10491	65,317	55,338	95.4	96.3	82.0	90.8	95.7	100.1	-

¹ See Note 1.



Page 215 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3B1

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

AFM Option Code <98B4S2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid)

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

FACA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10552	79,015	66,360	94.8	97.0	86.7	91.9	96.5	100.7	-
A10553	79,015	66,088	94.8	97.0	86.7	91.9	96.4	100.7	-
A10554	78,244	65,317	94.8	97.0	86.5	91.8	96.3	100.7	-
A10555	74,389	62,595	95.0	96.8	85.1	91.5	96.1	100.5	-
A10556	70,533	58,967	95.2	96.6	83.8	91.2	95.8	100.4	-
A10557	65,317	55,338	95.4	96.3	82.0	90.8	95.5	100.1	-

¹ See Note 1.



Page 216 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3B1

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

AFM Option Code <98B4W> (Recertification to Chapter 4, Winglets)

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

FACA	Maximu	ım Mass	Latera	Lateral EPNL		r EPNL	Approach EPNL		Can	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A10420	79,015	66,360	94.8	97.0	85.9	91.9	96.4	100.7	2	
A10421	79,015	66,088	94.8	97.0	85.9	91.9	96.4	100.7	2	
A10422	78,244	65,317	94.8	97.0	85.6	91.8	96.3	100.7	2	
A10423	74,389	62,595	95.0	96.8	84.3	91.5	96.1	100.5	2	
A10424	70,533	58,967	95.2	96.6	83.0	91.2	95.8	100.4	2	
A10425	65,317	55,338	95.4	96.3	81.2	90.8	95.5	100.1	2	

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3B1

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

AFM Option Code <98BWS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

Page 217 of 289

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

FACA	Maximu	ım Mass	Latera	I EPNL	Flyove	r EPNL	Approa	ch EPNL	Caa
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10583	79,015	66,360	94.8	97.0	85.8	91.9	96.4	100.7	2
A10584	79,015	66,088	94.8	97.0	85.8	91.9	96.4	100.7	2
A10585	78,244	65,317	94.9	97.0	85.5	91.8	96.3	100.7	2
A10586	74,389	62,595	95.0	96.8	84.2	91.5	96.1	100.5	2
A10587	70,533	58,967	95.2	96.6	82.9	91.2	95.8	100.4	2
A10588	65,317	55,338	95.5	96.3	81.1	90.8	95.4	100.1	2

¹ See Note 1.



Issue: 22

Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3B1

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

AFM Option Code <98BWS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

Page 218 of 289

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	Limit 100.7 100.7 100.7 100.6 100.5	Can
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A13997	79,015	66,360	94.8	97.0	85.8	91.9	96.3	100.7	2
A13998	79,015	66,088	94.8	97.0	85.8	91.9	96.3	100.7	2
A13999	78,244	65,317	94.9	97.0	85.5	91.8	96.2	100.7	2
A16301	74,995	65,317	95.0	96.8	84.4	91.6	96.2	100.6	2
A14000	74,389	62,595	95.0	96.8	84.2	91.5	96.0	100.5	2
A120618	70,533	65,317	95.2	96.6	82.9	91.2	96.2	100.4	2
A14001	70,533	58,967	95.2	96.6	82.9	91.2	95.7	100.4	2
A14002	65,317	55,338	95.5	96.3	81.1	90.8	95.3	100.1	2

¹ See Note 1.



Page 219 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3B1

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

Short field performance option

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 (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A8454	79,015	66,360	95.0	97.0	86.8	91.9	96.5	100.7	-
A8455	79,015	66,088	95.0	97.0	86.8	91.9	96.4	100.7	-
A8456	78,244	65,317	95.1	97.0	86.6	91.8	96.3	100.7	-
A8457	74,389	62,595	95.3	96.8	85.2	91.5	96.1	100.5	-
A8458	70,533	58,967	95.5	96.6	84.0	91.2	95.8	100.4	-
A8459	65,317	55,338	95.8	96.3	82.2	90.8	95.5	100.1	-

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3B1

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

Short field performance option, Winglets

Page 220 of 289

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approach EPNL	Coo	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A8478	79,015	66,360	95.1	97.0	85.8	91.9	96.3	100.7	2
A8479	79,015	66,088	95.1	97.0	85.8	91.9	96.3	100.7	2
A8480	78,244	65,317	95.1	97.0	85.5	91.8	96.2	100.7	2
A8481	74,389	62,595	95.3	96.8	84.3	91.5	96.0	100.5	2
A8482	70,533	58,967	95.5	96.6	83.0	91.2	95.7	100.4	2
A8483	65,317	55,338	95.8	96.3	81.3	90.8	95.3	100.1	2

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3B1F

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

AFM Option Code <98B4> (Recertification to Chapter 4)

Page 221 of 289

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

EASA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Coo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10353	79,015	66,360	94.8	97.0	86.8	91.9	96.5	100.7	-
A10354	79,015	66,088	94.8	97.0	86.8	91.9	96.5	100.7	-
A10355	78,244	65,317	94.8	97.0	86.5	91.8	96.5	100.7	-
A10356	74,389	62,595	95.0	96.8	85.1	91.5	96.3	100.5	-
A10357	70,533	58,967	95.2	96.6	83.8	91.2	96.0	100.4	-
A10358	65,317	55,338	95.4	96.3	82.0	90.8	95.6	100.1	-

¹ See Note 1.



Page 222 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3B1F

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

AFM Option Code <98B4S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	:h EPNL	Caa
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10492	79,015	66,360	94.8	97.0	86.7	91.9	96.6	100.7	-
A10493	79,015	66,088	94.8	97.0	86.7	91.9	96.6	100.7	-
A10494	78,244	65,317	94.8	97.0	86.5	91.8	96.5	100.7	-
A10495	74,389	62,595	95.0	96.8	85.1	91.5	96.3	100.5	-
A10496	70,533	58,967	95.2	96.6	83.8	91.2	96.0	100.4	-
A10497	65,317	55,338	95.4	96.3	82.0	90.8	95.7	100.1	-

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3B1F

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

AFM Option Code <98B4S2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid)

Page 223 of 289

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

EASA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Coo
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10558	79,015	66,360	94.8	97.0	86.7	91.9	96.5	100.7	-
A10559	79,015	66,088	94.8	97.0	86.7	91.9	96.4	100.7	-
A10560	78,244	65,317	94.8	97.0	86.5	91.8	96.3	100.7	-
A10561	74,389	62,595	95.0	96.8	85.1	91.5	96.1	100.5	-
A10562	70,533	58,967	95.2	96.6	83.8	91.2	95.8	100.4	-
A10563	65,317	55,338	95.4	96.3	82.0	90.8	95.5	100.1	-

¹ See Note 1.



Issue: 22

Page 224 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B27/3B1F

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

AFM Option Code <98B4W> (Recertification to Chapter 4, Winglets)

Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 3 / Amendment 7	Chapter ¹	4
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FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	Limit 100.7 100.7 100.7 100.7	Can
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10426	79,015	66,360	94.8	97.0	85.9	91.9	96.4	100.7	2
A10427	79,015	66,088	94.8	97.0	85.9	91.9	96.4	100.7	2
A119639	78,975	66,360	94.8	97.0	85.9	91.9	96.4	100.7	2
A10428	78,244	65,317	94.8	97.0	85.6	91.8	96.3	100.7	2
A120180	77,975	66,360	94.8	97.0	85.5	91.8	96.4	100.7	2
A10429	74,389	62,595	95.0	96.8	84.3	91.5	96.1	100.5	2
A10430	70,533	58,967	95.2	96.6	83.0	91.2	95.8	100.4	2
A10431	65,317	55,338	95.4	96.3	81.2	90.8	95.5	100.1	2

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3B1F

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

AFM Option Code <98BWS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

Page 225 of 289

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

EASA	Maximu	um Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Coo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10589	79,015	66,360	94.8	97.0	85.8	91.9	96.4	100.7	2
A10590	79,015	66,088	94.8	97.0	85.8	91.9	96.4	100.7	2
A121644	78,975	66,360	94.8	97.0	85.8	91.9	96.4	100.7	2
A10591	78,244	65,317	94.9	97.0	85.5	91.8	96.3	100.7	2
A10592	74,389	62,595	95.0	96.8	84.2	91.5	96.1	100.5	2
A10593	70,533	58,967	95.2	96.6	82.9	91.2	95.8	100.4	2
A10594	65,317	55,338	95.5	96.3	81.1	90.8	95.4	100.1	2

¹ See Note 1.



Noise Certification Basis

A14008

65,317

Page 226 of 289 Issue: 22 Date: 04 March 2024

Edition 3 / Amendment 7

81.1

90.8

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Edition / Amendment

95.5

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3B1F

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

ICAO Annex 16, Volume I

55,338

AFM Option Code <98BWS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

Chapter1

95.3

4

100.1

2

Maximum Mass Lateral EPNL Flyover EPNL Approach EPNL EASA See Take-off¹ Landing Record No. Note Level¹ Limit Level1 Limit Level1 Limit (kg) (kg) 66,360 A14003 79,015 94.8 97.0 85.8 91.9 96.3 100.7 2 A14004 79,015 66,088 94.8 97.0 85.8 91.9 96.3 100.7 2 78,244 94.9 97.0 85.5 91.8 96.2 100.7 2 A14005 65,317 A14006 74,389 62,595 95.0 96.8 84.2 91.5 96.0 100.5 2 A14007 70,533 58,967 95.2 96.6 82.9 91.2 95.7 100.4 2

96.3

¹ See Note 1.



Page 227 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3B3

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

AFM Option Code <9874> (Recertification to Chapter 4)

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

FACA	Maximu	ım Mass	Latera	I EPNL	Flyove	er EPNL	Approa	ch EPNL	Cara
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10341	79,015	66,360	94.4	97.0	86.9	91.9	96.5	100.7	-
A10342	79,015	66,088	94.4	97.0	86.9	91.9	96.5	100.7	-
A10343	78,244	65,317	94.4	97.0	86.6	91.8	96.5	100.7	-
A10344	74,389	62,595	94.6	96.8	85.2	91.5	96.3	100.5	-
A10345	70,533	58,967	94.8	96.6	83.9	91.2	96.0	100.4	-
A10346	65,317	55,338	95.1	96.3	82.1	90.8	95.6	100.1	-

¹ See Note 1.



Page 228 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3B3

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

AFM Option Code <9874S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

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

EASA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Coo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10480	79,015	66,360	94.4	97.0	86.9	91.9	96.6	100.7	-
A10481	79,015	66,088	94.4	97.0	86.9	91.9	96.6	100.7	-
A10482	78,244	65,317	94.4	97.0	86.6	91.8	96.5	100.7	-
A10483	74,389	62,595	94.6	96.8	85.2	91.5	96.3	100.5	-
A10484	70,533	58,967	94.8	96.6	83.9	91.2	96.0	100.4	-
A10485	65,317	55,338	95.1	96.3	82.1	90.8	95.7	100.1	-

¹ See Note 1.



Issue: 22

Page 229 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3B3

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

AFM Option Code <9874S2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid)

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

EASA	Maximu	Maximum Mass		Lateral EPNL		r EPNL	Approach EPNL		Soo
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10546	79,015	66,360	94.4	97.0	86.9	91.9	96.5	100.7	-
A10547	79,015	66,088	94.4	97.0	86.9	91.9	96.4	100.7	-
A10548	78,244	65,317	94.4	97.0	86.6	91.8	96.3	100.7	-
A10549	74,389	62,595	94.6	96.8	85.2	91.5	96.1	100.5	-
A10550	70,533	58,967	94.8	96.6	83.9	91.2	95.8	100.4	-
A10551	65,317	55,338	95.1	96.3	82.1	90.8	95.5	100.1	-

¹ See Note 1.



Page 230 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3B3

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

AFM Option Code <9874W> (Recertification to Chapter 4, Winglets)

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	er EPNL	Approa	ch EPNL	Can
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10414	79,015	66,360	94.4	97.0	86.0	91.9	96.4	100.7	2
A10415	79,015	66,088	94.4	97.0	86.0	91.9	96.4	100.7	2
A10416	78,244	65,317	94.4	97.0	85.7	91.8	96.3	100.7	2
A10417	74,389	62,595	94.6	96.8	84.4	91.5	96.1	100.5	2
A10418	70,533	58,967	94.8	96.6	83.1	91.2	95.8	100.4	2
A10419	65,317	55,338	95.1	96.3	81.3	90.8	95.5	100.1	2

¹ See Note 1.



Noise Certification Basis

Issue: 22

Date: 04 March 2024

Edition 3 / Amendment 7

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Edition / Amendment

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3B3

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

ICAO Annex 16, Volume I

AFM Option Code <987WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

Chapter1

4

Page 231 of 289

Maximum Mass Lateral EPNL Flyover EPNL Approach EPNL EASA See Take-off¹ Landing Record No. Note Level¹ Limit Level1 Limit Level1 Limit (kg) (kg) A10625 79,015 94.5 97.0 85.9 91.9 96.4 100.7 2

66,360 A10626 79,015 66,088 94.5 97.0 85.9 91.9 96.4 100.7 2 78,244 94.5 97.0 85.7 91.8 96.3 100.7 2 A10627 65,317 A10628 74,389 62,595 94.7 96.8 84.3 91.5 96.1 100.5 2 A10629 70,533 58,967 94.9 96.6 83.0 91.2 95.8 100.4 2 A10630 65,317 55,338 95.2 96.3 81.2 90.8 95.4 100.1 2

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3B3

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

AFM Option Code <987WS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

Page 232 of 289

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

FACA	Maximu	um Mass	Lateral EPNL		Flyove	r EPNL	Approach EPNL		See	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A13990	79,015	66,360	94.5	97.0	85.9	91.9	96.3	100.7	2	
A13991	79,015	66,088	94.5	97.0	85.9	91.9	96.3	100.7	2	
A13992	79,015	65,317	94.5	97.0	85.9	91.9	96.2	100.7	2	
A13993	78,244	65,317	94.5	97.0	85.7	91.8	96.2	100.7	2	
A13994	74,389	62,595	94.7	96.8	84.3	91.5	96.0	100.5	2	
A13995	70,533	58,967	94.9	96.6	83.0	91.2	95.7	100.4	2	
A13996	65,317	55,338	95.2	96.3	81.2	90.8	95.3	100.1	2	

¹ See Note 1.



Page 233 of 289 Issue: 22 Date: 04 March 2024

Edition 3 / Amendment 7

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3F

AFM Option Code <9874> (Recertification to Chapter 4) Additional modifications essential to meet the requirements or needed to attain the

Edition / Amendment

ICAO Annex 16, Volume I

certificated noise levels¹

Noise Certification Basis

FACA	Maximu	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10329	79,015	66,360	94.4	97.0	86.9	91.9	96.5	100.7	-
A10330	79,015	66,088	94.4	97.0	86.9	91.9	96.5	100.7	-
A10331	78,244	65,317	94.4	97.0	86.6	91.8	96.5	100.7	-
A10332	74,389	62,595	94.6	96.8	85.2	91.5	96.3	100.5	-
A10333	70,533	58,967	94.8	96.6	83.9	91.2	96.0	100.4	-
A10334	65,317	55,338	95.1	96.3	82.1	90.8	95.6	100.1	-

¹ See Note 1.



Chapter¹

Page 234 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3F

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

AFM Option Code <9874S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

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

FACA	Maximu	Maximum Mass		Lateral EPNL		er EPNL	Approa	See	
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A10468	79,015	66,360	94.4	97.0	86.9	91.9	96.6	100.7	-
A10469	79,015	66,088	94.4	97.0	86.9	91.9	96.6	100.7	-
A10470	78,244	65,317	94.4	97.0	86.6	91.8	96.5	100.7	-
A10471	74,389	62,595	94.6	96.8	85.2	91.5	96.3	100.5	-
A10472	70,533	58,967	94.8	96.6	83.9	91.2	96.0	100.4	-
A10473	65,317	55,338	95.1	96.3	82.1	90.8	95.7	100.1	-

¹ See Note 1.



Issue: 22

Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3F

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

AFM Option Code <9874S2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid)

Page 235 of 289

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

EASA	Maximu	Maximum Mass		Lateral EPNL		r EPNL	Approach EPNL		Coo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10534	79,015	66,360	94.4	97.0	86.9	91.9	96.5	100.7	-
A10535	79,015	66,088	94.4	97.0	86.9	91.9	96.4	100.7	-
A10536	78,244	65,317	94.4	97.0	86.6	91.8	96.3	100.7	-
A10537	74,389	62,595	94.6	96.8	85.2	91.5	96.1	100.5	-
A10538	70,533	58,967	94.8	96.6	83.9	91.2	95.8	100.4	-
A10539	65,317	55,338	95.1	96.3	82.1	90.8	95.5	100.1	-

¹ See Note 1.



Page 236 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3F

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

AFM Option Code <9874W> (Recertification to Chapter 4, Winglets)

Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 3 / Amendment 7	Chapter ¹	4
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FACA	Maximu	Maximum Mass		Lateral EPNL		er EPNL	Approa	See	
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A10977	79,015	66,360	94.4	97.0	86.0	91.9	96.4	100.7	2
A10978	79,015	66,088	94.4	97.0	86.0	91.9	96.4	100.7	2
A10979	78,244	65,317	94.4	97.0	85.7	91.8	96.3	100.7	2
A10980	74,389	62,595	94.6	96.8	84.4	91.5	96.1	100.5	2
A10981	70,533	58,967	94.8	96.6	83.1	91.2	95.8	100.4	2
A10982	65,317	55,338	95.1	96.3	81.3	90.8	95.5	100.1	2

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3F

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

AFM Option Code <987WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

Page 237 of 289

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

EASA	Maximu	Maximum Mass		Lateral EPNL		r EPNL	Approach EPNL		Coo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A10613	79,015	66,360	94.5	97.0	85.9	91.9	96.4	100.7	2
A10614	79,015	66,088	94.5	97.0	85.9	91.9	96.4	100.7	2
A121643	78,975	66,360	94.5	97.0	85.9	91.9	96.4	100.7	2
A10615	78,244	65,317	94.5	97.0	85.7	91.8	96.3	100.7	2
A10616	74,389	62,595	94.7	96.8	84.3	91.5	96.1	100.5	2
A10617	70,533	58,967	94.9	96.6	83.0	91.2	95.8	100.4	2
A10618	65,317	55,338	95.2	96.3	81.2	90.8	95.4	100.1	2

¹ See Note 1.



Date: 04 March 2024 Issue: 22

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/3F

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

AFM Option Code <987WS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

Page 238 of 289

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approach EPNL		See	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A13976	79,015	66,360	94.5	97.0	85.9	91.9	96.3	100.7	2	
A13977	79,015	66,088	94.5	97.0	85.9	91.9	96.3	100.7	2	
A13978	79,015	65,317	94.5	97.0	85.9	91.9	96.2	100.7	2	
A13979	78,244	65,317	94.5	97.0	85.7	91.8	96.2	100.7	2	
A13980	74,389	62,595	94.7	96.8	84.3	91.5	96.0	100.5	2	
A13981	70,533	58,967	94.9	96.6	83.0	91.2	95.7	100.4	2	
A13982	65,317	55,338	95.2	96.3	81.2	90.8	95.3	100.1	2	

¹ See Note 1.



Page 239 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/B1

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	Maximun EASA		Lateral	EPNL	Flyover	EPNL	Approa	ch EPNL	C
Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A1825	79,015	66,360	95.0	97.0	86.8	91.9	96.5	100.7	-
A1827	79,015	66,088	95.0	97.0	86.8	91.9	96.5	100.7	-
A16239	78,975	66,360	95.0	97.0	86.8	91.9	96.5	100.7	-
A1829	78,244	65,317	95.1	97.0	86.6	91.8	96.4	100.7	-
A16240	77,975	66,360	95.1	97.0	86.5	91.8	96.5	100.7	-
A16241	76,975	66,360	95.1	96.9	86.1	91.7	96.5	100.6	-
A16242	76,495	66,360	95.2	96.9	85.9	91.7	96.5	100.6	-
A16243	75,975	66,360	95.2	96.9	85.8	91.6	96.5	100.6	-
A16244	75,495	66,360	95.2	96.9	85.6	91.6	96.5	100.6	-
A16245	74,975	66,360	95.2	96.8	85.4	91.6	96.5	100.6	-

¹ See Note 1.

/continued on next page

Issue: 22

Page 240 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/B1

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

FASA	EASA Maximum	Mass	ss Lateral EPNL		Flyover	EPNL	Approa	ch EPNL	Soo
Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16246	74,495	66,360	95.3	96.8	85.2	91.5	96.5	100.5	-
A1831	74,389	62,595	95.3	96.8	85.3	91.5	96.2	100.5	-
A1833	70,533	58,967	95.5	96.6	84.0	91.2	95.9	100.4	-
A1835	65,317	55,338	95.8	96.3	82.2	90.8	95.6	100.1	-
A119414	63,999	55,338	95.8	96.2	81.7	90.7	95.6	100.0	-

¹ See Note 1.



Issue: 22

Page 241 of 289 Date: 04 March 2024

Edition 3 / Amendment 7

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Edition / Amendment

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/B1

AFM Option Code <98B4> (Recertification to Chapter 4) Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

Noise Certification Basis

ICAO Annex 16, Volume I

FACA	Maximu	um Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		See
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A2853	79,015	66,360	94.8	97.0	86.8	91.9	96.5	100.7	-
A2852	79,015	66,088	94.8	97.0	86.8	91.9	96.5	100.7	-
A2851	78,244	65,317	94.8	97.0	86.5	91.8	96.5	100.7	-
A2850	74,389	62,595	95.0	96.8	85.1	91.5	96.3	100.5	-
A2849	70,533	58,967	95.2	96.6	83.8	91.2	96.0	100.4	-
A2848	65,317	55,338	95.4	96.3	82.0	90.8	95.6	100.1	-

¹ See Note 1.



Chapter¹

Issue: 22

Page 242 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/B1

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

AFM Option Code <98B4S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

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

EASA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		See
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
A1262	79,015	66,360	94.8	97.0	86.7	91.9	96.6	100.7	-
A1263	79,015	66,088	94.8	97.0	86.7	91.9	96.6	100.7	-
A1264	78,244	65,317	94.8	97.0	86.5	91.8	96.5	100.7	-
A1265	74,389	62,595	95.0	96.8	85.1	91.5	96.3	100.5	-
A1266	70,533	58,967	95.2	96.6	83.8	91.2	96.0	100.4	-
A1267	65,317	55,338	95.4	96.3	82.0	90.8	95.7	100.1	-

¹ See Note 1.



Page 243 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/B1

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

AFM Option Code <98B4S2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid)

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

FACA	Maximu	um Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		See	
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A1256	79,015	66,360	94.8	97.0	86.7	91.9	96.5	100.7	-	
A1257	79,015	66,088	94.8	97.0	86.7	91.9	96.4	100.7	-	
A1258	78,244	65,317	94.8	97.0	86.5	91.8	96.3	100.7	-	
A1259	74,389	62,595	95.0	96.8	85.1	91.5	96.1	100.5	-	
A1260	70,533	58,967	95.2	96.6	83.8	91.2	95.8	100.4	-	
A1261	65,317	55,338	95.4	96.3	82.0	90.8	95.5	100.1	-	

¹ See Note 1.



Page 244 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/B1

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

AFM Option Code <98B4W> (Recertification to Chapter 4, Winglets)

Noise Certification Basis

ICAO Annex 16, Volume I

Edition / Amendment

Chapter¹

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo	
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A121328	77,000	66,360	94.9	96.9	85.2	91.7	96.4	100.7	2	

¹ See Note 1.



Page 245 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/B1

AFM Option Code <98B4W> (Recertification to Chapter 4, Winglets) 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 **Edition 3 / Amendment 7** Chapter¹

FACA	Maximum	Mass	Lateral EPNL		Flyover	EPNL	Approach EPNL		Soo	
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A2859	79,015	66,360	94.8	97.0	85.9	91.9	96.4	100.7	2	
A2858	79,015	66,088	94.8	97.0	85.9	91.9	96.4	100.7	2	
A14187	79,015	65,317	94.8	97.0	85.9	91.9	96.3	100.7	2	
A16229	78,975	66,360	94.8	97.0	85.8	91.9	96.4	100.7	2	
A119012	78,244	66,360	94.8	97.0	85.6	91.8	96.4	100.7	2	
A2857	78,244	65,317	94.8	97.0	85.6	91.8	96.3	100.7	2	
A16230	77,975	66,360	94.8	97.0	85.5	91.8	96.4	100.7	2	
A10983	77,000	65,317	94.9	96.9	85.2	91.7	96.3	100.7	2	
A16231	76,975	66,360	94.9	96.9	85.2	91.7	96.4	100.6	2	
A16232	76,495	66,360	94.9	96.9	85.0	91.7	96.4	100.6	2	

¹ See Note 1. /continued on next page



Issue: 22

Page 246 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/B1

AFM Option Code <98B4W> (Recertification to Chapter 4, Winglets) 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 **Edition 3 / Amendment 7** Chapter¹

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	
A16233	75,975	66,360	94.9	96.9	84.8	91.6	96.4	100.6	2	
A16234	75,495	66,360	94.9	96.9	84.7	91.6	96.4	100.6	2	
A16235	74,975	66,360	95.0	96.8	84.5	91.6	96.4	100.6	2	
A16236	74,495	66,360	95.0	96.8	84.3	91.5	96.4	100.5	2	
A2856	74,389	62,595	95.0	96.8	84.3	91.5	96.1	100.5	2	
A2855	70,533	58,967	95.2	96.6	83.0	91.2	95.8	100.4	2	
A2854	65,317	55,338	95.4	96.3	81.2	90.8	95.5	100.1	2	

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B27/B1

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

AFM Option Code <98BWS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

Page 247 of 289

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

EASA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		See	
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A1214	79,015	66,360	94.8	97.0	85.8	91.9	96.4	100.7	2	
A1215	79,015	66,088	94.8	97.0	85.8	91.9	96.4	100.7	2	
A1216	78,244	65,317	94.9	97.0	85.5	91.8	96.3	100.7	2	
A1217	74,389	62,595	95.0	96.8	84.2	91.5	96.1	100.5	2	
A1218	70,533	58,967	95.2	96.6	82.9	91.2	95.8	100.4	2	
A1219	65,317	55,338	95.5	96.3	81.1	90.8	95.4	100.1	2	

¹ See Note 1.



Page 248 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/B1

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

certificated noise levels¹

AFM Option Code <98BWS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

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

FASA	Maximum	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	
A910	79,015	66,360	94.8	97.0	85.8	91.9	96.3	100.7	2	
A911	79,015	66,088	94.8	97.0	85.8	91.9	96.3	100.7	2	
A122796	79,000	65,317	94.8	97.0	85.8	91.9	96.2	100.7	2	
A925	78,244	65,317	94.9	97.0	85.5	91.8	96.2	100.7	2	
A14410	77,975	65,317	94.9	97.0	85.5	91.8	96.2	100.7	2	
A120159	77,000	66,360	94.9	96.9	85.1	91.7	96.3	100.7	2	
A120123	74,995	65,317	95.0	96.8	84.4	91.6	96.2	100.6	2	
A926	74,389	62,595	95.0	96.8	84.2	91.5	96.0	100.5	2	
A14409	70,533	65,317	95.2	96.6	82.9	91.2	96.2	100.4	2	
A927	70,533	58,967	95.2	96.6	82.9	91.2	95.7	100.4	2	

¹ See Note 1. /continued on next page



Issue: 22

Page 249 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/B1

AFM Option Code <98BWS2> (Recertification to Chapter 4, Short Additional modifications essential to meet the requirements or needed to attain the Field Performance option, 2-position tailskid, Winglets)

certificated noise levels¹

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

EASA	Maximum	Mass	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
A928	65,317	55,338	95.5	96.3	81.1	90.8	95.3	100.1	2

¹ See Note 1.



Issue: 22

Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/B1

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

Short field performance option

Page 250 of 289

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyover EPNL		Approa	Coo	
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A1011	79,015	66,360	95.0	97.0	86.8	91.9	96.5	100.7	-
A1066	79,015	66,088	95.0	97.0	86.8	91.9	96.4	100.7	-
A1210	78,244	65,317	95.1	97.0	86.6	91.8	96.3	100.7	-
A1211	74,389	62,595	95.3	96.8	85.2	91.5	96.1	100.5	-
A1212	70,533	58,967	95.5	96.6	84.0	91.2	95.8	100.4	-
A1213	65,317	55,338	95.8	96.3	82.2	90.8	95.5	100.1	-

¹ See Note 1.



Issue: 22

Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/B1

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

Short field performance option, Winglets

3

Page 251 of 289

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approach EPNL		See	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A257	79,015	66,360	95.1	97.0	85.8	91.9	96.3	100.7	2	
A258	79,015	66,088	95.1	97.0	85.8	91.9	96.3	100.7	2	
A272	78,244	65,317	95.1	97.0	85.5	91.8	96.2	100.7	2	
A273	74,389	62,595	95.3	96.8	84.3	91.5	96.0	100.5	2	
A274	70,533	58,967	95.5	96.6	83.0	91.2	95.7	100.4	2	
A275	65,317	55,338	95.8	96.3	81.3	90.8	95.3	100.1	2	

¹ See Note 1.



Page 252 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/B1

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

certificated noise levels¹

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

FACA	Maximum	Mass	Lateral	EPNL	Flyover	EPNL	Approac	ch EPNL	Coo
EASA Record No.	Take-off¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16219	79,015	66,360	95.0	97.0	85.8	91.9	96.3	100.7	2
A1828	79,015	66,088	95.0	97.0	85.9	91.9	96.3	100.7	2
A121603	79,015	65,317	95.0	97.0	85.8	91.9	96.3	100.7	2
A120604	78,999	66,360	95.0	97.0	85.9	91.9	96.3	100.7	-
A16220	78,975	66,360	95.0	97.0	85.8	91.9	96.3	100.7	2
A1830	78,244	65,317	95.1	97.0	85.6	91.8	96.3	100.7	2
A16221	77,975	66,360	95.1	97.0	85.5	91.8	96.3	100.7	2
A16222	76,975	66,360	95.1	96.9	85.2	91.7	96.3	100.6	2
A16223	76,495	66,360	95.2	96.9	85.0	91.7	96.3	100.6	2
A16224	75,975	66,360	95.2	96.9	84.8	91.6	96.3	100.6	2

¹ See Note 1.

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/continued on next page



Page 253 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27/B1

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

certificated noise levels¹

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

FASA	Maximum	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	
A16225	75,495	66,360	95.2	96.9	84.7	91.6	96.3	100.6	2	
A16226	74,975	66,360	95.2	96.8	84.5	91.6	96.3	100.6	2	
A16227	74,495	66,360	95.3	96.8	84.4	91.5	96.3	100.5	2	
A1832	74,389	62,595	95.3	96.8	84.3	91.5	96.1	100.5	2	
A1834	70,533	58,967	95.5	96.6	83.1	91.2	95.8	100.4	2	
A1836	65,317	55,338	95.8	96.3	81.3	90.8	95.4	100.1	2	
A119417	63,999	55,338	95.8	96.2	80.9	90.7	95.4	100.0	2	

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27E

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		Soo	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A16410	79,015	66,360	94.7	97.0	87.0	91.9	96.5	100.7	-	
A120175	78,999	66,360	94.7	97.0	87.0	91.9	96.5	100.7	-	

¹ See Note 1.



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Page 254 of 289

Issue: 22

Page 255 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27E

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

AFM Option Code <9874> (Recertification to Chapter 4)

certificated noise levels¹

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

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16401	79,015	66,360	94.4	97.0	86.9	91.9	96.5	100.7	-

¹ See Note 1.



Issue: 22

Page 256 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27E

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

AFM Option Code <9874S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

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

TASA.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A16402	79,015	66,360	94.4	97.0	86.9	91.9	96.6	100.7	-	

¹ See Note 1.



Issue: 22

Page 257 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27E

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

AFM Option Code <9874S2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid)

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

FA.C.A	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soo
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16404	79,015	66,360	94.4	97.0	86.9	91.9	96.5	100.7	-

¹ See Note 1.



Page 258 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27E

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

AFM Option Code <9874W> (Recertification to Chapter 4, Winglets)

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

FACA	Maximu	ım Mass	Latera	l EPNL	Flyover EPNL		Approach EPNL		See	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
A16406	79,015	66,360	94.4	97.0	86.0	91.9	96.4	100.7	2	
A120097	78,975	66,360	94.4	97.0	86.0	91.9	96.4	100.7	2	
A120096	77,975	66,360	94.5	97.0	85.6	91.8	96.4	100.7	2	
A120095	76,975	66,360	94.5	96.9	85.3	91.7	96.4	100.6	2	
A120094	76,495	66,360	94.5	96.9	85.1	91.7	96.4	100.6	2	
A121608	75,975	66,360	94.6	96.9	85.0	91.6	96.4	100.6	2	
A17915	74,975	66,360	94.6	96.8	84.6	91.6	96.4	100.6	2	

¹ See Note 1.



Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27E

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

AFM Option Code <987WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

Page 259 of 289

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

FACA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		200
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16403	79,015	66,360	94.5	97.0	85.9	91.9	96.4	100.7	2
A120176	78,999	66,360	94.5	97.0	85.9	91.9	96.4	100.7	2
A16715	78,999	65,317	94.5	97.0	85.9	91.9	96.3	100.7	2

¹ See Note 1.



Noise Certification Basis

Record No.

A16405

Issue: 22

Page 260 of 289 Date: 04 March 2024

Edition 3 / Amendment 7

Limit

91.9

Level1

85.9

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Edition / Amendment

Level¹

94.5

Engine Type Designation¹ Engine Manufacturer¹ **CFM International SA** CFM56-7B27E

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

(kg)

79,015

ICAO Annex 16, Volume I

(kg)

66,360

AFM Option Code <987WS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

Chapter¹

Level1

96.3

4

Limit

100.7

Note

2

Approach EPNL Maximum Mass Lateral EPNL Flyover EPNL EASA See Take-off¹ Landing

Limit

97.0

¹ See Note 1.



Issue: 22

Page 261 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ **CFM56-7B27E**

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

Short field performance option

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

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soo.
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16407	79,015	66,360	94.7	97.0	87.0	91.9	96.5	100.7	-

¹ See Note 1.



Issue: 22

Page 262 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ **CFM56-7B27E**

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

Short field performance option, Winglets

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

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soo.
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16408	79,015	66,360	94.7	97.0	85.9	91.9	96.3	100.7	2

¹ See Note 1.



Issue: 22

Page 263 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27E

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

certificated noise levels¹

Winglets

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 (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A16409	79,015	66,360	94.7	97.0	86.0	91.9	96.3	100.7	2	
A119430	78,975	66,360	94.7	97.0	86.0	91.9	96.3	100.7	2	

¹ See Note 1.



Issue: 22

Page 264 of 289 Date: 04 March 2024

Edition 3 / Amendment 7

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27E/B1

AFM Option Code <98B4> (Recertification to Chapter 4) Additional modifications essential to meet the requirements or needed to attain the

Edition / Amendment

certificated noise levels¹

Noise Certification Basis

ICAO Annex 16, Volume I

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		C
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16432	79,015	66,360	94.8	97.0	86.8	91.9	96.5	100.7	-

¹ See Note 1.



Chapter¹

4

Issue: 22

Page 265 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27E/B1

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

AFM Option Code <98B4S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

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

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soo
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16433	79,015	66,360	94.8	97.0	86.7	91.9	96.6	100.7	-

¹ See Note 1.



Type Certificate Holder¹

Issue: 22

Page 266 of 289 Date: 04 March 2024

Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B27E/B1

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

The Boeing Company

AFM Option Code <98B4S2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16455	79,015	66,360	94.8	97.0	86.7	91.9	96.5	100.7	-

¹ See Note 1.



Page 267 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Edition / Amendment

94.8

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27E/B1

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

79,015

ICAO Annex 16, Volume I

66,360

AFM Option Code <98B4W> (Recertification to Chapter 4, Winglets)

Chapter¹

96.4

4

100.7

2

certificated noise levels1

Noise Certification Basis

A16435

_										
	FACA	Maximu	ım Mass	Latera	I EPNL	Flyove	r EPNL	Approa	ch EPNL	Cara
	EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note

97.0

Edition 3 / Amendment 7

91.9

85.9

¹ See Note 1.



Issue: 22

Page 268 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B27E/B1

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

AFM Option Code <98BWS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		500	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A16454	79,015	66,360	94.8	97.0	85.8	91.9	96.4	100.7	2	

¹ See Note 1.



Issue: 22

Page 269 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B27E/B1

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

AFM Option Code <98BWS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Saa	
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A16434	79,015	66,360	94.8	97.0	85.8	91.9	96.3	100.7	2	

¹ See Note 1.



Page 270 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27E/B1F

AFM Option Code <98B4> (Recertification to Chapter 4) Additional modifications essential to meet the requirements or needed to attain the

Edition / Amendment

ICAO Annex 16, Volume I

certificated noise levels¹

Noise Certification Basis

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	C
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16436	79,015	66,360	94.8	97.0	86.8	91.9	96.5	100.7	-

Edition 3 / Amendment 7

¹ See Note 1.



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Chapter¹

Page 271 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27E/B1F

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

AFM Option Code <98B4S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A16437	79,015	66,360	94.8	97.0	86.7	91.9	96.6	100.7	-	

¹ See Note 1.



Issue: 22

Page 272 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27E/B1F

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

AFM Option Code <98B4S2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A16439	79,015	66,360	94.8	97.0	86.7	91.9	96.5	100.7	-	

¹ See Note 1.



Page 273 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27E/B1F

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

AFM Option Code <98B4W> (Recertification to Chapter 4, Winglets)

Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 3 / Amendment 7	Chapter ¹	4
---------------------------	-------------------------	---------------------	-------------------------	----------------------	---

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soo	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A16441	79,015	66,360	94.8	97.0	85.9	91.9	96.4	100.7	2	

¹ See Note 1.



Issue: 22

Page 274 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

7 morare Type Besignation 707 000

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B27E/B1F

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

AFM Option Code <98BWS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

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

FACA	Maximu	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16438	79,015	66,360	94.8	97.0	85.8	91.9	96.4	100.7	2

¹ See Note 1.



Noise Certification Basis

A16440

Issue: 22

Page 275 of 289 Date: 04 March 2024

2

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Edition / Amendment

94.8

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B27E/B1F

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

79,015

ICAO Annex 16, Volume I

66,360

AFM Option Code <98BWS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

Chapter¹

96.3

4

100.7

_										
	FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Can
	EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note

97.0

Edition 3 / Amendment 7

91.9

85.8

¹ See Note 1.



Issue: 22

Page 276 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B27E/B3

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

AFM Option Code <9874> (Recertification to Chapter 4)

Noise Certification Basis

ICAO Annex 16, Volume I Edition / Amendment

Edition 3 / Amendment 7

Chapter¹

4

FASA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Soc
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16448	79,015	66,360	94.4	97.0	86.9	91.9	96.5	100.7	-

¹ See Note 1.



Issue: 22

Page 277 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27E/B3

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

AFM Option Code <9874S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

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

EASA		Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
Record		Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A164	149	79,015	66,360	94.4	97.0	86.9	91.9	96.6	100.7	-

¹ See Note 1.



Page 278 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27E/B3

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

AFM Option Code <9874S2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid)

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

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		500	
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A16451	79,015	66,360	94.4	97.0	86.9	91.9	96.5	100.7	-	

¹ See Note 1.



Page 279 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27E/B3

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

AFM Option Code <9874W> (Recertification to Chapter 4, Winglets)

Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 3 / Amendment 7	Chapter ¹	4
---------------------------	-------------------------	---------------------	-------------------------	----------------------	---

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soc
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16453	79,015	66,360	94.4	97.0	86.0	91.9	96.4	100.7	2

¹ See Note 1.



Issue: 22

Page 280 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27E/B3

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

AFM Option Code <987WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16450	79,015	66,360	94.5	97.0	85.9	91.9	96.4	100.7	2

¹ See Note 1.



Noise Certification Basis

Record No.

A16452

Issue: 22

Page 281 of 289 Date: 04 March 2024

Note

2

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Edition / Amendment

Level¹

94.5

Engine Type Designation¹ Engine Manufacturer¹ **CFM International SA** CFM56-7B27E/B3

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

(kg)

79,015

ICAO Annex 16, Volume I

(kg)

66,360

AFM Option Code <987WS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

Chapter¹

Level1

96.3

4

Limit

100.7

Approach EPNL Maximum Mass Lateral EPNL Flyover EPNL EASA See Take-off¹ Landing

Limit

97.0

Edition 3 / Amendment 7

Limit

91.9

Level1

85.9

¹ See Note 1.



Issue: 22

Page 282 of 289 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27E/F

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

AFM Option Code <9874> (Recertification to Chapter 4)

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

EASA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		500	
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note	
A16424	79,015	66,360	94.4	97.0	86.9	91.9	96.5	100.7	-	

¹ See Note 1.



Issue: 22

Page 283 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B27E/F

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

AFM Option Code <9874S1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid)

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

ΓΛζΛ	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Soo
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16425	79,015	66,360	94.4	97.0	86.9	91.9	96.6	100.7	-

¹ See Note 1.



Issue: 22

Page 284 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

All clair Type Designation 737-000

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B27E/F

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

AFM Option Code <9874S2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid)

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

FACA	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16427	79,015	66,360	94.4	97.0	86.9	91.9	96.5	100.7	-

¹ See Note 1.



Page 285 of 289 Issue: 22 Date: 04 March 2024

Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ 737-800

Engine Manufacturer¹ **CFM International SA** Engine Type Designation¹ CFM56-7B27E/F

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

AFM Option Code <9874W> (Recertification to Chapter 4, Winglets)

Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 3 / Amendment 7	Chapter ¹	4
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EASA -	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Coo
Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16429	79,015	66,360	94.4	97.0	86.0	91.9	96.4	100.7	2

¹ See Note 1.



Issue: 22

Page 286 of 289 Date: 04 March 2024

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

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Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B27E/F

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

AFM Option Code <987WS1> (Recertification to Chapter 4, Short Field Performance option, 1-position tailskid, Winglets)

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

FACA	Maximu	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A16426	79,015	66,360	94.5	97.0	85.9	91.9	96.4	100.7	2

¹ See Note 1.



Noise Certification Basis

A16428

Issue: 22

Page 287 of 289 Date: 04 March 2024

2

Type Certificate Holder¹ The Boeing Company Aircraft Type Designation¹ 737-800

Edition / Amendment

94.5

Engine Manufacturer¹ CFM International SA Engine Type Designation¹ CFM56-7B27E/F

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

(kg) **79,015**

ICAO Annex 16, Volume I

(kg)

66,360

AFM Option Code <987WS2> (Recertification to Chapter 4, Short Field Performance option, 2-position tailskid, Winglets)

Chapter¹

96.3

4

100.7

FACA	Maximu	ım Mass	Latera	l EPNL	Flyove	r EPNL	Approa	ch EPNL	Can
EASA Record No.	Take-off ¹	Landing	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note

97.0

Edition 3 / Amendment 7

91.9

85.9

¹ See Note 1.



TCDSN No.: EASA.IM.A.120.4 Page 288 of 289

Issue: 22 Date: 04 March 2024

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.120.4 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.

2. Also applicable to aircraft fitted with Split Scimitar Winglets iaw STC EASA 10015323

TCDSN No.: EASA.IM.A.120.4 Page 289 of 289 Date: 04 March 2024

Issue: 22

Change Record

Issue	Date	Changes
Issue 1	24 November 2016	Initial Issue
Issue 2	01 October 2014	Revised
Issue 3	29 September 2015	Revised
Issue 4	06 April 2016	Revised
Issue 5	24 November 2016	Revised
Issue 6	27 June 2017	Revised
Issue 7	12 January 2017	Added records A121701, A121702, A121712- A121726 and A121967
Issue 8	15 June 2018	Added records A121995, A122005, A122006 and A122008
Issue 9	15 November 2018	Added records A122015, A122020, A122022, A122027, A122030,
		A122031 and A122033
Issue 10	12 April 2019	Added records A122035, A122036, A122040, A122047, A122049,
		A122051, A122052 and A122061-A122063
Issue 11	07 August 2020	Revised
Issue 12	07 September 2020	Revised
Issue 13	06 April 2021	Revised
Issue 14	25 October 2021	Added records A122710, A122714, A122717, A122718, A122721,
		A122722 and A122723
Issue 15	25 March 2022	Added records A122732, A122733, A122736, A122738, A122739 and
		A122741
Issue 16	31 August 2022	Revised
Issue 17	30 November 2022	Added records A122764, A122765 and A122766
Issue 18	27 February 2023	Added records A122770, A122789 and A122790
Issue 19	30 May 2023	Added records A122793 and A122794
Issue 20	06 September 2023	Added records A122802, A122795, A122796, A122799 and A122800
Issue 21	08 December 2023	Added records A122806, A122808, A122809 and A122810
Issue 22	04 March 2024	Added records A122812-A122814, A122816-A122820, A122822,
		A122823, A122824 and A122825