



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.120.5

for

Boeing 737

Type Certificate Holder:

The Boeing Company

1901 Oakesdale Ave SW

Renton, WA 98057-2623

USA

For models: 737-900
737-900ER



INTENTIONALLY LEFT BLANK



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

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

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

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A1857	79,015	66,360	91.8	97.0	88.4	91.9	96.5	100.7	-
A1856	78,244	65,317	91.9	97.0	88.1	91.8	96.3	100.7	-
A1855	74,389	62,595	92.0	96.8	86.7	91.5	96.1	100.5	-
A1854	70,533	58,967	92.2	96.6	85.2	91.2	95.8	100.4	-
A1853	65,317	55,338	92.5	96.3	83.2	90.8	95.5	100.1	-

¹ See Note 1.



Type Certificate Holder ¹	The Boeing Company	Aircraft Type Designation ¹	737-900
Engine Manufacturer ¹	CFM	Engine Type Designation ¹	CFM56-7B24
Additional modifications essential to meet the requirements or needed to attain the certified noise levels ¹		AFM Option Code <99244> (Recertification to Chapter 4)	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 3 / Amendment 7
		Chapter ¹	4

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A17745	79,015	66,360	91.5	97.0	88.5	91.9	96.5	100.7	-
A17746	78,244	65,317	91.6	97.0	88.2	91.8	96.5	100.7	-
A17747	74,389	62,595	91.7	96.8	86.8	91.5	96.3	100.5	-
A17748	70,533	58,967	91.9	96.6	85.3	91.2	96.0	100.4	-
A17749	65,317	55,338	92.2	96.3	83.2	90.8	95.7	100.1	-

¹ See Note 1.



Type Certificate Holder ¹	The Boeing Company	Aircraft Type Designation ¹	737-900
Engine Manufacturer ¹	CFM	Engine Type Designation ¹	CFM56-7B24/3
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		None	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 3

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A8394	79,015	66,360	91.8	97.0	88.4	91.9	96.5	100.7	-
A8395	78,244	65,317	91.9	97.0	88.1	91.8	96.3	100.7	-
A8396	74,389	62,595	92.0	96.8	86.7	91.5	96.1	100.5	-
A8397	70,533	58,967	92.2	96.6	85.2	91.2	95.8	100.4	-
A8398	65,317	55,338	92.5	96.3	83.2	90.8	95.5	100.1	-

¹ See Note 1.



Type Certificate Holder ¹	The Boeing Company	Aircraft Type Designation ¹	737-900
Engine Manufacturer ¹	CFM	Engine Type Designation ¹	CFM56-7B24/3
Additional modifications essential to meet the requirements or needed to attain the certified noise levels ¹		AFM Option Code <99244> (Recertification to Chapter 4)	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 3 / Amendment 7
		Chapter ¹	4

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A17751	79,015	66,360	91.5	97.0	88.5	91.9	96.5	100.7	-
A17752	78,244	65,317	91.6	97.0	88.2	91.8	96.5	100.7	-
A17753	74,389	62,595	91.7	96.8	86.8	91.5	96.3	100.5	-
A17754	70,533	58,967	91.9	96.6	85.3	91.2	96.0	100.4	-
A17755	65,317	55,338	92.2	96.3	83.2	90.8	95.7	100.1	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

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

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**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16740	79,015	66,360	91.8	97.0	88.4	91.9	96.5	100.7	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

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

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **AFM Option Code <99244> (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 Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A17763	79,015	66,360	91.5	97.0	88.5	91.9	96.5	100.7	-
A17764	78,244	65,317	91.6	97.0	88.2	91.8	96.5	100.7	-
A17765	74,389	62,595	91.7	96.8	86.8	91.5	96.3	100.5	-
A17766	70,533	58,967	91.9	96.6	85.3	91.2	96.0	100.4	-
A17767	65,317	55,338	92.2	96.3	83.2	90.8	95.7	100.1	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

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

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **AFM Option Code <99244> (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 Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A17757	79,015	66,360	91.5	97.0	88.5	91.9	96.5	100.7	-
A17758	78,244	65,317	91.6	97.0	88.2	91.8	96.5	100.7	-
A17759	74,389	62,595	91.7	96.8	86.8	91.5	96.3	100.5	-
A17760	70,533	58,967	91.9	96.6	85.3	91.2	96.0	100.4	-
A17761	65,317	55,338	92.2	96.3	83.2	90.8	95.7	100.1	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

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

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**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16334	79,015	66,360	91.8	97.0	88.4	91.9	96.5	100.7	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

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

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**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16778	79,015	66,360	91.8	97.0	88.4	91.9	96.5	100.7	-

¹ See Note 1.



Type Certificate Holder ¹	The Boeing Company	Aircraft Type Designation ¹	737-900
Engine Manufacturer ¹	CFM	Engine Type Designation ¹	CFM56-7B26
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		None	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 3

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A1863	79,015	66,360	93.5	97.0	87.2	91.9	96.5	100.7	-
A1862	78,244	65,317	93.5	97.0	87.0	91.8	96.3	100.7	-
A121209	76,883	66,814	93.6	96.9	86.5	91.7	96.5	100.6	-
A1861	74,389	62,595	93.7	96.8	85.6	91.5	96.1	100.5	-
A1860	70,533	58,967	93.9	96.6	84.2	91.2	95.8	100.4	-
A1859	65,317	55,338	94.2	96.3	82.3	90.8	95.5	100.1	-

¹ See Note 1.



Type Certificate Holder ¹	The Boeing Company	Aircraft Type Designation ¹	737-900
Engine Manufacturer ¹	CFM	Engine Type Designation ¹	CFM56-7B26
Additional modifications essential to meet the requirements or needed to attain the certified noise levels ¹		AFM Option Code <99264> (Recertification to Chapter 4)	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 3 / Amendment 7
		Chapter ¹	4

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A17769	79,015	66,360	93.2	97.0	87.4	91.9	96.5	100.7	-
A17770	78,244	65,317	93.2	97.0	87.1	91.8	96.5	100.7	-
A17771	74,389	62,595	93.4	96.8	85.7	91.5	96.3	100.5	-
A17772	70,533	58,967	93.6	96.6	84.2	91.2	96.0	100.4	-
A17773	65,317	55,338	93.9	96.3	82.2	90.8	95.7	100.1	-

¹ See Note 1.



Type Certificate Holder ¹	The Boeing Company	Aircraft Type Designation ¹	737-900
Engine Manufacturer ¹	CFM	Engine Type Designation ¹	CFM56-7B26/3
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		None	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 3

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A8400	79,015	66,360	93.5	97.0	87.2	91.9	96.5	100.7	-
A8401	78,244	65,317	93.5	97.0	87.0	91.8	96.3	100.7	-
A8402	74,389	62,595	93.7	96.8	85.6	91.5	96.1	100.5	-
A8403	70,533	58,967	93.9	96.6	84.2	91.2	95.8	100.4	-
A8404	65,317	55,338	94.2	96.3	82.3	90.8	95.5	100.1	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

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

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **AFM Option Code <99264> (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 Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A17775	79,015	66,360	93.2	97.0	87.4	91.9	96.5	100.7	-
A17776	78,244	65,317	93.2	97.0	87.1	91.8	96.5	100.7	-
A17777	74,389	62,595	93.4	96.8	85.7	91.5	96.3	100.5	-
A17778	70,533	58,967	93.6	96.6	84.2	91.2	96.0	100.4	-
A17779	65,317	55,338	93.9	96.3	82.2	90.8	95.7	100.1	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B26/3B1**

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

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16777	79,015	66,360	93.5	97.0	87.2	91.9	96.5	100.7	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

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

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**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16741	79,015	66,360	93.5	97.0	87.2	91.9	96.5	100.7	-

¹ See Note 1.



Type Certificate Holder ¹	The Boeing Company	Aircraft Type Designation ¹	737-900
Engine Manufacturer ¹	CFM	Engine Type Designation ¹	CFM56-7B26/3F
Additional modifications essential to meet the requirements or needed to attain the certified noise levels ¹		AFM Option Code <99264> (Recertification to Chapter 4)	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 3 / Amendment 7
		Chapter ¹	4

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A17781	79,015	66,360	93.2	97.0	87.4	91.9	96.5	100.7	-
A17782	78,244	65,317	93.2	97.0	87.1	91.8	96.5	100.7	-
A17783	74,389	62,595	93.4	96.8	85.7	91.5	96.3	100.5	-
A17784	70,533	58,967	93.6	96.6	84.2	91.2	96.0	100.4	-
A17785	65,317	55,338	93.9	96.3	82.2	90.8	95.7	100.1	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

Engine Manufacturer¹ **CFM** 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**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16372	79,015	66,360	93.5	97.0	87.2	91.9	96.5	100.7	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B26E/F**

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**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16775	79,015	66,360	93.5	97.0	87.2	91.9	96.5	100.7	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27**

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

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A1869	79,015	66,360	94.3	97.0	86.8	91.9	96.5	100.7	-
A1868	78,244	65,317	94.4	97.0	86.5	91.8	96.3	100.7	-
A1867	74,389	62,595	94.6	96.8	85.1	91.5	96.1	100.5	-
A1866	70,533	58,967	94.8	96.6	83.8	91.2	95.8	100.4	-
A1865	65,317	55,338	95.1	96.3	81.9	90.8	95.5	100.1	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **AFM Option Code <99274> (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 Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A17787	79,015	66,360	94.0	97.0	86.8	91.9	96.5	100.7	-
A17788	78,244	65,317	94.1	97.0	86.5	91.8	96.5	100.7	-
A17789	74,389	62,595	94.3	96.8	85.2	91.5	96.3	100.5	-
A17790	70,533	58,967	94.5	96.6	83.8	91.2	96.0	100.4	-
A17791	65,317	55,338	94.8	96.3	81.9	90.8	95.7	100.1	-

¹ See Note 1.



Type Certificate Holder ¹	The Boeing Company	Aircraft Type Designation ¹	737-900
Engine Manufacturer ¹	CFM	Engine Type Designation ¹	CFM56-7B27/3
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		None	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 3

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A8406	79,015	66,360	94.3	97.0	86.8	91.9	96.5	100.7	-
A8407	78,244	65,317	94.4	97.0	86.5	91.8	96.3	100.7	-
A8408	74,389	62,595	94.6	96.8	85.1	91.5	96.1	100.5	-
A8409	70,533	58,967	94.8	96.6	83.8	91.2	95.8	100.4	-
A8410	65,317	55,338	95.1	96.3	81.9	90.8	95.5	100.1	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27/3**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **AFM Option Code <99274> (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 Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A17792	79,015	66,360	94.0	97.0	86.8	91.9	96.5	100.7	-
A17793	78,244	65,317	94.1	97.0	86.5	91.8	96.5	100.7	-
A17794	74,389	62,595	94.3	96.8	85.2	91.5	96.3	100.5	-
A17795	70,533	58,967	94.5	96.6	83.8	91.2	96.0	100.4	-
A17796	65,317	55,338	94.8	96.3	81.9	90.8	95.7	100.1	-

¹ See Note 1.



Type Certificate Holder ¹	The Boeing Company	Aircraft Type Designation ¹	737-900
Engine Manufacturer ¹	CFM	Engine Type Designation ¹	CFM56-7B27/3B1
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		None	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 3

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A8412	79,015	66,360	94.7	97.0	86.6	91.9	96.5	100.7	-
A8413	78,244	65,317	94.8	97.0	86.3	91.8	96.3	100.7	-
A8414	74,389	62,595	95.0	96.8	85.0	91.5	96.1	100.5	-
A8415	70,533	58,967	95.2	96.6	83.7	91.2	95.8	100.4	-
A8416	65,317	55,338	95.5	96.3	81.8	90.8	95.5	100.1	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27/3B1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **AFM Option Code <9927B4> (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 Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A17822	79,015	66,360	94.4	97.0	86.7	91.9	96.5	100.7	-
A17823	78,244	65,317	94.4	97.0	86.4	91.8	96.5	100.7	-
A17824	74,389	62,595	94.6	96.8	85.0	91.5	96.3	100.5	-
A17825	70,533	58,967	94.8	96.6	83.6	91.2	96.0	100.4	-
A17826	65,317	55,338	95.1	96.3	81.8	90.8	95.7	100.1	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27/3B1F**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **AFM Option Code <9927B4> (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 Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A17828	79,015	66,360	94.4	97.0	86.7	91.9	96.5	100.7	-
A17829	78,244	65,317	94.4	97.0	86.4	91.8	96.5	100.7	-
A17830	74,389	62,595	94.6	96.8	85.0	91.5	96.3	100.5	-
A17831	70,533	58,967	94.8	96.6	83.6	91.2	96.0	100.4	-
A17832	65,317	55,338	95.1	96.3	81.8	90.8	95.7	100.1	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27/3B3**

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**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16743	79,015	66,360	94.3	97.0	86.8	91.9	96.5	100.7	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27/3B3**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **AFM Option Code <99274> (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 Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A17804	79,015	66,360	94.0	97.0	86.8	91.9	96.5	100.7	-
A17805	78,244	65,317	94.1	97.0	86.5	91.8	96.5	100.7	-
A17806	74,389	62,595	94.3	96.8	85.2	91.5	96.3	100.5	-
A17807	70,533	58,967	94.5	96.6	83.8	91.2	96.0	100.4	-
A17808	65,317	55,338	94.8	96.3	81.9	90.8	95.7	100.1	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27/3F**

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**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16742	79,015	66,360	94.3	97.0	86.8	91.9	96.5	100.7	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27/3F**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **AFM Option Code <99274> (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 Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A17810	79,015	66,360	94.0	97.0	86.8	91.9	96.5	100.7	-
A17811	78,244	65,317	94.1	97.0	86.5	91.8	96.5	100.7	-
A17812	74,389	62,595	94.3	96.8	85.2	91.5	96.3	100.5	-
A17813	70,533	58,967	94.5	96.6	83.8	91.2	96.0	100.4	-
A17814	65,317	55,338	94.8	96.3	81.9	90.8	95.7	100.1	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27/B1**

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

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A1893	79,015	66,360	94.7	97.0	86.6	91.9	96.5	100.7	-
A1892	78,244	65,317	94.8	97.0	86.3	91.8	96.3	100.7	-
A1891	74,389	62,595	95.0	96.8	85.0	91.5	96.1	100.5	-
A1890	70,533	58,967	95.2	96.6	83.7	91.2	95.8	100.4	-
A1889	65,317	55,338	95.5	96.3	81.8	90.8	95.5	100.1	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27/B1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **AFM Option Code <9927B4> (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 Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A17816	79,015	66,360	94.4	97.0	86.7	91.9	96.5	100.7	-
A17817	78,244	65,317	94.4	97.0	86.4	91.8	96.5	100.7	-
A17818	74,389	62,595	94.6	96.8	85.0	91.5	96.3	100.5	-
A17819	70,533	58,967	94.8	96.6	83.6	91.2	96.0	100.4	-
A17820	65,317	55,338	95.1	96.3	81.8	90.8	95.7	100.1	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27/B3**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **AFM Option Code <99274> (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 Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A17798	79,015	66,360	94.0	97.0	86.8	91.9	96.5	100.7	-
A17799	78,244	65,317	94.1	97.0	86.5	91.8	96.5	100.7	-
A17800	74,389	62,595	94.3	96.8	85.2	91.5	96.3	100.5	-
A17801	70,533	58,967	94.5	96.6	83.8	91.2	96.0	100.4	-
A17802	65,317	55,338	94.8	96.3	81.9	90.8	95.7	100.1	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27E/B1**

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**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16739	79,015	66,360	94.7	97.0	86.6	91.9	96.5	100.7	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27E/B3**

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**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16738	79,015	66,360	94.3	97.0	86.8	91.9	96.5	100.7	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27E/F**

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**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16774	79,015	66,360	94.3	97.0	86.8	91.9	96.5	100.7	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900ER**

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

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

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A5662	85,139	71,350	92.9	97.3	89.7	92.3	96.7	101.0	-
A5661	83,460	69,535	93.0	97.2	89.0	92.2	96.6	100.9	-
A5660	81,193	67,721	93.1	97.1	88.1	92.0	96.5	100.8	-
A5659	79,015	66,360	93.2	97.0	87.3	91.9	96.4	100.7	-
A5658	76,657	66,360	93.3	96.9	86.4	91.7	96.4	100.6	-
A5657	74,389	65,317	93.4	96.8	85.6	91.5	96.3	100.5	-
A5656	70,533	62,595	93.6	96.6	84.2	91.2	96.1	100.4	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900ER**

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

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **AFM option Code <9926ER> (Winglets)**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A5725	85,139	71,350	93.0	97.3	89.0	92.3	96.4	101.0	2
A5724	83,460	69,535	93.1	97.2	88.3	92.2	96.3	100.9	2
A5723	81,193	67,721	93.2	97.1	87.5	92.0	96.2	100.8	2
A5722	79,015	66,360	93.3	97.0	86.7	91.9	96.1	100.7	2
A121698	78,017	71,350	93.3	97.0	86.4	91.8	96.4	100.7	2
A5721	76,657	66,360	93.4	96.9	85.9	91.7	96.1	100.6	2
A5720	74,389	65,317	93.5	96.8	85.1	91.5	96.0	100.5	2
A5719	70,533	62,595	93.7	96.6	83.7	91.2	95.8	100.4	2

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900ER**

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

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **AFM option Code <9926ER> (Winglets)**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A121084	85,139	70,442	93.0	97.3	89.0	92.3	96.4	101.0	2
A121055	75,749	70,442	93.4	96.9	85.6	91.6	96.4	100.6	2

¹ See Note 1.



Type Certificate Holder ¹	The Boeing Company	Aircraft Type Designation ¹	737-900ER
Engine Manufacturer ¹	CFM	Engine Type Designation ¹	CFM56-7B26/3B1F
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		None	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 3 / Amendment 7
		Chapter ¹	4

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A5683	85,139	71,350	92.9	97.3	89.7	92.3	96.7	101.0	-
A5682	83,460	69,535	93.0	97.2	89.0	92.2	96.6	100.9	-
A5681	81,193	67,721	93.1	97.1	88.1	92.0	96.5	100.8	-
A5680	79,015	66,360	93.2	97.0	87.3	91.9	96.4	100.7	-
A5679	76,657	66,360	93.3	96.9	86.4	91.7	96.4	100.6	-
A5678	74,389	65,317	93.4	96.8	85.6	91.5	96.3	100.5	-
A5677	70,533	62,595	93.6	96.6	84.2	91.2	96.1	100.4	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900ER**

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

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

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A5676	85,139	71,350	92.9	97.3	89.7	92.3	96.7	101.0	-
A5675	83,460	69,535	93.0	97.2	89.0	92.2	96.6	100.9	-
A5674	81,193	67,721	93.1	97.1	88.1	92.0	96.5	100.8	-
A5673	79,015	66,360	93.2	97.0	87.3	91.9	96.4	100.7	-
A5672	76,657	66,360	93.3	96.9	86.4	91.7	96.4	100.6	-
A5671	74,389	65,317	93.4	96.8	85.6	91.5	96.3	100.5	-
A5670	70,533	62,595	93.6	96.6	84.2	91.2	96.1	100.4	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company**

Aircraft Type Designation¹ **737-900ER**

Engine Manufacturer¹ **CFM**

Engine Type Designation¹ **CFM56-7B26/3F**

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

AFM option Code <9926ER> (Winglets)

Noise Certification Basis **ICAO Annex 16, Volume I**

Edition / Amendment

Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A5739	85,139	71,350	93.0	97.3	89.0	92.3	96.4	101.0	2
A5738	83,460	69,535	93.1	97.2	88.3	92.2	96.3	100.9	2
A5737	81,193	67,721	93.2	97.1	87.5	92.0	96.2	100.8	2
A5736	79,015	66,360	93.3	97.0	86.7	91.9	96.1	100.7	2
A5735	76,657	66,360	93.4	96.9	85.9	91.7	96.1	100.6	2
A5734	74,389	65,317	93.5	96.8	85.1	91.5	96.0	100.5	2
A5733	70,533	62,595	93.7	96.6	83.7	91.2	95.8	100.4	2

¹ See Note 1.



Type Certificate Holder ¹	The Boeing Company	Aircraft Type Designation ¹	737-900ER
Engine Manufacturer ¹	CFM	Engine Type Designation ¹	CFM56-7B26E
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		None	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 4

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16746	85,139	71,350	92.9	97.3	89.7	92.3	96.7	101.0	-
A16747	79,015	66,360	93.2	97.0	87.3	91.9	96.4	100.7	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900ER**

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

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **AFM option Code <9926ER> (Winglets)**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16744	85,139	71,350	93.0	97.3	89.0	92.3	96.4	101.0	2
A121085	85,139	69,082	93.0	97.3	89.0	92.3	96.3	101.0	2
A120617	79,015	69,082	93.3	97.0	86.7	91.9	96.3	100.7	2
A16745	79,015	66,360	93.3	97.0	86.7	91.9	96.1	100.7	2

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900ER**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27**

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

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A5690	85,139	71,350	93.7	97.3	89.1	92.3	96.7	101.0	-
A5689	83,460	69,535	93.8	97.2	88.5	92.2	96.6	100.9	-
A5688	81,193	67,721	93.9	97.1	87.6	92.0	96.5	100.8	-
A5687	79,015	66,360	94.0	97.0	86.8	91.9	96.4	100.7	-
A5686	76,657	66,360	94.2	96.9	86.0	91.7	96.4	100.6	-
A5685	74,389	65,317	94.3	96.8	85.2	91.5	96.3	100.5	-
A5684	70,533	62,595	94.5	96.6	83.8	91.2	96.1	100.4	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900ER**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **AFM Option Code <9927ER> (Winglets)**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A5753	85,139	71,350	93.8	97.3	88.4	92.3	96.4	101.0	2
A5752	83,460	69,535	93.9	97.2	87.8	92.2	96.3	100.9	2
A5751	81,193	67,721	94.0	97.1	87.0	92.0	96.2	100.8	2
A5750	79,015	66,360	94.1	97.0	86.3	91.9	96.1	100.7	2
A5749	76,657	66,360	94.2	96.9	85.5	91.7	96.1	100.6	2
A5748	74,389	65,317	94.4	96.8	84.6	91.5	96.0	100.5	2
A5747	70,533	62,595	94.6	96.6	83.3	91.2	95.8	100.4	2

¹ See Note 1.



Type Certificate Holder ¹	The Boeing Company	Aircraft Type Designation ¹	737-900ER
Engine Manufacturer ¹	CFM	Engine Type Designation ¹	CFM56-7B27/3B1F
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		None	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 3 / Amendment 7
		Chapter ¹	4

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A5718	85,139	71,350	94.1	97.3	88.9	92.3	96.7	101.0	-
A5717	83,460	69,535	94.2	97.2	88.3	92.2	96.6	100.9	-
A5716	81,193	67,721	94.3	97.1	87.5	92.0	96.5	100.8	-
A5715	79,015	66,360	94.4	97.0	86.7	91.9	96.4	100.7	-
A5714	76,657	66,360	94.5	96.9	85.9	91.7	96.4	100.6	-
A5713	74,389	65,317	94.6	96.8	85.1	91.5	96.3	100.5	-
A5712	70,533	62,595	94.9	96.6	83.7	91.2	96.1	100.4	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900ER**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27/3B1F**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **AFM Option Code <997BER> (Winglets)**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A5781	85,139	71,350	94.2	97.3	88.3	92.3	96.4	101.0	2
A5780	83,460	69,535	94.3	97.2	87.7	92.2	96.3	100.9	2
A5779	81,193	67,721	94.4	97.1	86.9	92.0	96.2	100.8	2
A5778	79,015	66,360	94.5	97.0	86.1	91.9	96.1	100.7	2
A5777	76,657	66,360	94.6	96.9	85.3	91.7	96.1	100.6	2
A5776	74,389	65,317	94.7	96.8	84.6	91.5	96.0	100.5	2
A5775	70,533	62,595	94.9	96.6	83.2	91.2	95.8	100.4	2

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900ER**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27/3F**

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

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A5704	85,139	71,350	93.7	97.3	89.1	92.3	96.7	101.0	-
A5703	83,460	69,535	93.8	97.2	88.5	92.2	96.6	100.9	-
A5702	81,193	67,721	93.9	97.1	87.6	92.0	96.5	100.8	-
A5701	79,015	66,360	94.0	97.0	86.8	91.9	96.4	100.7	-
A5700	76,657	66,360	94.2	96.9	86.0	91.7	96.4	100.6	-
A5699	74,389	65,317	94.3	96.8	85.2	91.5	96.3	100.5	-
A5698	70,533	62,595	94.5	96.6	83.8	91.2	96.1	100.4	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company**

Aircraft Type Designation¹ **737-900ER**

Engine Manufacturer¹ **CFM**

Engine Type Designation¹ **CFM56-7B27/3F**

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

AFM Option Code <9927ER> (Winglets)

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A5767	85,139	71,350	93.8	97.3	88.4	92.3	96.4	101.0	2
A5766	83,460	69,535	93.9	97.2	87.8	92.2	96.3	100.9	2
A5765	81,193	67,721	94.0	97.1	87.0	92.0	96.2	100.8	2
A5764	79,015	66,360	94.1	97.0	86.3	91.9	96.1	100.7	2
A5763	76,657	66,360	94.2	96.9	85.5	91.7	96.1	100.6	2
A5762	74,389	65,317	94.4	96.8	84.6	91.5	96.0	100.5	2
A5761	70,533	62,595	94.6	96.6	83.3	91.2	95.8	100.4	2

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900ER**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27/B1**

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

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A5711	85,139	71,350	94.1	97.3	88.9	92.3	96.7	101.0	-
A5710	83,460	69,535	94.2	97.2	88.3	92.2	96.6	100.9	-
A5709	81,193	67,721	94.3	97.1	87.5	92.0	96.5	100.8	-
A5708	79,015	66,360	94.4	97.0	86.7	91.9	96.4	100.7	-
A5707	76,657	66,360	94.5	96.9	85.9	91.7	96.4	100.6	-
A5706	74,389	65,317	94.6	96.8	85.1	91.5	96.3	100.5	-
A5705	70,533	62,595	94.9	96.6	83.7	91.2	96.1	100.4	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company**

Aircraft Type Designation¹ **737-900ER**

Engine Manufacturer¹ **CFM**

Engine Type Designation¹ **CFM56-7B27/B1**

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

AFM Option Code <997BER> (Winglets)

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A5774	85,139	71,350	94.2	97.3	88.3	92.3	96.4	101.0	2
A5773	83,460	69,535	94.3	97.2	87.7	92.2	96.3	100.9	2
A5772	81,193	67,721	94.4	97.1	86.9	92.0	96.2	100.8	2
A5771	79,015	66,360	94.5	97.0	86.1	91.9	96.1	100.7	2
A5770	76,657	66,360	94.6	96.9	85.3	91.7	96.1	100.6	2
A5769	74,389	65,317	94.7	96.8	84.6	91.5	96.0	100.5	2
A5768	70,533	62,595	94.9	96.6	83.2	91.2	95.8	100.4	2

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900ER**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27/B3**

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

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A5697	85,139	71,350	93.7	97.3	89.1	92.3	96.7	101.0	-
A5696	83,460	69,535	93.8	97.2	88.5	92.2	96.6	100.9	-
A5695	81,193	67,721	93.9	97.1	87.6	92.0	96.5	100.8	-
A5694	79,015	66,360	94.0	97.0	86.8	91.9	96.4	100.7	-
A5693	76,657	66,360	94.2	96.9	86.0	91.7	96.4	100.6	-
A5692	74,389	65,317	94.3	96.8	85.2	91.5	96.3	100.5	-
A5691	70,533	62,595	94.5	96.6	83.8	91.2	96.1	100.4	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company**

Aircraft Type Designation¹ **737-900ER**

Engine Manufacturer¹ **CFM**

Engine Type Designation¹ **CFM56-7B27/B3**

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

AFM Option Code <9927ER> (Winglets)

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A5760	85,139	71,350	93.8	97.3	88.4	92.3	96.4	101.0	2
A5759	83,460	69,535	93.9	97.2	87.8	92.2	96.3	100.9	2
A5758	81,193	67,721	94.0	97.1	87.0	92.0	96.2	100.8	2
A5757	79,015	66,360	94.1	97.0	86.3	91.9	96.1	100.7	2
A5756	76,657	66,360	94.2	96.9	85.5	91.7	96.1	100.6	2
A5755	74,389	65,317	94.4	96.8	84.6	91.5	96.0	100.5	2
A5754	70,533	62,595	94.6	96.6	83.3	91.2	95.8	100.4	2

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900ER**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27E**

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 **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16750	85,139	71,350	93.7	97.3	89.1	92.3	96.7	101.0	-
A16751	79,015	66,360	94.0	97.0	86.8	91.9	96.4	100.7	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900ER**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27E**

Additional modifications essential to meet the requirements or needed to attain the
certificated noise levels¹ **AFM Option Code <9927ER> (Winglets)**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16748	85,139	71,350	93.8	97.3	88.4	92.3	96.4	101.0	2
A16749	79,015	66,360	94.1	97.0	86.3	91.9	96.1	100.7	2

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900ER**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27E/B1**

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 **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16754	85,139	71,350	94.1	97.3	88.9	92.3	96.7	101.0	-
A16755	79,015	66,360	94.4	97.0	86.7	91.9	96.4	100.7	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900ER**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27E/B1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **AFM Option Code <997BER> (Winglets)**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16752	85,139	71,350	94.2	97.3	88.3	92.3	96.4	101.0	2
A16753	79,015	66,360	94.5	97.0	86.1	91.9	96.1	100.7	2

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900ER**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27E/B1F**

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 **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16443	85,139	71,350	94.1	97.3	88.9	92.3	96.7	101.0	-

¹ See Note 1.



Type Certificate Holder ¹	The Boeing Company	Aircraft Type Designation ¹	737-900ER
Engine Manufacturer ¹	CFM	Engine Type Designation ¹	CFM56-7B27E/B1F
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		AFM Option Code <997BER> (Winglets)	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 4

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16442	85,139	71,350	94.2	97.3	88.3	92.3	96.4	101.0	2

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900ER**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27E/B3**

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 **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16758	85,139	71,350	93.7	97.3	89.1	92.3	96.7	101.0	-
A16759	79,015	66,360	94.0	97.0	86.8	91.9	96.4	100.7	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900ER**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27E/B3**

Additional modifications essential to meet the requirements or needed to attain the
certificated noise levels¹ **AFM Option Code <9927ER> (Winglets)**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16756	85,139	71,350	93.8	97.3	88.4	92.3	96.4	101.0	2
A16757	79,015	66,360	94.1	97.0	86.3	91.9	96.1	100.7	2

¹ See Note 1.



Type Certificate Holder ¹	The Boeing Company	Aircraft Type Designation ¹	737-900ER
Engine Manufacturer ¹	CFM	Engine Type Designation ¹	CFM56-7B27E/F
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		None	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 4

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16431	85,139	71,350	93.7	97.3	89.1	92.3	96.7	101.0	-

¹ See Note 1.



Type Certificate Holder¹ **The Boeing Company** Aircraft Type Designation¹ **737-900ER**

Engine Manufacturer¹ **CFM** Engine Type Designation¹ **CFM56-7B27E/F**

Additional modifications essential to meet the requirements or needed to attain the
certificated noise levels¹ **AFM Option Code <9927ER> (Winglets)**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16430	85,139	71,350	93.8	97.3	88.4	92.3	96.4	101.0	2

¹ See Note 1.



TCDSN EASA.IM.A.120.5 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

Change Record

Issue	Date	Changes
Issue 1	12 December 2013	Initial Issue
Issue 2	27 April 2015	Revised
Issue 3	05 April 2016	Added records A121055, A121084, A121085 and A121209
Issue 4	15 June 2018	Added record A121698

-END-