



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.211

for

Boeing 717

Type Certificate Holder:

McDonnell Douglas Corporation

3855 Lakewood Boulevard

Long Beach, California 90846-0001

United States of America

For models: 717-200
MD-90-30



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Type Certificate Holder¹ **McDonnell Douglas Corporation** Aircraft Type Designation¹ **717-200**

Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **BR700-715A1-30**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **"Modified Production" (Fan case damping, Hardwall borescope covers, Hardwall access panels, Hardwall exhaust cone)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 6** 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	
A1331	54,884	49,895	89.0	95.7	84.1	89.8	92.1	99.5	-
A1332	53,523	47,173	89.0	95.6	83.3	89.6	91.7	99.4	-
A14416	53,499	48,987	89.0	95.6	83.3	89.6	92.0	99.4	-
A1333	51,709	46,266	89.1	95.5	82.3	89.4	91.6	99.3	-
A1334	49,895	44,452	89.2	95.3	81.4	89.2	91.3	99.2	-
A1335	47,400	44,452	89.2	95.1	80.1	89.0	91.3	99.0	-

¹ See Note 1.



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Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **BR700-715A1-30**

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	
A1321	54,884	49,895	89.0	95.7	84.0	89.8	91.6	99.5	-
A1322	53,523	47,173	89.0	95.6	83.2	89.6	91.4	99.4	-
A14415	53,499	48,987	89.0	95.6	83.2	89.6	91.5	99.4	-
A6680	52,616	46,720	89.1	95.5	82.7	89.5	91.4	99.4	-
A1323	51,709	46,266	89.1	95.5	82.1	89.4	91.4	99.3	-
A1324	49,895	44,452	89.2	95.3	81.0	89.2	91.3	99.2	-
A1325	47,400	44,452	89.2	95.1	79.6	89.0	91.3	99.0	-

¹ See Note 1.



Type Certificate Holder¹ **McDonnell Douglas Corporation** Aircraft Type Designation¹ **717-200**

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Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **"Modified Production" (Fan case damping, Hardwall borescope covers, Hardwall access panels, Hardwall exhaust cone)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 6** 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	
A1336	54,884	49,895	91.5	95.7	82.2	89.8	92.1	99.5	-
A118976	53,523	49,895	91.6	95.6	81.4	89.6	92.1	99.4	-
A1337	53,523	47,173	91.6	95.6	81.4	89.6	91.7	99.4	-
A120649	53,499	48,987	91.6	95.6	81.4	89.6	92.0	99.4	-
A118968	52,616	46,266	91.6	95.5	80.9	89.5	91.6	99.4	-
A1338	51,709	46,266	91.6	95.5	80.6	89.4	91.6	99.3	-
A17288	51,709	45,359	91.6	95.5	80.6	89.4	91.4	99.3	-
A118972	50,802	46,266	91.6	95.4	80.1	89.3	91.6	99.3	-
A118974	50,802	45,359	91.6	95.4	80.1	89.3	91.4	99.3	-
A1339	49,895	44,452	91.6	95.3	79.7	89.2	91.3	99.2	-

¹ See Note 1.

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Type Certificate Holder¹ **McDonnell Douglas Corporation** Aircraft Type Designation¹ **717-200**

Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **BR700-715C1-30**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **"Modified Production" (Fan case damping, Hardwall borescope covers, Hardwall access panels, Hardwall exhaust cone)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 6** 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	
A118975	48,987	46,266	91.7	95.3	79.3	89.1	91.6	99.1	-
A118973	48,987	45,359	91.7	95.3	79.3	89.1	91.4	99.1	-
A1340	47,400	44,452	91.7	95.1	78.7	89.0	91.3	99.0	-

¹ See Note 1.



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Engine Manufacturer¹ **Rolls-Royce** Engine Type Designation¹ **BR700-715C1-30**

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	
A1326	54,884	49,895	91.5	95.7	82.1	89.8	91.6	99.5	-
A1327	53,523	47,173	91.6	95.6	81.4	89.6	91.4	99.4	-
A120648	53,499	48,987	91.6	95.6	81.4	89.6	91.4	99.4	-
A1328	51,709	46,266	91.6	95.5	80.4	89.4	91.4	99.3	-
A1329	49,895	44,452	91.7	95.3	79.4	89.2	91.3	99.2	-
A1330	47,400	44,452	91.7	95.1	78.1	89.0	91.3	99.0	-

¹ See Note 1.



Type Certificate Holder¹ **McDonnell Douglas Corporation** Aircraft Type Designation¹ **MD-90-30**

Engine Manufacturer¹ **International Aero Engine** Engine Type Designation¹ **V2525-D5**

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	
A3894	75,296	64,410	88.8	96.8	84.2	91.6	91.9	100.6	-
A14192	72,802	64,410	88.9	96.7	83.2	91.4	91.9	100.5	-
A14193	70,760	64,410	88.9	96.6	82.3	91.2	91.9	100.4	-
A14194	65,771	61,235	89.1	96.3	80.3	90.8	91.8	100.1	-
A3892	61,235	58,967	89.2	96.1	78.3	90.4	91.7	99.9	-

¹ See Note 1.



Type Certificate Holder¹ **McDonnell Douglas Corporation** Aircraft Type Designation¹ **MD-90-30**

Engine Manufacturer¹ **International Aero Engine** Engine Type Designation¹ **V2528-D5**

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	
A1903	76,204	64,410	90.9	96.9	83.0	91.7	91.9	100.6	-
A3895	75,296	64,410	91.0	96.8	82.6	91.6	91.9	100.6	-
A14195	72,802	64,410	91.0	96.7	81.7	91.4	91.9	100.5	-
A14196	70,760	64,410	91.1	96.6	80.9	91.2	91.9	100.4	-
A14197	65,771	61,235	91.3	96.3	78.9	90.8	91.8	100.1	-
A3893	61,235	58,967	91.4	96.1	77.2	90.4	91.7	99.9	-

¹ See Note 1.



TCDSN EASA.IM.A.211 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.

Change Record

Issue	Date	Changes
Issue 1	12 January 2010	Initial Issue
Issue 2	11 March 2010	Added records A14192 to A14197
Issue 3	22 November 2010	Added records A14415 and A14416
Issue 4	11 July 2012	Added record A17288
Issue 5	09 April 2013	Added records A118968, A118972, A118973, A118974, A118975, A118976
Issue 6	22 June 2015	Added records A120648 and A120649
Issue 7	01 September 2015	Harmonized records regarding MTOM and MLM

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