

TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.570

for

BD-500

Type Certificate Holder: Airbus Canada Limited Partnership 13100 Henri-Fabre Blvd. Mirabel, Québec, Canada J7N 3C6

For models: BD-500-1A10 BD-500-1A11



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TCDSN No.: EASA.IM.A.570 Issue: 13)								Page 3 of 9 Date: 05 July 2023	
Type Certificate Holder	¹ Airbus (Canada Limited P	artnership			Type Designation ercial Designation				
Engine Manufacturer ¹	Pratt &	Whitney			Engine 1	Type Designation	¹ PW1519	G		
Additional modification certificated noise levels		eet the requirem	ents or needed t	o attain the	None					
Noise Certification Basi	s ICAO Ar	nnex 16, Volume	l Editi	on / Amendment	Edition	8 / Amendment	13 Chapter ¹	14		
5464	Maximu	ım Mass	Latera	I EPNL	Flyove	er EPNL	Approac	h EPNL		
EASA Record No.	Take-off ¹	Landing ¹	l evel ¹	Limit	l evel ¹	Limit	l evel ¹	Limit	See Note	

96.2

Level¹

83.3

Limit

90.6

Level¹

91.9

Level¹

85.2

(kg)

54,658

(kg)

63,730

¹ See Note 1.



A19697

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Limit

	CDSN No.: EASA.IM.A.57 sue: 13	D								Page 4 of 9 Date: 05 July 2023	
Т	ype Certificate Holder	¹ Airbus (Canada Limited P	artnership			Type Designation ercial Designation		-		
E	ingine Manufacturer ¹	Pratt &	Whitney			Engine T	ype Designation	¹ PW1521	G		
	Additional modification ertificated noise levels		eet the requirem	ents or needed to	o attain the	None					
٩	Noise Certification Basi	s ICAO Ar	nnex 16, Volume	l Editio	on / Amendment	Edition 8	8 / Amendment	13 Chapter	14		
	F ACA	Maximu	um Mass	Latera	I EPNL	Flyove	r EPNL	Approa	ch EPNL	C	
	EASA Record No.	Take-off ¹	Landing ¹	l evel ¹	Limit	l evel ¹	Limit	l evel ¹	Limit	See Note	

96.2

Level¹

81.5

Limit

90.6

Level¹

91.9

Level¹

86.5

(kg)

54,658

(kg)

63,730

¹ See Note 1.



A19700

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Limit

TCDSN No.: EASA.IM.A.57 Issue: 13	0								Page 5 of 9 Date: 05 July 2023
Type Certificate Holder	⁻¹ Airbus (Canada Limited PartnershipAircraft Type Designation1BD-500-1A10(Commercial DesignationA220-100)							
Engine Manufacturer ¹	Pratt &	Whitney			Engine 1	Type Designation	¹ PW15240	6	
Additional modificatior certificated noise levels		eet the requirem	ents or needed t	o attain the	None				
Noise Certification Bas	is ICAO Ai	nnex 16, Volume	l Editi	on / Amendment	Edition	8 / Amendment	13 Chapter ¹	14	
FACA	Maxim	um Mass	Latera	I EPNL	Flyove	er EPNL	Approacl	n EPNL	6
EASA Record No.	Take-off ¹	Landing ¹	Lovol ¹	Limit	l evel ¹	Limit	l evel ¹	Limit	See Note

96.2

Level¹

79.9

Limit

90.6

Level¹

91.9

Level¹

87.9

(kg)

54,658

(kg)

63,730

¹ See Note 1.



Record No.

A19701

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Note

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Limit

TCDSN No.: EASA.IM.A.570 Issue: 13)								Page 6 of 9 Date: 05 July 2023	
Type Certificate Holder	¹ Airbus (Canada Limited P	artnership			Type Designation ercial Designation				
Engine Manufacturer ¹	Pratt &	Whitney			Engine T	ype Designation	¹ PW1521	G-3		
Additional modification certificated noise levels		eet the requirem	ents or needed t	o attain the	None					
Noise Certification Basi	s ICAO Ar	nnex 16, Volume	l Editi	on / Amendment	Edition	8 / Amendment	13 Chapter ¹	14		
FACA	Maximu	ım Mass	Latera	I EPNL	Flyove	r EPNL	Approad	h EPNL	6	
EASA Record No.	Take-off ¹	Landing ¹	l evel ¹	Limit	l evel ¹	Limit	l evel ¹	Limit	See Note	

96.6

Level¹

84.5

Limit

91.2

Level¹

92.4

Level¹

86.0

(kg)

58,740

(kg)

70,896

¹ See Note 1.



A19677

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Limit

TCDSN No.: EASA.IM.A.57 Issue: 13	0								Page 7 of 9 Date: 05 July 2023
Type Certificate Holder	⁻¹ Airbus (Airbus Canada Limited PartnershipAircraft Type Designation1BD-500-1A11(Commercial DesignationA220-300)							
Engine Manufacturer ¹	Pratt &	Whitney			Engine 1	Type Designation	¹ PW15240	<u>3-3</u>	
Additional modificatior certificated noise levels		eet the requirem	ents or needed t	o attain the	None				
Noise Certification Bas	is ICAO Ai	nnex 16, Volume	I Editi	on / Amendment	Edition	8 / Amendment	13 Chapter ¹	14	
FACA	Maxim	um Mass	Latera	I EPNL	Flyove	er EPNL	Approacl	h EPNL	6
EASA Record No.	Take-off ¹	Landing ¹	Level ¹	Limit	l evel ¹	Limit	Level ¹	Limit	See Note

96.6

Level¹

82.6

Limit

91.2

Level¹

92.4

Level¹

87.4

(kg)

58,740

(kg)

70,896

¹ See Note 1.



Record No.

A19679

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Note

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Limit

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.570 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
lssue 1	18 November 2015	Initial issue
Issue 2	07 October 2016	Added BD-500-1A11 (CS300)
Issue 3	18 November 2016	CS300 additional weights added
Issue 4	26 April 2017	Added CS300 fitted with PW1524G-3 engines
lssue 5	02 October 2017	Transfer of TC to C Series Aircraft Limited Partnership
lssue 6	31 January 2018	CS300: weight variants displayed in this TCDSN aligned with the weight variants contained in issue 10 of TCDS EASA.IM.A.570
lssue 7	01 June 2019	Re-Naming of C Series Aircraft Limited Partnership to Airbus Canada Limited Partnership; Commercial designations revised from CS100 & CS300 to A220-100 & A220-300.
Issue 8	12 March 2021	Added new MTOM of 70,896 kg for model BD-500-1A11 (Added records A19677 and A19679 and removed records A19141 and A19142)
Issue 9	18 October 2021	Added PW1521G for BD-500-1A10 (added record A19689)
lssue 10	09 September 2022	Added new MTOM of 63,730 kg and new MLM of 54.658 kg for model BD-500-1A10 (Added records A19700 and A19701 and removed records A19689 and A19117)
lssue 11	02 December 2022	Revised Amendment and Chapter of Annex 16 for BD-500-1A11
lssue 12	09 May 2023	Added record A19697 for BD-500-1A10 (A220-100) fitted with PW1519G engines
Issue 13	05 July 2023	Revised Amendment and Chapter of Annex 16 for BD-500-1A10

