



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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Type Certificate Holder¹ **Airbus Canada Limited Partnership**

Aircraft Type Designation¹ **BD-500-1A10**
(Commercial Designation **A220-100**)

Engine Manufacturer¹ **Pratt & Whitney**

Engine Type Designation¹ **PW1521G**

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 8 / Amendment 13** 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	
A19700	63,730	54,658	86.5	96.2	81.5	90.6	91.9	100.0	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus Canada Limited Partnership** Aircraft Type Designation¹ **BD-500-1A10**
(Commercial Designation **A220-100**)

Engine Manufacturer¹ **Pratt & Whitney** Engine Type Designation¹ **PW1524G**

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 **Edition 8 / Amendment 13** 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	
A19701	63,730	54,658	87.9	96.2	79.9	90.6	91.9	100.0	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus Canada Limited Partnership**

Aircraft Type Designation¹ **BD-500-1A11**
(Commercial Designation **A220-300**)

Engine Manufacturer¹ **Pratt & Whitney**

Engine Type Designation¹ **PW1521G-3**

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 6 / Amendment 10** 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	
A19677	70,896	58,740	86.0	96.6	84.5	91.2	92.4	100.4	-

¹ See Note 1.



Type Certificate Holder¹ **Airbus Canada Limited Partnership**

Aircraft Type Designation¹ **BD-500-1A11**
(Commercial Designation **A220-300**)

Engine Manufacturer¹ **Pratt & Whitney**

Engine Type Designation¹ **PW1524G-3**

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 6 / Amendment 10** 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	
A19679	70,896	58,740	87.4	96.6	82.6	91.2	92.4	100.4	-

¹ See Note 1.



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
Issue 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
Issue 5	02 October 2017	Transfer of TC to C Series Aircraft Limited Partnership
Issue 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
Issue 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)
Issue 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)

