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# TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.IM.A.570**

**for**

**BD-500 (A220 SERIES)**

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

For models: BD-500-1A10 (A220-100)  
BD-500-1A11 (A220-300)

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Type Certificate Holder<sup>1</sup>      **Airbus Canada Limited Partnership**      Aircraft Type Designation<sup>1</sup>      **BD-500-1A10**  
(Commercial Designation      **A220-100** )

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney**      Engine Type Designation<sup>1</sup>      **PW1524G**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 6 / Amendment 10**      Chapter<sup>1</sup>      **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A19117	<b>60,781</b>	<b>52,390</b>	<b>88.0</b>	<b>96.0</b>	<b>78.8</b>	<b>90.4</b>	<b>91.5</b>	<b>99.9</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Airbus Canada Limited Partnership**      Aircraft Type Designation<sup>1</sup>      **BD-500-1A11**  
(Commercial Designation)      **A220-300)**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney**      Engine Type Designation<sup>1</sup>      **PW1521G-3**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 6 / Amendment 10**      Chapter<sup>1</sup>      **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A19142	<b>67,585</b>	<b>58,740</b>	<b>86.4</b>	<b>96.4</b>	<b>83.3</b>	<b>91.0</b>	<b>92.4</b>	<b>100.2</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Airbus Canada Limited Partnership**      Aircraft Type Designation<sup>1</sup>      **BD-500-1A11**  
(Commercial Designation)      **A220-300)**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney**      Engine Type Designation<sup>1</sup>      **PW1524G-3**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 6 / Amendment 10**      Chapter<sup>1</sup>      **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A19141	<b>67,585</b>	<b>58,740</b>	<b>87.8</b>	<b>96.4</b>	<b>81.2</b>	<b>91.0</b>	<b>92.4</b>	<b>100.2</b>	-

<sup>1</sup> See Note 1.



**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.

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