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## TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.IM.A.643**

**for**

**CL-215**

**Type Certificate Holder:**

**DE HAVILLAND AIRCRAFT OF CANADA LIMITED**

4100 Westwinds Drive, NE

Calgary AB T3J 4L2

CANADA

For models:

CL-215-1A10

CL-215-6B11



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Type Certificate Holder<sup>1</sup>      **DE HAVILLAND AIRCRAFT OF CANADA LIMITED**      Aircraft Type Designation<sup>1</sup>      **CL-215-1A10**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada Corp.**      Engine Type Designation<sup>1</sup>      **Double Wasp CA3**

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      Chapter<sup>1</sup>      -

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral / Full Power 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	
B1300	Hamilton Sundstrand	<b>43E60-()/6093A-10S</b>	<b>19,731</b>	<b>15,604</b>	-	-	-	-	-	-	<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **DE HAVILLAND AIRCRAFT OF CANADA LIMITED**      Aircraft Type Designation<sup>1</sup>      **CL-215-1A10**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada Corp.**      Engine Type Designation<sup>1</sup>      **Double Wasp CA3**

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      Chapter<sup>1</sup>      -

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral / Full Power 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	
B1303	Hamilton Sundstrand	<b>43E60-()/6093A-10S</b>	<b>16,329</b>	<b>16,103</b>	-	-	-	-	-	-	<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **DE HAVILLAND AIRCRAFT OF CANADA LIMITED**      Aircraft Type Designation<sup>1</sup>      **CL-215-1A10**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada Corp.**      Engine Type Designation<sup>1</sup>      **Double Wasp CA3**

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      Chapter<sup>1</sup>      -

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral / Full Power 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	
B1301	Hamilton Sundstrand	<b>43E60-()/6901S-10</b>	<b>19,731</b>	<b>15,604</b>	-	-	-	-	-	-	<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **DE HAVILLAND AIRCRAFT OF CANADA LIMITED**      Aircraft Type Designation<sup>1</sup>      **CL-215-1A10**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada Corp.**      Engine Type Designation<sup>1</sup>      **Double Wasp CA3**

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      Chapter<sup>1</sup>      -

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral / Full Power 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	
B1304	Hamilton Sundstrand	<b>43E60-()/6901S-10</b>	<b>16,329</b>	<b>16,103</b>	-	-	-	-	-	-	<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **DE HAVILLAND AIRCRAFT OF CANADA LIMITED**      Aircraft Type Designation<sup>1</sup>      **CL-215-1A10**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada Corp.**      Engine Type Designation<sup>1</sup>      **Double Wasp CA3**

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      Chapter<sup>1</sup>      -

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral / Full Power 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	
B1302	Hamilton Sundstrand	<b>43E60-()/6903A-10</b>	<b>19,731</b>	<b>15,604</b>	-	-	-	-	-	-	<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **DE HAVILLAND AIRCRAFT OF CANADA LIMITED**      Aircraft Type Designation<sup>1</sup>      **CL-215-1A10**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada Corp.**      Engine Type Designation<sup>1</sup>      **Double Wasp CA3**

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      Chapter<sup>1</sup>      -

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral / Full Power 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	
B1305	Hamilton Sundstrand	<b>43E60-()/6903A-10</b>	<b>16,329</b>	<b>16,103</b>	-	-	-	-	-	-	<b>2</b>

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





Type Certificate Holder<sup>1</sup>      **DE HAVILLAND AIRCRAFT OF CANADA LIMITED**      Aircraft Type Designation<sup>1</sup>      **CL-215-6B11**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada Corp.**      Engine Type Designation<sup>1</sup>      **PW123AF**

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 2 / Amendment 3**      Chapter<sup>1</sup>      **3**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral / Full Power 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	
B62	Hamilton Sundstrand	<b>14SF-17</b>	<b>17,168</b>	<b>16,783</b>	<b>87.4</b>	<b>94.0</b>	<b>80.9</b>	<b>89.0</b>	<b>99.8</b>	<b>98.0</b>	<b>3</b>

<sup>1</sup> 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

**Note:** This table is for information purposes only. It links the applicable noise requirements in Volume I of ICAO Annex 16 to the corresponding Appendices to that Volume, which were listed as acceptable means of compliance in CS-36. With the adoption of Regulation (EU) 2018/1139 (i.e. from Amendment 12 to Volume I of ICAO Annex 16) these Appendices became part of the applicable noise requirements. Their reference was removed in Amendment 6 to CS-36 and this table will not be updated further.

### **TCDSN EASA.IM.A.643 Notes**

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. This aircraft type conforms with the provisions of Art 9 (2) of Regulation 2018/1139 without the need to comply with the Standards of ICAO Annex 16, Volume I, by virtue of being specifically designed for fire fighting purposes.
3. Only individual aircraft for Search And Rescue need to comply with the Standards of ICAO Annex 16, Volume I, others conform with the provisions of Art 9 (2) of Regulation 2018/1139 by virtue of being specifically designed for fire fighting purposes.



### **Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
01	01 June 2023	Initial Issue
02	15 December 2024	TC holder changed

