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# TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.A.186**

**for**

**CN-235 / C-295**

**Type Certificate Holder:**

**Airbus Defence and Space SA**

Calle Aviocar, 2

28906 Getafe

Madrid

SPAIN

For models:

C-295

CN-235

CN-235-100

CN-235-200

CN-235-300



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Type Certificate Holder<sup>1</sup>      **Airbus Defence and Space SA**      Aircraft Type Designation<sup>1</sup>      **C-295**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada Corp.**      Engine Type Designation<sup>1</sup>      **PW 127G**

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>      **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	
B1087	Hamilton Sundstrand	HSD 568F-5/R815505-4	21,000	20,700	88.2	94.0	87.1	89.0	93.8	98.0	-

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



Type Certificate Holder<sup>1</sup>      **Airbus Defence and Space SA**      Aircraft Type Designation<sup>1</sup>      **CN-235**

Engine Manufacturer<sup>1</sup>      **General Electric Company**      Engine Type Designation<sup>1</sup>      **CT7-7A**

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>      **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	
B1082	Hamilton Sundstrand	<b>14RF-21/RFC111L1-0C</b>	<b>14,400</b>	<b>14,200</b>	<b>86.5</b>	<b>94.0</b>	<b>84.5</b>	<b>89.0</b>	<b>87.2</b>	<b>98.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Airbus Defence and Space SA**      Aircraft Type Designation<sup>1</sup>      **CN-235-100**

Engine Manufacturer<sup>1</sup>      **General Electric Company**      Engine Type Designation<sup>1</sup>      **CT7-9C**

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>      **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	
B1081	Hamilton Sundstrand	<b>14RF-21/RFC11R1-0C</b>	<b>15,100</b>	<b>14,900</b>	<b>87.8</b>	<b>94.0</b>	<b>85.3</b>	<b>89.0</b>	<b>87.2</b>	<b>98.0</b>	-
B1066	Hamilton Sundstrand	<b>14RF-21/RFC11R1-0C</b>	<b>14,400</b>	<b>14,200</b>	<b>86.7</b>	<b>94.0</b>	<b>84.8</b>	<b>89.0</b>	<b>87.2</b>	<b>98.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Airbus Defence and Space SA**      Aircraft Type Designation<sup>1</sup>      **CN-235-200**

Engine Manufacturer<sup>1</sup>      **General Electric Company**      Engine Type Designation<sup>1</sup>      **CT7-9C**

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>      **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	
B1084	Hamilton Sundstrand	<b>14RF-21/RFC11R1-0C</b>	<b>15,800</b>	<b>15,600</b>	<b>87.4</b>	<b>94.0</b>	<b>80.5</b>	<b>89.0</b>	<b>92.4</b>	<b>98.0</b>	-
B1083	Hamilton Sundstrand	<b>14RF-21/RFC11R1-0C</b>	<b>15,100</b>	<b>14,900</b>	<b>87.5</b>	<b>94.0</b>	<b>79.2</b>	<b>89.0</b>	<b>92.6</b>	<b>98.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Airbus Defence and Space SA**      Aircraft Type Designation<sup>1</sup>      **CN-235-300**

Engine Manufacturer<sup>1</sup>      **General Electric Company**      Engine Type Designation<sup>1</sup>      **CT7-9C-3**

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>      **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	
B1085	Hamilton Sundstrand	<b>14RF-37/RFA12A1-POC</b>	<b>15,800</b>	<b>15,600</b>	<b>87.8</b>	<b>94.0</b>	<b>85.0</b>	<b>89.0</b>	<b>93.3</b>	<b>98.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Airbus Defence and Space SA**      Aircraft Type Designation<sup>1</sup>      **CN-235-300**

Engine Manufacturer<sup>1</sup>      **General Electric Company**      Engine Type Designation<sup>1</sup>      **CT7-9C-3**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **SB235-25-56 (Conversion to cargo)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      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	
B1086	Hamilton Sundstrand	<b>14RF-37/RFA12A1-POC</b>	<b>15,800</b>	<b>15,600</b>	<b>94.0</b>	<b>94.0</b>	<b>89.0</b>	<b>89.0</b>	<b>98.0</b>	<b>98.0</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

**TCDSN EASA.A.186 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**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
01	12 October 2007	Initial Issue
02	14 March 2023	TC holder revised

