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## TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.A.360**

**for**

**Do 28 Series**

**Type Certificate Holder:**

**General Atomics AeroTec Systems GmbH**

Galileostraße 396

82131 Gauting

Germany

For models:

Do 128-6

Do 28 A-1

Do 28 A-1(R)

Do 28 B-1

Do 28 D

Do 28 D-1

Do 28 D-2

Do 28 D-6



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Type Certificate Holder<sup>1</sup>      **General Atomics AeroTec Systems GmbH**      Aircraft Type Designation<sup>1</sup>      **Do 128-6**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6A-110**

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

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C904	<b>Hartzell Propeller Inc.</b>	<b>HC-B3TN-3D/T10282(B)-9.5</b>	<b>None</b>	<b>4,350</b>	<b>68.2</b>	<b>80.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **General Atomics AeroTec Systems GmbH**      Aircraft Type Designation<sup>1</sup>      **Do 28 A-1**

Engine Manufacturer<sup>1</sup>      **Lycoming Engines**      Engine Type Designation<sup>1</sup>      **O-540-A1D**

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

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C903	<b>Hartzell Propeller Inc.</b>	<b>HC-A2XK-2</b>	<b>None</b>	<b>2,450</b>	<b>78.0</b>	<b>80.0</b>	<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **General Atomics AeroTec Systems GmbH**      Aircraft Type Designation<sup>1</sup>      **Do 28 A-1(R)**

Engine Manufacturer<sup>1</sup>      **Lycoming Engines**      Engine Type Designation<sup>1</sup>      **O-540-A1D**

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>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C9342	<b>Hartzell Propeller Inc.</b>	<b>HC-A2XK-1, -2</b>	<b>None</b>	<b>2,700</b>			<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **General Atomics AeroTec Systems GmbH**      Aircraft Type Designation<sup>1</sup>      **Do 28 B-1**

Engine Manufacturer<sup>1</sup>      **Lycoming Engines**      Engine Type Designation<sup>1</sup>      **IO-540-A1A5**

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>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C9343	<b>Hartzell Propeller Inc.</b>	<b>HC-A3VK-2</b>	<b>None</b>	<b>2,720</b>			<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **General Atomics AeroTec Systems GmbH**      Aircraft Type Designation<sup>1</sup>      **Do 28 D**

Engine Manufacturer<sup>1</sup>      **Lycoming Engines**      Engine Type Designation<sup>1</sup>      **IGSO-540-A1E**

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>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C9344	<b>Hartzell Propeller Inc.</b>	<b>HC-B3W30-2 B/W 10151-8R</b>	<b>None</b>	<b>3,500</b>			<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **General Atomics AeroTec Systems GmbH**      Aircraft Type Designation<sup>1</sup>      **Do 28 D-1**

Engine Manufacturer<sup>1</sup>      **Lycoming Engines**      Engine Type Designation<sup>1</sup>      **IGSO-540-A1E**

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>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C9345	<b>Hartzell Propeller Inc.</b>	<b>HC-B3W30-2 B/W 10151-8R</b>	<b>None</b>	<b>3,650</b>			<b>2</b>

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





Type Certificate Holder <sup>1</sup>	<b>General Atomics AeroTec Systems GmbH</b>	Aircraft Type Designation <sup>1</sup> (Commercial Designation)	<b>Do 28 D-2</b> <b>Skyservant</b>
Engine Manufacturer <sup>1</sup>	<b>Lycoming Engines</b>	Engine Type Designation <sup>1</sup>	<b>IGSO-540-A1E</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter <sup>1</sup> -

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C5775	<b>Hartzell Propeller Inc.</b>	<b>HC-B3W30-2 B/W 10151-8R</b>	<b>None</b>	<b>3,842</b>			<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **General Atomics AeroTec Systems GmbH**      Aircraft Type Designation<sup>1</sup>      **Do 28 D-6**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6A-110**

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

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C902	<b>Hartzell Propeller Inc.</b>	<b>HC-B3TN-3D/T10282(B)-9.5</b>	<b>None</b>	<b>4,050</b>	<b>68.2</b>	<b>80.0</b>	-

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<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.360 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 the date of type certification. However individual examples of this type which were first issued with a certificate of airworthiness on or after 1 January 1980 are required to demonstrate compliance with the Standards of ICAO Annex 16, Volume I, Chapter 6.



### **Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
01	24 July 2009	Initial Issue
02	09 February 2022	TC Holder revised
03	24 February 2024	TC Holder address updated

