



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.360

for

Do 28 Series

Type Certificate Holder:

General Atomics AeroTec Systems GmbH

Claude-Dornier-Strasse 1

D-82234 Wessling

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 Holder¹ **General Atomics AeroTec Systems GmbH** Aircraft Type Designation¹ **Do 128-6**

Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PT6A-110**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

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

¹ See Note 1.



Type Certificate Holder¹ **General Atomics AeroTec Systems GmbH** Aircraft Type Designation¹ **Do 28 A-1**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **O-540-A1D**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

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

¹ See Note 1.



Type Certificate Holder¹ **General Atomics AeroTec Systems GmbH** Aircraft Type Designation¹ **Do 28 A-1(R)**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **O-540-A1D**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C9342	Hartzell Propeller Inc.	HC-A2XK-1, -2	None	2,700			2

¹ See Note 1.



Type Certificate Holder¹ **General Atomics AeroTec Systems GmbH** Aircraft Type Designation¹ **Do 28 B-1**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **IO-540-A1A5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C9343	Hartzell Propeller Inc.	HC-A3VK-2	None	2,720			2

¹ See Note 1.



Type Certificate Holder¹ **General Atomics AeroTec Systems GmbH** Aircraft Type Designation¹ **Do 28 D**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **IGSO-540-A1E**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C9344	Hartzell Propeller Inc.	HC-B3W30-2 B/W 10151-8R	None	3,500			2

¹ See Note 1.



Type Certificate Holder¹ **General Atomics AeroTec Systems GmbH** Aircraft Type Designation¹ **Do 28 D-1**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **IGSO-540-A1E**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C9345	Hartzell Propeller Inc.	HC-B3W30-2 B/W 10151-8R	None	3,650			2

¹ See Note 1.



Type Certificate Holder¹ **General Atomics AeroTec Systems GmbH** Aircraft Type Designation¹ **Do 28 D-2**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **IGSO-540-A1E**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹

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

¹ See Note 1.



Type Certificate Holder¹ **General Atomics AeroTec Systems GmbH** Aircraft Type Designation¹ **Do 28 D-6**

Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PT6A-110**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

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

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.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

Issue	Date	Changes
01	24 July 2009	Initial Issue
02	09 February 2022	TC Holder revised

