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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 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

FΔSΔ			Additional modifications essential to	Maximum	Overflig	ht dB(A)	Coo
Record No. Propeller Manufacturer ¹	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note	
C904	Hartzell Propeller Inc.	HC-B3TN-3D/T10282(B)-9.5	None	4,350	68.2	80.0	-

¹ See Note 1.



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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

EACA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	500
Record No.	EASA Record No. Propeller Manufacturer ¹ Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note	
C903	Hartzell Propeller Inc.	HC-A2XK-2	None	2,450	78.0	80.0	2

¹ See Note 1.



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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 -

FASA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	Coo
Record No.		Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
C9342	Hartzell Propeller Inc.	HC-A2XK-1, -2	None	2,700			2

¹ See Note 1.



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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			Additional modifications essential to	Maximum	Overflig	ht dB(A)	Soo
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
C9343	Hartzell Propeller Inc.	HC-A3VK-2	None	2,720			2

¹ See Note 1.



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

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

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

EASA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	Coo
Record No.	l Propeller Manufacturer¹ l	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
C9344	Hartzell Propeller Inc.	HC-B3W30-2 B/W 10151-8R	None	3,500			2

¹ See Note 1.



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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 -

ΓΛςΛ		1	Additional modifications essential to	Maximum	Overflig	ht dB(A)	500
Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
C9345	Hartzell Propeller Inc.	HC-B3W30-2 B/W 10151-8R	None	3,650			2

¹ See Note 1.



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Date: 24 February 2024

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

(Commercial Designation Skyservant) Page 9 of 12

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

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

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

¹ See Note 1.



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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 Edition / Amendment Chapter1 ICAO Annex 16, Volume I 6

FACA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	Coo
Record No.	Record No. Propeller Manufacturer ¹ Propeller Type Designation	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
C902	Hartzell Propeller Inc.	HC-B3TN-3D/T10282(B)-9.5	None	4,050	68.2	80.0	-

¹ See Note 1.



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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.

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Change Record

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