## European Aviation Safety Agency

### **EASA**

# TYPE-CERTIFICATE DATA SHEET FOR NOISE

#### Do 28 Series

### Type Certificate Holder: Ruag Aerospace Services GmbH

P.O. Box 1253 D-82231 Wessling Germany

For Variants: 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
Dornier 128-6

Issue 1, 24 July 2009

List of Effective Pages

Page	1	2	3	4	5	6	7	8	9	10
Issue	1	1	1	1	1	1	1	1	1	1

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Page 3/10

Aircraft Manufacturer Ruag Aerospace Services GmbH Aircraft Type Designation Do 128-6

Engine Manufacturer Pratt & Whitney Canada Engine Type Designation PT6A-110

Noise Certification Basis ICAO Annex 16, Volume Edition / Amendment Chapter 6

EASA	Propeller Manufacturer *	Propeller Type Designation *		Maximum	Overflight dB(A)	
EASA Record No.			Additional ** modifications	Mass Take-off mass  (kg)	Level *	Limit
C904	Hartzell Propeller Inc.	HC-B3TN-3D/T10282(B)-9.5	none	4.350	68,2	80,0

<sup>\*</sup> Items so marked shall be included on EASA Form 45.

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45

Aircraft Manufacturer Ruag Aerospace Services GmbH Aircraft Type Designation Do 28 A-1

Engine Manufacturer Lycoming Engine Type Designation O-540-A1D

Noise Certification Basis ICAO Annex 16, Volume Edition / Amendment Chapter 6

EASA Record No.	Propeller Manufacturer	Propeller Type Designation*	Additional modifications **	Maximum Mass	Overflight dB(A)	
				Take-off mass  (kg)	Level *	Limit
C903	Hartzell Propeller Inc.	HC-A2XK-2	none	2.450	78,0 **	80,0 **

<sup>\*\*</sup> The aircraft is in accordance with the provisions of Article 6.1 of Regulation 1592/2002 and there is no obligation for the noise information referred to in Commission Regulation (EC) 1702/2003, paragraph 21A.204(b), to be determined.

\* Items so marked shall be included on EASA Form 45.

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45

Aircraft Manufacturer Ruag Aerospace Services GmbH Aircraft Type Designation Do 28 A-1(R)

Engine Manufacturer Lycoming Engine Type Designation O-540-A1D

Noise Certification Basis ICAO Annex 16, Volume Edition / Amendment Chapter

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications**	Maximum	Take-off dB(A)	
				Mass Take-off mass* (kg)	Level *	Limit
C9342	Hartzell Propeller Inc.	HC-A2XK-1, -2	none	2.700	**	**

<sup>\*\*</sup> The aircraft is in accordance with the provisions of Article 6.1 of Regulation 1592/2002 and there is no obligation for the noise information referred to in Commission Regulation (EC) 1702/2003, paragraph 21A.204(b), to be determined.

<sup>\*</sup> Items so marked shall be included on EASA Form 45.

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45

Aircraft Manufacturer Ruag Aerospace Services GmbH Aircraft Type Designation Do 28 B-1

Engine Manufacturer Lycoming Engine Type Designation IO-540-A1A5

Noise Certification Basis ICAO Annex 16, Volume Edition / Amendment Chapter

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional	Maximum Mass	Take-off dB(A)	
			modifications**	Take-off mass* (kg)	Level *	Limit
C9343	Hartzell Propeller Inc.	HC-A3VK-2	none	2.720	**	**

<sup>\*\*</sup> The aircraft is in accordance with the provisions of Article 6.1 of Regulation 1592/2002 and there is no obligation for the noise information referred to in Commission Regulation (EC) 1702/2003, paragraph 21A.204(b), to be determined.

Items so marked shall be included on EASA Form 45.

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45

Aircraft Manufacturer Ruag Aerospace Services GmbH Aircraft Type Designation Do 28 D

Engine Manufacturer Lycoming Engine Type Designation IGSO-540-A1E

Noise Certification Basis ICAO Annex 16, Volume Edition / Amendment Chapter

EASA Record No.	Propeller Manufacturer *	Propeller Type	Additional	Maximum Mass	Take-off dB(A)	
		Propeller Type Designation	modifications**	Mass Take-off mass <sup>*</sup> (kg)	Level *	Limit
C9344	Hartzell Propeller Inc.	HC-B3W30-2 B/W 10151-8R	none	3.500	**	**

<sup>\*\*</sup> The aircraft is in accordance with the provisions of Article 6.1 of Regulation 1592/2002 and there is no obligation for the noise information referred to in Commission Regulation (EC) 1702/2003, paragraph 21A.204(b), to be determined.

<sup>\*</sup> Items so marked shall be included on EASA Form 45.

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45

Aircraft Manufacturer Ruag Aerospace Services GmbH Aircraft Type Designation Do 28 D-1

Engine Manufacturer Lycoming Engine Type Designation IGSO-540-A1E

Noise Certification Basis ICAO Annex 16, Volume Edition / Amendment Chapter

EASA Record No.	Propeller	Propeller Type	Additional	Maximum Mass	Take-off dB(A)	
	Propeller Manufacturer *	Propeller Type Designation	modifications**	Mass Take-off mass <sup>*</sup> (kg)	Level *	Limit
C9345	Hartzell Propeller Inc.	HC-B3W30-2 B/W 10151-8R	none	3.650	**	**

<sup>\*\*</sup> The aircraft is in accordance with the provisions of Article 6.1 of Regulation 1592/2002 and there is no obligation for the noise information referred to in Commission Regulation (EC) 1702/2003, paragraph 21A.204(b), to be determined.

<sup>\*</sup> Items so marked shall be included on EASA Form 45.

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45

Aircraft Manufacturer Ruag Aerospace Services GmbH Aircraft Type Designation Do 28 D-2

Engine Manufacturer Lycoming Engine Type Designation IGSO-540-A1E

Noise Certification Basis ICAO Annex 16, Volume Edition / Amendment Chapter

EASA Record No.	Propeller	Propeller Type	Additional	Maximum Mass	Take-off dB(A)	
	Propeller Manufacturer *	Propeller Type Designation	modifications**	Mass Take-off mass* (kg)	Level *	Limit
C5775	Hartzell Propeller Inc.	HC-B3W30-2 B/W 10151-8R	none	3.842	**	**

<sup>\*\*</sup> The aircraft is in accordance with the provisions of Article 6.1 of Regulation 1592/2002 and there is no obligation for the noise information referred to in Commission Regulation (EC) 1702/2003, paragraph 21A.204(b), to be determined.

<sup>\*</sup> Items so marked shall be included on EASA Form 45.

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45

Page 10/10

Aircraft Manufacturer Ruag Aerospace Services GmbH Aircraft Type Designation Do 28 D-6

Engine Manufacturer Pratt & Whitney Canada Engine Type Designation PT6A-110

Noise Certification Basis ICAO Annex 16, Volume Edition / Amendment Chapter 6

EASA	Propeller Manufacturer *	Propeller Type Designation *		Maximum Mass	Overflight dB(A)	
EASA Record No.			Additional ** modifications	Mass Take-off mass  (kg)	Level *	Limit
C902	Hartzell Propeller Inc.	HC-B3TN-3D/T10282(B)-9.5	none	4.050	68,2	80,0

<sup>\*</sup> Items so marked shall be included on EASA Form 45.

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45