

# **TYPE-CERTIFICATE DATA SHEET FOR NOISE**

No. EASA.A.532

for

Arcus T

**Type Certificate Holder:** Schempp-Hirth Flugzeugbau GmbH Krebenstraße 25 73230 Kirchheim / Teck Germany

For models: Arcus M Arcus T



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Type Certificate Holder <sup>1</sup>	Schempp-Hirth Flugzeugbau	ı GmbH	Aircraft Type Desigr	nation <sup>1</sup>	Arcus M	
Engine Manufacturer <sup>1</sup>	Solo Kleinmotoren GmbH		Engine Type Designa	ation <sup>1</sup>	2625-02	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 8 / Amendment 12	Chapter <sup>1</sup>	10 (10.4b)	

EASA	EASA Propeller Propeller Type Additional modifications essential to meet the		Maximum	Take-O	ff dB(A)	See	
Record No.	Manufacturer <sup>1</sup>	Designation <sup>1</sup>	requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Note
C11206	Binder Motorenbau GmbH	BM-G-160-R-120-1	SB 4600-3 (Installation Fuel-Injection-System)	800	75.3	75.3	-
C11205	Technoflug	KS-1G-160-R-120	SB 4600-3 (Installation Fuel-Injection-System)	800	65.8	75.3	-

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



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Type Certificate Holder <sup>1</sup>	Schempp-Hirth Flugzeugbau	ı GmbH	Aircraft Type Design	ation <sup>1</sup>	Arcus M	
Engine Manufacturer <sup>1</sup>	Solo Kleinmotoren GmbH		Engine Type Designa	ition <sup>1</sup>	2625-02	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 8 / Amendment 12	Chapter <sup>1</sup>	10 (10.4b)	

EVCV	EASA Propeller Propeller Type Additional modifications essential to meet the		Maximum	Take-O	ff dB(A)	See	
Record No.	Manufacturer <sup>1</sup>	Designation <sup>1</sup>	requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Note
C14402	Binder Motorenbau GmbH	BM-G-160-R-120-1	SB 4600-3 (Installation Fuel-Injection-System)	850	76.2	76.2	-
C14401	Technoflug	KS-1G-160-R-120	SB 4600-3 (Installation Fuel-Injection-System)	850	66.1	76.2	-

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



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Engine Manufacturer <sup>1</sup>	Solo Kleinmotoren GmbH	Engine Type Designation <sup>1</sup> <b>2 350 D</b>	
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendment	Chapter <sup>1</sup>	

EASA Propeller Propeller Type		Propeller Type	Additional modifications essential to meet the	Maximum	Take-Off dB(A)		See	
Record No.	Manufacturer <sup>1</sup>	Designation <sup>1</sup>	requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Note	
C14534	Ingrid Oehler	OE-FL 5.110/83 av	None	850			2	
C14554	TB GmbH	0E-FL 5.110/65 av	None	850			2	
C10393	Ingrid Oehler	OE-FL 5.110/83 av	None	800				
C10393	TB GmbH	OE-FL 5.110/05 dv	None	800			2	

<sup>1</sup> 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.532 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 Article 9 of Regulation 2018/1139 without the need to comply with the Standards of ICAO Annex 16, Volume I, Chapter 10, by virtue of being a self-sustaining powered sailplane.



TCDSN No.: EASA.A.532 Issue: 5

### Change Record

Issue	Date	Changes
Issue 1	17 May 2011	Initial issue
Issue 2	20 June 2013	Added Arcus M
Issue 3	11 November 2020	Records C14401 and C14402 added
Issue 4	12 January 2021	Records C14401 and C14402 revised
Issue 5	21 October 2021	Record C14534 added

END

