



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



INTENTIONALLY LEFT BLANK



Type Certificate Holder¹ **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation¹ **Arcus M**

Engine Manufacturer¹ **Solo Kleinmotoren GmbH** Engine Type Designation¹ **2625-02**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **10 (10.4b)**

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)	Take-Off dB(A)		See Note
					Level ¹	Limit	
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	-

¹ See Note 1.



Type Certificate Holder¹ **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation¹ **Arcus M**

Engine Manufacturer¹ **Solo Kleinmotoren GmbH** Engine Type Designation¹ **2625-02**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** Chapter¹ **10 (10.4b)**

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)	Take-Off dB(A)		See Note
					Level ¹	Limit	
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	-

¹ See Note 1.



Type Certificate Holder¹ **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation¹ **Arcus T**

Engine Manufacturer¹ **Solo Kleinmotoren GmbH** Engine Type Designation¹ **2 350 D**

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	
C10393	Ingrid Oehler TB GmbH	OE-FL 5.110/83 av	None	800			2

¹ See Note 1.



CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5

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 6.1 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.



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

END

