



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.301

for

Ventus bT

Type Certificate Holder:

Schempp-Hirth Flugzeugbau GmbH

Krebenstraße 25

73230 Kirchheim / Teck

Germany

For models:

Ventus bT

Ventus cM

Ventus cT

Ventus-2cFES

Ventus-2cM

Ventus-2cT



INTENTIONALLY LEFT BLANK



Type Certificate Holder¹ **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation¹ **Ventus bT**

Engine Manufacturer¹ **Solo Kleinmotoren GmbH** Engine Type Designation¹ **2350**

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	
C5536	Ingrid Oehler TB GmbH	OE-FL 5.83/83	None	430	65.3	68.0	-
C9338	Ingrid Oehler TB GmbH	OE-FL 5.83/83 a5	None	430	65.3	68.0	-

¹ See Note 1.



Type Certificate Holder¹ **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation¹ **Ventus bT**

Engine Manufacturer¹ **Oehler-Webra** Engine Type Designation¹ **OE-/WE-2 R-306/82**

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	
C8875	Ingrid Oehler TB GmbH	OE-FL 4.79/82	None	430	60.5	68.0	-
C8876	Ingrid Oehler TB GmbH	OE-FL 4.79/83	None	430	60.5	68.0	-

¹ See Note 1.



Type Certificate Holder¹ **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation¹ **Ventus cM**

Engine Manufacturer¹ **Solo Kleinmotoren GmbH** Engine Type Designation¹ **2350 C**

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	
C4854	TECHNOFLUG Leichtflugzeugbau GmbH & Co. KG	KS-132-2-S	None	430	63.2	68.0	-

¹ See Note 1.



Type Certificate Holder¹ **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation¹ **Ventus cT**

Engine Manufacturer¹ **Solo Kleinmotoren GmbH** Engine Type Designation¹ **2350**

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	
C5530	Ingrid Oehler TB GmbH	OE-FL 5.83/83	Muffler: Solo According to TM 4603-3	430	57.7	68.0	-
C5531	Ingrid Oehler TB GmbH	OE-FL 5.83/83 a5, v92	Muffler: Solo According to TM 4603-3	430	57.7	68.0	-

¹ See Note 1.



Type Certificate Holder¹ **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation¹ **Ventus-2cFES**

Engine Manufacturer¹ **Schempp-Hirth Flugzeugbau GmbH** Engine Type Designation¹ **FES-VEN-M100**

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	
C15206	Schempp-Hirth Flugzeugbau GmbH	FES-VEN-P1-102	None	600			2

¹ See Note 1.



Type Certificate Holder¹ **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation¹ **Ventus-2cM**

Engine Manufacturer¹ **Solo Kleinmotoren GmbH** Engine Type Designation¹ **2 625 01**

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

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	
C8802	TECHNOFLUG Leichtflugzeugbau GmbH & Co. KG	KS-1G-152-R-122	MB 825-27	525	61.7	76.0	-
C8803	TECHNOFLUG Leichtflugzeugbau GmbH & Co. KG	KS-1G-152-R-122	MB 825-27 and (TM 825-25 or MB 825-38)	525	61.2	76.0	-
C4851	TECHNOFLUG Leichtflugzeugbau GmbH & Co. KG	KS-1G-152-R-122	MB 825-44	565	61.7	76.0	-

¹ See Note 1.



Type Certificate Holder¹ **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation¹ **Ventus-2cM**

Engine Manufacturer¹ **Solo Kleinmotoren GmbH** Engine Type Designation¹ **2 625 01**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment 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	
C8842	TECHNOFLUG Leichtflugzeugbau GmbH & Co. KG	KS-1G-152-R-122	TM 825-37/2 (Increase of MTOM to 585 kg)	585	63.1	70.4	-

¹ See Note 1.



Type Certificate Holder¹ **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation¹ **Ventus-2cM**

Engine Manufacturer¹ **Solo Kleinmotoren GmbH** Engine Type Designation¹ **2489**

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

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	
C4849	TECHNOFLUG Leichtflugzeugbau GmbH & Co. KG	KS-F2-1A/158-R108	None	525	62.6	76.0	-
C4850	TECHNOFLUG Leichtflugzeugbau GmbH & Co. KG	KS-F2-1A/158-R108	None	500	62.0	76.0	-

¹ See Note 1.



Type Certificate Holder¹ **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation¹ **Ventus-2cT**

Engine Manufacturer¹ **Solo Kleinmotoren GmbH** Engine Type Designation¹ **2350**

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)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C5110	Ingrid Oehler TB GmbH	OE-FL 5.83/83 a5, v92	Muffler: Solo According to TM 4603-3	600			2
C9341	Ingrid Oehler TB GmbH	OE-FL 5.83/83 a5, v92	Muffler: Solo According to TM 4603-3	565			2
C9340	Ingrid Oehler TB GmbH	OE-FL 5.83/83 a5, v92	Muffler: Solo According to TM 4603-3	525			2
C9339	Ingrid Oehler TB GmbH	OE-FL 5.83/83 a5, v92	Muffler: Solo According to TM 4603-3	500			2

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.301 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, Chapter 10, by virtue of being a self-sustaining powered sailplane.



Change Record

Issue	Date	Changes
Issue 01	23 March 2011	Initial Release
Issue 02	13 July 2023	Model Ventus-2cFES added

