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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



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

Engine Manufacturer¹ Solo Kleinmotoren GmbH Engine Type Designation¹ 2350

EASA			Additional modifications essential to	Maximum	Overflight dB(A)		- See Note
Record No.	Propeller Manufacturer Tropeller Type Designation		meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	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.



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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

EASA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	- See
Record No.	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	Note
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.



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

Engine Manufacturer¹ Solo Kleinmotoren GmbH Engine Type Designation¹ 2350 C

EASA			Additional modifications essential to	Maximum	Overflight dB(A)		See Note
Record No.	Record No. Propeller Manufacturer¹ Propeller Type Designation¹		meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	
C4854	TECHNOFLUG Leichtflugzeugbau GmbH & Co. KG	KS-132-2-S	None	430	63.2	68.0	-

¹ See Note 1.



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

Engine Manufacturer¹ Solo Kleinmotoren GmbH Engine Type Designation¹ 2350

EASA			Additional modifications essential to	Maximum	Overflight dB(A)		See Note
Record No.	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		
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.



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

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

EASA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	200
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	
C15206	Schempp-Hirth Flugzeugbau GmbH	FES-VEN-P1-102	None	600			2

¹ See Note 1.



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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 Edition / Amendment Chapter¹ 10 (10.4a) ICAO Annex 16, Volume I

EASA	Propeller		Additional modifications essential to meet	Maximum	Take-Off dB(A)		- See Note
Record No.	Record No Manufacturer ¹ the requirements of		the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	
	TECHNOFLUG						
C8802	Leichtflugzeugbau	KS-1G-152-R-122	MB 825-27	525	61.7	76.0	-
	GmbH & Co. KG						
	TECHNOFLUG		MB 825-27 and (TM 825-25 or MB 825-		61.2	76.0	
C8803	Leichtflugzeugbau	KS-1G-152-R-122	-	525			-
	GmbH & Co. KG		38)				
	TECHNOFLUG						
C4851	Leichtflugzeugbau	KS-1G-152-R-122	MB 825-44	565	61.7	76.0	-
	GmbH & Co. KG						

¹ See Note 1.



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

Engine Manufacturer¹ Solo Kleinmotoren GmbH 2 625 01

Engine Type Designation¹

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

EACA	Dropollor	1	Additional modifications essential to meet	Maximum	Take-Off dB(A)		See Note
Record No.	EASA Propeller Propeller Type Designation ¹ Record No. Manufacturer ¹		the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	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.



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

Engine Manufacturer¹ Solo Kleinmotoren GmbH Engine Type Designation¹ 2489

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

EASA	Dropollor	Propeller Type Designation ¹	Additional modifications essential to meet	Maximum	Take-Off dB(A)		- See
Record No.	Propeller Manufacturer ¹		the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
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.



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

Engine Manufacturer¹ Solo Kleinmotoren GmbH Engine Type Designation¹ 2350

EASA	Dranallar		Additional modifications essential to meet	Maximum	Take-O	See	
Record No. Propeller Record No. Manufacturer ¹		Propeller Type Designation ¹ the requirements or needed to attain the certificated noise levels ¹		Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C5110	Ingrid Oehler TB	OE-FL 5.83/83 a5, v92	Muffler: Solo According to TM 4603-3	600			2
00110	GmbH	02:12:00,00 00,00	ag .c				_
C9341	OB-FL 5.83/83 a5, v92	Muffler: Solo According to TM 4603-3	565			2	
C3341	GmbH	02 123.03/03 03, 032	Waller Solo According to TW 4005 5	303			-
C9340	Ingrid Oehler TB	OE-FL 5.83/83 a5, v92	Muffler: Solo According to TM 4603-3	525			2
C9340	GmbH	OE-FL 5.83/83 83, V92	Widther. 3010 According to TW 4003-3	323			2
C9339	Ingrid Oehler TB	05 51 5 02/02 -502	Muffler: Solo According to TM 4603-3	500			2
C9339	GmbH	OE-FL 5.83/83 a5, v92					2

¹ See Note 1.



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CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level		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.

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Change Record

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