

European Aviation Safety Agency

EASA

TYPE-CERTIFICATE DATA SHEET FOR NOISE

Ventus bT

**Type Certificate Holder:
Schempp-Hirth Flugzeugbau GmbH**

Krebenstraße 25
73230 Kirchheim / Teck
Germany

For models : Ventus bT
Ventus cM
Ventus cT
Ventus-2cM
Ventus-2cT

INTENTIONALLY LEFT BLANK

Type Certificate Holder* **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation* **Ventus bT**

Engine Manufacturer* **Solo Kleinmotoren GmbH** Engine Type Designation* **2350**

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

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Overflight dB(A)	
					Level*	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

* 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

Type Certificate Holder* **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation* **Ventus bT**
 Engine Manufacturer* **Oehler-Webra** Engine Type Designation* **OE-/WE-2 R-306/82**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **6**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Overflight dB(A)	
					Level*	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

* 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

Type Certificate Holder* **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation* **Ventus cM**

Engine Manufacturer* **Solo Kleinmotoren GmbH** Engine Type Designation* **2350 C**

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

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Overflight dB(A)	
					Level*	Limit
C4854	Technoflug	KS-132-2-S	none	430	63,2	68,0

* 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

Type Certificate Holder* **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation* **Ventus cT**
 Engine Manufacturer* **Solo Kleinmotoren GmbH** Engine Type Designation* **2350**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **6**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Overflight dB(A)	
					Level*	Limit
C5530	Ingrid Oehler TB GmbH	OE-FL 5.83/83	Silencer : Solo According to TM 4603-3	430	57,7	68,0
C5531	Ingrid Oehler TB GmbH	OE-FL 5.83/83 a5, v92	Silencer : Solo According to TM 4603-3	430	57,7	68,0

* 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

Type Certificate Holder* **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation* **Ventus-2cM**
 Engine Manufacturer* **Solo Kleinmotoren GmbH** Engine Type Designation* **2 625 01**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **10 (10.4b)**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C8842	Technoflug	KS-1G-152-R-122	Technical note LBA 825-37/2 (Increase of MTOW to 585 kg)	585	63,1	70,4

* 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

Type Certificate Holder* **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation* **Ventus-2cM**
 Engine Manufacturer* **Solo Kleinmotoren GmbH** Engine Type Designation* **2 625 01**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **10 (10.4a)**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C4851	Technoflug	KS-1G-152-R-122	Silencer : Binder	565	61,7	76,0
C8802	Technoflug	KS-1G-152-R-122	TM 825-27 ()	525	61,7	76,0
C8803	Technoflug	KS-1G-152-R-122	TM 825-27 and TM 825-25/-38 ()	525	61,2	76,0

* 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

Type Certificate Holder* **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation* **Ventus-2cM**

Engine Manufacturer* **Solo Kleinmotoren GmbH** Engine Type Designation* **2489**

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

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C4849	Technoflug	KS-F2-1A/158-R108	none	525	62,6	76,0
C4850	Technoflug	KS-F2-1A/158-R108	none	500	62,0	76,0

* 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

Type Certificate Holder **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation **Ventus-2cT**
 Engine Manufacturer **Solo Kleinmotoren GmbH** Engine Type Designation **2350**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications	Maximum Take-off mass (kg)	Take-off dB(A)	
					Level	Limit
C5110	Ingrid Oehler TB GmbH	OE-FL 5.83/83 a5, v92	Silencer : Solo According to TM 4603-3	600	**	**
C9341	Ingrid Oehler TB GmbH	OE-FL 5.83/83 a5, v92	Silencer : Solo According to TM 4603-3	565	**	**
C9340	Ingrid Oehler TB GmbH	OE-FL 5.83/83 a5, v92	Silencer : Solo According to TM 4603-3	525	**	**
C9339	Ingrid Oehler TB GmbH	OE-FL 5.83/83 a5, v92	Silencer : Solo According to TM 4603-3	500	**	**

**The aircraft is in accordance with the provisions of Article 6.1 of Regulation 216/2008 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	23 March 2011	Initial Issue