
TYPE-CERTIFICATE DATA SHEET FOR NOISE

UK.TC.A.00074

for

Ventus bT

Type Certificate holder

Schempp-Hirth Flugzeugbau GmbH

Krebenstraße 25

73230 Kirchheim/Teck

Germany

Model(s): Ventus bT
 Ventus cM
 Ventus cT
 Ventus-2cM
 Ventus-2cT
 Ventus-2cFES

Issue: 2

Date of issue: 26 September 2023

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Type Designation	Airframe Modification	MTOW (kg)	Engine	Engine Modification	Muffler	Propeller	Regulation Ed./Amend. Chapter	Level db(A)	Limit db(A)	Notes	Record Number
Ventus bT	None	430	Oehler-Webra OE-/WE-2 R-306/82	None	None	Ingrid Oehler TB GmbH OE-FL 4.79/82	Annex 16/l Chapter 6	60.5	68.0	None	C8875
Ventus bT	None	430	Oehler-Webra OE-/WE-2 R-306/82	None	None	Ingrid Oehler TB GmbH OE-FL 4.79/83	Annex 16/l Chapter 6	60.5	68.0	None	C8876
Ventus bT	None	430	Solo Kleinmotoren GmbH 2350	None	None	Ingrid Oehler TB GmbH OE-FL 5.83/83	Annex 16/l Chapter 6	65.3	68.0	None	C5536
Ventus bT	None	430	Solo Kleinmotoren GmbH 2350	None	None	Ingrid Oehler TB GmbH OE-FL 5.83/83 a5	Annex 16/l Chapter 6	65.3	68.0	None	C9338
Ventus cM	None	430	Solo Kleinmotoren GmbH 2350 C	None	None	Technoflug KS-132-2-S	Annex 16/l Chapter 6	63.2	68.0	None	C4854
Ventus cT	None	430	Solo Kleinmotoren GmbH 2350	None	Solo According to TM 4603-3	Ingrid Oehler TB GmbH OE-FL 5.83/83	Annex 16/l Chapter 6	57.7	68.0	None	C5530
Ventus cT	None	430	Solo Kleinmotoren GmbH 2350	None	Solo According to TM 4603-3	Ingrid Oehler TB GmbH OE-FL 5.83/83 a5, v92	Annex 16/l Chapter 6	57.7	68.0	None	C5531
Ventus-2cM	MB 825-27 and (TM 825-25 or MB 825-38)	525	Solo Kleinmotoren GmbH 2 625 01	None	None	Technoflug KS-1G-152-R-122	Annex 16/l Chapter 10 (10.4a)	61.2	76.0	None	C8803
Ventus-2cM	MB 825-27	525	Solo Kleinmotoren GmbH 2 625 01	None	None	Technoflug KS-1G-152-R-122	Annex 16/l Chapter 10 (10.4a)	61.7	76.0	None	C8802
Ventus-2cM	MB 825-44	565	Solo Kleinmotoren GmbH 2 625 01	None	None	Technoflug KS-1G-152-R-122	Annex 16/l Chapter 10 (10.4a)	61.7	76.0	None	C4851
Ventus-2cM	None	500	Solo Kleinmotoren GmbH 2489	None	None	Technoflug KS-F2-1A/158-R108	Annex 16/l Chapter 10 (10.4a)	62.0	76.0	None	C4850
Ventus-2cM	None	525	Solo Kleinmotoren GmbH 2489	None	None	Technoflug KS-F2-1A/158-R108	Annex 16/l Chapter 10 (10.4a)	62.6	76.0	None	C4849
Ventus-2cM	TM 825-37/2 MTOW increase to 585 kg	585	Solo Kleinmotoren GmbH 2 625 01	None	None	Technoflug KS-1G-152-R-122	Annex 16/l Chapter 10 (10.4b)	63.1	70.4	None	C8842
Ventus-2cT	None	500	Solo Kleinmotoren GmbH 2350	None	Solo According to TM 4603-3	Ingrid Oehler TB GmbH OE-FL 5.83/83 a5, v92	Annex 16/l	n/a	n/a	This aircraft type conforms with the provisions of Article 9.2 of Regulation 2018/1139, as amended by the Aviation Safety (Amendment) Regulations 2022, 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.	C9339
Ventus-2cT	None	525	Solo Kleinmotoren GmbH 2350	None	Solo According to TM 4603-3	Ingrid Oehler TB GmbH OE-FL 5.83/83 a5, v92	Annex 16/l	n/a	n/a	This aircraft type conforms with the provisions of Article 9.2 of Regulation 2018/1139, as amended by the Aviation Safety (Amendment) Regulations 2022, 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.	C9340
Ventus-2cT	None	565	Solo Kleinmotoren GmbH 2350	None	Solo According to TM 4603-3	Ingrid Oehler TB GmbH OE-FL 5.83/83 a5, v92	Annex 16/l	n/a	n/a	This aircraft type conforms with the provisions of Article 9.2 of Regulation 2018/1139, as amended by the Aviation Safety (Amendment) Regulations 2022, 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.	C9341
Ventus-2cT	None	600	Solo Kleinmotoren GmbH 2350	None	Solo According to TM 4603-3	Ingrid Oehler TB GmbH OE-FL 5.83/83 a5, v92	Annex 16/l	n/a	n/a	This aircraft type conforms with the provisions of Article 9.2 of Regulation 2018/1139, as amended by the Aviation Safety (Amendment) Regulations 2022, 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.	C5110
Ventus-2cFES	None	600	Schempp-Hirth Flugzeugbau GmbH FES-VEN-M100	None	None	Schempp-Hirth Flugzeugbau GmbH FES-VEN-P1-102	Annex 16/l	n/a	n/a	This aircraft type conforms with the provisions of Article 9.2 of Regulation 2018/1139, as amended by the Aviation Safety (Amendment) Regulations 2022, 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.	G14537

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Administration

I. Acronyms and Abbreviations

Acronym / Abbreviation	Definition
dB(A)	Maximum A-weighted noise level
Ed./Amend.	Edition/Amendment
MTOW	Maximum take-off weight
Regulation Annex 16/I	ICAO Annex 16 Volume I
TCDSN	Type Certificate Datasheet for Noise

II. Type Certificate Holder Record

TCH Record	Period
Schempp-Hirth Flugzeugbau GmbH Krebenstraße 25 73230 Kirchheim/Teck Germany	Present. No changes.

III. Amendment Record

TCDSN Issue No.	TCDSN Issue Date	Changes	TC Issue and Date
1	17 Jul 2023	Initial	Issue 1 17 Jul 2023
2	26 Sep 2023	Introduction of new model Ventus-2cFES	Issue 2 26 Sep 2023