



## TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.A.063**

**for**

**Nimbus-4M**

**Type Certificate Holder:**  
**Schempp-Hirth Flugzeugbau GmbH**  
Krebenstraße 25  
73230 Kirchheim / Teck  
GERMANY

For models:

Nimbus-4DM  
Nimbus-4DT  
Nimbus-4M  
Nimbus-4T  
Quintus M



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Type Certificate Holder<sup>1</sup>      **Schempp-Hirth Flugzeugbau GmbH**      Aircraft Type Designation<sup>1</sup>      **Nimbus-4DM**

Engine TC Holder      **BRP - Rotax GmbH & Co.KG**      Engine Type Designation<sup>1</sup>      **Rotax 535 C**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10 (10.4a)**

EASA Record No.	Propeller TC Holder	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off L <sub>ASmax</sub>		See Note
					Level <sup>1</sup> (dB(A))	Limit (dB(A))	
C118	<b>TECHNOFLUG Leichtflugzeugbau GmbH &amp; Co. KG</b>	<b>KS-1G-160-R-98</b>	<b>None</b>	<b>820</b>	<b>64.9</b>	<b>80.4</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Schempp-Hirth Flugzeugbau GmbH**      Aircraft Type Designation<sup>1</sup>      **Nimbus-4DM**

Engine TC Holder      **Solo Kleinmotoren GmbH**      Engine Type Designation<sup>1</sup>      **Solo 2625 02**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10 (10.4a)**

EASA Record No.	Propeller TC Holder	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off L <sub>ASmax</sub>		See Note
					Level <sup>1</sup> (dB(A))	Limit (dB(A))	
C117	<b>TECHNOFLUG Leichtflugzeugbau GmbH &amp; Co. KG</b>	<b>KS-1G-160-R-110</b>	<b>None</b>	<b>820</b>	<b>61.7</b>	<b>80.4</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Schempp-Hirth Flugzeugbau GmbH**      Aircraft Type Designation<sup>1</sup>      **Nimbus-4DT**

Engine TC Holder      **Solo Kleinmotoren GmbH**      Engine Type Designation<sup>1</sup>      **Solo 2350**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      -

EASA Record No.	Propeller TC Holder	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Overflight OASPL		See Note
					Level <sup>1</sup> (dB(A))	Limit (dB(A))	
C3857	<b>Ingrid Oehler TB GmbH</b>	<b>OE-FL 5.83/83 a5, v92</b>	<b>None</b>	<b>800</b>			<b>2</b>

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Schempp-Hirth Flugzeugbau GmbH**      Aircraft Type Designation<sup>1</sup>      **Nimbus-4M**

Engine TC Holder      **BRP - Rotax GmbH & Co.KG**      Engine Type Designation<sup>1</sup>      **Rotax 505 A**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **6**

EASA Record No.	Propeller TC Holder	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Overflight OASPL		See Note
					Level <sup>1</sup> (dB(A))	Limit (dB(A))	
C3420	<b>TECHNOFLUG Leichtflugzeugbau GmbH &amp; Co. KG</b>	<b>KS-1C-158-R-108</b>	<b>None</b>	<b>800</b>	<b>59.8</b>	<b>70.7</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Schempp-Hirth Flugzeugbau GmbH**      Aircraft Type Designation<sup>1</sup>      **Nimbus-4M**

Engine TC Holder      **Solo Kleinmotoren GmbH**      Engine Type Designation<sup>1</sup>      **Solo 2625 02**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10 (10.4b)**

EASA Record No.	Propeller TC Holder	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off L <sub>ASmax</sub>		See Note
					Level <sup>1</sup> (dB(A))	Limit (dB(A))	
C3421	<b>TECHNOFLUG Leichtflugzeugbau GmbH &amp; Co. KG</b>	<b>KS-1G-160-R-110</b>	<b>None</b>	<b>800</b>	<b>61.3</b>	<b>75.3</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Schempp-Hirth Flugzeugbau GmbH**      Aircraft Type Designation<sup>1</sup>      **Nimbus-4M**

Engine TC Holder      **Solo Kleinmotoren GmbH**      Engine Type Designation<sup>1</sup>      **Solo 2625 02**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 5 / Amendment 9**      Chapter<sup>1</sup>      **10 (10.4b)**

EASA Record No.	Propeller TC Holder	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off L <sub>ASmax</sub>		See Note
					Level <sup>1</sup> (dB(A))	Limit (dB(A))	
C10693	<b>TECHNOFLUG Leichtflugzeugbau GmbH &amp; Co. KG</b>	<b>KS-1G-160-R-110</b>	<b>None</b>	<b>850</b>	<b>61.7</b>	<b>76.2</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Schempp-Hirth Flugzeugbau GmbH**      Aircraft Type Designation<sup>1</sup>      **Nimbus-4T**

Engine TC Holder      **Solo Kleinmotoren GmbH**      Engine Type Designation<sup>1</sup>      **Solo 2350**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      -

EASA Record No.	Propeller TC Holder	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Overflight OASPL		See Note
					Level <sup>1</sup> (dB(A))	Limit (dB(A))	
C4949	<b>Ingrid Oehler TB GmbH</b>	<b>OE-FL 5.83/83 a5, v92</b>	<b>None</b>	<b>800</b>			<b>2</b>

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Schempp-Hirth Flugzeugbau GmbH**      Aircraft Type Designation<sup>1</sup>      **Quintus M**

Engine TC Holder      **Solo Kleinmotoren GmbH**      Engine Type Designation<sup>1</sup>      **Solo 2625 02**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 8 / Amendment 12**      Chapter<sup>1</sup>      **10 (10.4b)**

EASA Record No.	Propeller TC Holder	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off L <sub>ASmax</sub>		See Note
					Level <sup>1</sup> (dB(A))	Limit (dB(A))	
C15814	<b>Technoflug</b>	<b>KS-1G-160-R-120</b>	<b>Engine: SB 4600-3</b>	<b>850</b>	<b>66.1</b>	<b>76.2</b>	<b>3</b>
C15815	<b>Binder Motorenbau GmbH</b>	<b>BM-G-160-R-120-1</b>	<b>Engine: SB 4600-3</b>	<b>850</b>	<b>76.2</b>	<b>76.2</b>	<b>3</b>

<sup>1</sup> See Note 1.



### **Correspondence between the ICAO Annex 16 Volume I levels of amendment and the related EU regulations**

The table below provides the correspondence between the levels of amendment of Volume I of ICAO Annex 16 and the related EU regulations that have implemented these levels of amendment since 2003, as well as the respective applicability dates.

ICAO Annex 16 Volume I		EU regulations	
Amendment level	Applicability date	Regulation number	Applicability date
Amendment 70	01/01/2024	Regulation (EU) 2025/870*	25/05/2025
Amendment 79	01/01/2021	Regulation (EU) 2021/1087*	25/07/2021
Amendment 78	01/01/2018	Regulation (EU) 2018/1139 (Art.9)	11/09/2018
Amendment 77_B	01/01/2015	Regulation (EU) 2016/4*	26/01/2016
Amendment 76	17/11/2011	Regulation (EU) No 6/2013*	29/01/2013
Amendment 5	20/11/2008	Regulation (EC) No 690/2009*	20/08/2009
Amendment 4	24/11/2005	Regulation (EC) No 216/2008 (Art.6)	29/03/2007
		Regulation (EC) No 334/2007*	29/03/2007
Amendment 3	21/03/2002	Regulation (EC) No 1701/2003*	28/09/2003
Amendment 2	04/11/1999	Regulation (EC) No 1592/2002 (Art.6)	28/09/2003

\* Regulations that amend Article 6 of Regulations (EC) No 1592/2002 and (EC) No 216/2008, and Article 9 of Regulation (EU) 2018/1139

### **TCDSN EASA.A.063 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.
3. The salesname for Solo 2625 02 with SB 4600-3 is Solo 2625 02i



### **Change Record**

Issue	Date	Changes
Issue 1	12 December 2006	Initial Issue
Issue 2	03 May 2007	Page 8: Delete record C4950 Page 8: Add record C3857
Issue 3	22 October 2007	Page 3: Revised record C3420 Page 4: Revised record C3421 Page 5: Revised record C118 Page 6: Revised record C117
Issue 4	06 January 2010	Update of the footnote for blank records
Issue 5	16 July 2012	Increased MTOW of 850 kg for Record C10693
Issue 6	06 February 2026	Added variant Quintus M and harmonised designation for Solo engines

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