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European Aviation Safety Agency

EASA

TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.063

for

Nimbus

Type Certificate Holder: Schempp-Hirth Flugzeugbau GmbH

For models: Nimbus-4DM

Nimbus-4DT Nimbus-4M Nimbus-4T TCDSN EASA.A.063 Page 2 of 10 Issue: 5 Date: 16 July 2012

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Type Certificate Holder¹ Schempp-Hirth Flugzeugbau GmbH Aircraft Type Designation¹ Nimbus-4DM

Engine Manufacturer¹ Solo Kleinmotoren GmbH Engine Type Designation¹ 2 625 02

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

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	tain the certificated Take-off	Take-off dB(A)		See
Record No.	Manufacturer ¹	1 71	requirements or needed to attain the certificated noise levels		Level 1	Limit	Note
C117	Technoflug	KS-1G-160-R-110	none	820	61.7	80.4	-

¹ See Note 1.

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Type Certificate Holder¹ Schempp-Hirth Flugzeugbau GmbH Aircraft Type Designation¹ Nimbus-4DM

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ Rotax 535 C

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

EASA	' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	Propollor Typo	Additional modifications essential to meet the	Maximum	Take-off dB(A)		See
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level 1	Limit	Note
C118	Technoflug	KS-1G-160-R-98	none	820	64.9	80.4	-

¹ See Note 1.

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Type Certificate Holder Schempp-Hirth Flugzeugbau GmbH Aircraft Type Designation Nimbus-4DT

Engine Type Designation 2350 Engine Manufacturer Solo Kleinmotoren GmbH

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

EASA	1 71	Dranallar Tuna	Additional modifications essential to meet the	Maximum	Take-off dB(A)		See Note
Record No.		requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit		
C3857	Ingrid Oehler TB GmbH	OE-FL 5.83/83 a5, v92	none	800	-		2

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Type Certificate Holder¹ Schempp-Hirth Flugzeugbau GmbH Aircraft Type Designation¹ Nimbus-4M

Engine Manufacturer¹ Engine Type Designation¹ 2 625 02 Solo Kleinmotoren GmbH

Chapter¹ Noise Certification Basis ICAO Annex 16, Volume I 5 Edition / Amendment 9 Edition / Amendment 10 (10.4b)

EVCV	EASA Propeller Propeller Type Designation 1	Drapallar Type	Additional modifications essential to meet the	Maximum	Take-off dB(A)		- See Note
Record No.		requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level 1	Limit		
C10693	Technoflug	KS-1G-160-R-110	none	850	61.7	76.2	-
C3421	Technoflug	KS-1G-160-R-110	none	800	61.3	75.3	-

¹ See Note 1.

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Aircraft Type Designation¹ Type Certificate Holder¹ Schempp-Hirth Flugzeugbau GmbH Nimbus-4M

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ Rotax 505 A

Chapter¹ Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment 6

EASA	Propeller	Propeller Propeller Type	Additional modifications essential to meet the	Maximum	Overflight dB(A)		Soo
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level 1	Limit	See Note
C3420	Technoflug	KS-1C-158-R-108	none	800	59.8	70.7	-

¹ See Note 1.

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Type Certificate Holder Schempp-Hirth Flugzeugbau GmbH Aircraft Type Designation Nimbus-4T

Engine Type Designation 2350 Engine Manufacturer Solo Kleinmotoren GmbH

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

EASA	Propeller Propeller Type Manufacturer Designation	Dranallar Tuna	Additional modifications essential to meet the	Maximum	Take-off dB(A)		See Note
Record No.		requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit		
C4949	Ingrid Oehler TB GmbH	OE-FL 5.83/83 a5, v92	none	800	-		2

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TCDSN EASA.A.063 Notes

- 1. Items so marked shall be included on EASA Form 45.
- 2. This aircraft type conforms 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.

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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: Revise record C3420
		Page 4: Revise record C3421
		Page 5: Revise record C118
		Page 6: Revise 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