



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.050

for

Discus bT

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

For models: Discus bM
Discus bT
Discus-2c FES
Discus-2cT
Discus-2T



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Type Certificate Holder ¹	Schempp-Hirth Flugzeugbau GmbH	Aircraft Type Designation ¹	Discus bM
Engine Manufacturer ¹	BRP - Rotax GmbH & Co.KG	Engine Type Designation ¹	Rotax 463
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 6

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C3010	Technoflug	KS-1G-152-R-122	none	450	52.5	68.0	-

¹ See Note 1.



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

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 essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		See Note
					Level	Limit	
C4946	Ingrid Oehler TB GmbH	OE-FL 5.83/83 a5, v92	none	450	-		2



Type Certificate Holder **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation **Discus-2T**

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 essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		See Note
					Level	Limit	
C4947	Ingrid Oehler TB GmbH	OE-FL 5.83/83 a5, v92	none	525	-		2

Type Certificate Holder **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation **Discus-2c FES**

Engine Manufacturer **Schempp-Hirth Flugzeugbau GmbH** Engine Type Designation **FES-DIS-M100**

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

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		See Note
					Level	Limit	
C13401	Schempp-Hirth Flugzeugbau GmbH	FES-DIS-P1-102	none	565	-		2
C13400	Schempp-Hirth Flugzeugbau GmbH	FES-DIS-P1-102	none	525	-		2

Type Certificate Holder **Schempp-Hirth Flugzeugbau GmbH** Aircraft Type Designation **Discus-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 essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		See Note
					Level	Limit	
C4948	Ingrid Oehler TB GmbH	OE-FL 5.83/83 a5, v92	none	565	-		2



TCDSN EASA.A.050 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 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	16 September 2005	Initial Issue
Issue 2	06 January 2010	Update of the footnote for blank records
Issue 3	18 August 2017	Variant Discus-2c FES added
Issue 4	16 July 2019	Engine and propeller manufacturer revised for Record numbers C13400 and C13401

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