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European Aviation Safety Agency

EASA

TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.579

for

SF 23

Type Certificate Holder: Scheibe Aircraft GmbH

Am Flugplatz 5 D-73540 Heubach Deutschland

For models: SF 23 A

SF 23 A1 SF 23 B SF 23 C TCDSN EASA.A.579 Page 2 of 11 Issue: 1 Date: 16 September 2013

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Type Certificate Holder Scheibe Aircraft GmbH Aircraft Type Designation SF 23 A

Engine Manufacturer Continental Engine Type Designation C 90-12 F

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

EASA	Propeller	Dropollor Type	Additional modifications essential to meet the	Maximum	Take-of	ff dB(A)	See
Record No.	Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level Limit	Limit	Note
C11161	Hoffmann	HO14-183 ()	none	660	_		1
	Propeller	, , , , , , , , , , , , , , , , , , ,					
C11150	Hoffmann	UOCO 192 () 7 U 14 D7	nana	660			4
C11159	Propeller	HOCO 183 () 7 H 14 RZ	none	660	-	ļ	'
C11160	Hoffmann	HOCO F-H2/LC14-183 () 7R	none	660 -			1
C11160	Propeller	HOGO F-HZ/LC14-163 () /K			-	ļ	'

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Type Certificate Holder Scheibe Aircraft GmbH Aircraft Type Designation SF 23 A

Engine Manufacturer Continental Engine Type Designation C 90-14 F

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

EASA	Dropollor	Dropoller Type	Additional modifications essential to meet the	Maximum	Take-off dB(A)		Soo
Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note
C11164	Hoffmann Propeller	HO14-183 ()	none	660	-		1
C11162	Hoffmann Propeller	HOCO 183 () 7 H 14 RZ	none	660	-		1
C11163	Hoffmann Propeller	HOCO F-H2/LC14-183 () 7R	none	660	-		1

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Type Certificate Holder Scheibe Aircraft GmbH Aircraft Type Designation SF 23 A1

Engine Type Designation **Engine Manufacturer** Continental C 90-12 F

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

EASA	Propeller	Propollor Typo	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels Additional modifications essential to meet the requirements or needed to attain the certificated mass (kg)	Maximum	Take-o	ff dB(A)	See Note
Record No.	Manufacturer	Designation			Level	Limit	
C11169	Hoffmann Propeller	HO14-178 120	none	730	-		1
C11170	Hoffmann Propeller	HO14-183 ()	none	730	-		1
C11167	Hoffmann Propeller	HOCO 178 120 7 H 14 RZ	none	730	-		1
C11165	Hoffmann Propeller	HOCO 183 () 7 H 14 RZ	none	730	-		1
C11168	Hoffmann Propeller	HOCO F-H2/LC14-178 120	none	730	-		1
C11166	Hoffmann Propeller	HOCO F-H2/LC14-183 () 7R	none	730	-		1

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Type Certificate Holder Scheibe Aircraft GmbH Aircraft Type Designation SF 23 A1

Engine Type Designation **Engine Manufacturer** Continental C 90-14 F

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

EASA	Dropollor	Propeller Propeller Type requirements or needed to attain	Additional modifications essential to meet the	Maximum	Take-off dB(A)		See
Record No.	Manufacturer		requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C11176	Hoffmann Propeller	HO14-178 120	none	730	-		1
C11173	Hoffmann Propeller	HO14-183 ()	none	730	-		1
C11174	Hoffmann Propeller	HOCO 178 120 7 H 14 RZ	none	730	-		1
C11171	Hoffmann Propeller	HOCO 183 () 7 H 14 RZ	none	730	-		1
C11175	Hoffmann Propeller	HOCO F-H2/LC14 178 120	none	730	-		1
C11172	Hoffmann Propeller	HOCO F-H2/LC14-183 () 7R	none	730	-		1

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Type Certificate Holder Scheibe Aircraft GmbH Aircraft Type Designation SF 23 B

Engine Manufacturer Continental Engine Type Designation O-200-A

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

EASA	Dropollor	Propollor Typo	requirements or needed to attain the certificated Take-off	Maximum	Take-of	Take-off dB(A)	
Record No.	Propeller Manufacturer	Propeller Type Designation		Level	Limit	See Note	
C11182	Hoffmann Propeller	HO14-178 120	none	730	-		1
C11179	Hoffmann Propeller	HO14-183 ()	none	730	-		1
C11180	Hoffmann Propeller	HOCO 178 120 7 H 14 RZ	none	730	-		1
C11177	Hoffmann Propeller	HOCO 183 () 7 H 14 RZ	none	730	-		1
C11181	Hoffmann Propeller	HOCO F-H2/LC14 178 120	none	730	-		1
C11178	Hoffmann Propeller	HOCO F-H2/LC14-183 () 7R	none	730	-		1

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Type Certificate Holder Scheibe Aircraft GmbH Aircraft Type Designation SF 23 B

Engine Manufacturer Continental Engine Type Designation O-200-A

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

EASA	EASA Propeller Propeller Type		Additional modifications essential to meet the	Maximum	Take-off dB(A)		See
Record No.	Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C4626	Hoffmann Propeller	HOCO-183-110-7-H-14-RZ	none	730	74.2	78.8	1

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Type Certificate Holder Scheibe Aircraft GmbH Aircraft Type Designation SF 23 C

Engine Type Designation **Engine Manufacturer** O-235-C1 Lycoming

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

EASA	Propeller Propeller Type Additional modifications essential to meet the		Additional modifications essential to meet the Max	Maximum	Take-off dB(A)		See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C11187	Sensenich	76 AM 6-4-50	none	730	-		1
C11185	Hoffmann Propeller	HO23-183 ()	none	730	-		1
C11183	Hoffmann Propeller	HOCO 183 () 7 H 14 RZ	none	730	-		1
C11184	Hoffmann Propeller	HOCO F-H2/LC23-183 () 7R	none	730	-		1
C11186	Sensenich	M76 AM-4-50	none	730	-		1

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TCDSN EASA.A.579 Notes

1. 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, by virtue of the date of type certification. However individual examples of this type which were first issued with a certificate of airworthiness on or after 1 January 1980 are required to demonstrate compliance with the Standards of ICAO Annex 16, Volume I, Chapter 6.

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Change Record

Issue	Date	Changes
Issue 1	16 September 2013	Initial Issue

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