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European Aviation Safety Agency

EASA

TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.217

for

ASW 22

Type Certificate Holder: Alexander Schleicher GmbH & Co

Alexander-Schleicher-Str. 1 36163 Poppenhausen Germany

For models: ASW 22 BE

ASW 22 BLE ASW 22 BLE-50R

ASW 22 M

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Type Certificate Holder¹ Alexander Schleicher GmbH & Co Aircraft Type Designation¹ ASW 22 BE

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

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

EASA	EASA Propeller	Dropollor Type	Additional modifications essential to meet the	Maximum	Overflight dB(A)		- See
Record No.	Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level 1	Limit	Note
C248	Technoflug	KS-1C-158-R-108	none	810	60.3	70.8	-
C245	MT-Propeller	MT 158 R 120-1A	none	810	60.3	70.8	-

¹ See Note 1.

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Type Certificate Holder¹ Alexander Schleicher GmbH & Co Aircraft Type Designation¹ **ASW 22 BE**

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

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

EASA	Propeller	Dranallar Type	Additional modifications essential to meet the	Maximum	Take-off dB(A)		Soo
Record No.	Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level 1	Limit	See Note
C249	Technoflug	KS-1C-158-R-108	none	810	67.3	80.2	-
C246	MT-Propeller	MT 158 R 120-1A	none	810	67.3	80.2	-

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Type Certificate Holder¹ Alexander Schleicher GmbH & Co Aircraft Type Designation¹ **ASW 22 BLE**

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

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

EASA	Dropollor	Dranellar Type	Additional modifications essential to meet the	Maximum	Take-off dB(A)		See
EASA Propeller Propeller Type Record No. Manufacturer 1 Designation 1	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level 1	Limit	Note		
C10979	Technoflug	KS-1C-158-R-108	none	850	80.9	80.9	-
C10980	MT-Propeller	MT 158 R 120-1A	none	850	80.9	80.9	-
C252	Technoflug	KS-1C-158-R-108	none	810	67.3	80.2	-
C251	MT-Propeller	MT 158 R 120-1A	none	810	67.3	80.2	-

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Type Certificate Holder¹ Alexander Schleicher GmbH & Co Aircraft Type Designation¹ **ASW 22 BLE**

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

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

EASA	Propeller	Dranaller Type	Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
	Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level 1	Limit	Note
C250	Technoflug	KS-1C-158-R-108	none	810	60.3	70.8	-
C247	MT-Propeller	MT 158 R 120-1A	none	810	60.3	70.8	-

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Type Certificate Holder¹ Alexander Schleicher GmbH & Co Aircraft Type Designation¹ ASW 22 BLE-50R

Engine Manufacturer¹ Mid-West Engine Type Designation¹ AE 50R

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

EASA Propeller Propeller Type Record No. Manufacturer 1 Designation 1	Dropollor	Dranallar Tyro	Additional modifications essential to meet the	Maximum	Take-off dB(A)		Soo
	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note		
C10933	Alexander Schleicher GmbH & Co.	AS2F1-1/R153-92-N1	Technical Note Nr. 9 (Propeller installation)	850	80.9	80.9	-
C10934	Technoflug	KS-1C-154-R-110	none	850	80.9	80.9	-
C253	Technoflug	KS-1C-154-R-110	none	810	64.4	80.2	-

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Type Certificate Holder¹ Alexander Schleicher GmbH & Co Aircraft Type Designation¹ **ASW 22 BLE-50R**

Engine Manufacturer¹ Engine Type Designation¹ Mid-West **AE 50R**

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

EASA Propelle	Propollor	Propeller Propeller Type Designation 1	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum	Take-off dB(A)		See
Record No.	Manufacturer ¹			Take-off mass ¹ (kg)	Level 1	Limit	Note
C254	Alexander Schleicher GmbH & Co.	AS2F1-1/R153-92-N1	Technical Note Nr. 9 (Propeller installation)	810	66.1	75.4	-

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Type Certificate Holder¹ Alexander Schleicher GmbH & Co Aircraft Type Designation¹ **ASW 22 M**

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

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

EASA P	Propeller	Dropollor Type	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	See
Record No.	Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	Note
C257	Technoflug	KS-1C-158-R-108	none	700	60.5	69.3	-
C255	MT-Propeller	MT 158 R 120-1A	none	700	60.5	69.3	-

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Type Certificate Holder¹ Alexander Schleicher GmbH & Co Aircraft Type Designation¹ **ASW 22 M**

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

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

EASA	Propeller	Dropollor Type	Additional modifications essential to meet the	Maximum	Take-of	ff dB(A)	See
Record No.	Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level 1	Limit	Note
C258	Technoflug	KS-1C-158-R-108	none	700	67.3	78.2	-
C256	MT-Propeller	MT 158 R 120-1A	none	700	67.3	78.2	-

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TCDSN EASA.A.217 Notes

1. Items so marked shall be included on EASA Form 45.

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Change Record

Issue	Date	Changes
Issue 1	15 May 2014	Initial Issue

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