



***European Aviation Safety Agency***

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**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 Holder<sup>1</sup>      **Alexander Schleicher GmbH & Co**      Aircraft Type Designation<sup>1</sup>      **ASW 22 BE**

Engine Manufacturer<sup>1</sup>      **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 Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C248	<b>Technoflug</b>	<b>KS-1C-158-R-108</b>	<b>none</b>	<b>810</b>	<b>60.3</b>	<b>70.8</b>	<b>-</b>
C245	<b>MT-Propeller</b>	<b>MT 158 R 120-1A</b>	<b>none</b>	<b>810</b>	<b>60.3</b>	<b>70.8</b>	<b>-</b>

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



Type Certificate Holder <sup>1</sup>	<b>Alexander Schleicher GmbH &amp; Co</b>	Aircraft Type Designation <sup>1</sup>	<b>ASW 22 BLE</b>
Engine Manufacturer <sup>1</sup>	<b>BRP - Rotax GmbH &amp; Co.KG</b>	Engine Type Designation <sup>1</sup>	<b>Rotax 505 A</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter <sup>1</sup> <b>10 (10.4a)</b>

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

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



Type Certificate Holder <sup>1</sup>	<b>Alexander Schleicher GmbH &amp; Co</b>	Aircraft Type Designation <sup>1</sup>	<b>ASW 22 BLE-50R</b>
Engine Manufacturer <sup>1</sup>	<b>Mid-West</b>	Engine Type Designation <sup>1</sup>	<b>AE 50R</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter <sup>1</sup> <b>10 (10.4a)</b>

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

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

Type Certificate Holder<sup>1</sup>    **Alexander Schleicher GmbH & Co**                      Aircraft Type Designation<sup>1</sup>    **ASW 22 BLE-50R**

Engine Manufacturer<sup>1</sup>    **Mid-West**    Engine Type Designation<sup>1</sup>    **AE 50R**

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

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

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



Type Certificate Holder <sup>1</sup>	<b>Alexander Schleicher GmbH &amp; Co</b>	Aircraft Type Designation <sup>1</sup>	<b>ASW 22 M</b>
Engine Manufacturer <sup>1</sup>	<b>BRP - Rotax GmbH &amp; Co.KG</b>	Engine Type Designation <sup>1</sup>	<b>Rotax 505 A</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter <sup>1</sup> <b>6</b>

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

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

Type Certificate Holder<sup>1</sup>    **Alexander Schleicher GmbH & Co**                      Aircraft Type Designation<sup>1</sup>    **ASW 22 M**

Engine Manufacturer<sup>1</sup>    **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>                      **10 (10.4a)**

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

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

**TCDSN EASA.A.217 Notes**

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

**Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
Issue 1	15 May 2014	Initial Issue

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