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## TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.A.573**

**for**

**Virus SW 121**

**Type Certificate Holder:**

**Pipistrel Vertical Solutions d.o.o.**

Vipavska cesta 2  
5270 Ajdovščina  
Slovenia, Europe

For models:

Virus SW 121	
Virus SW 121A	(Commercial Designation: Explorer)
Virus SW 121C	(Commercial Designation: Velis Club)
Virus SW 121X	(Commercial Designation: X-Eye)
Virus SW 128	(Commercial Designation: Velis Electro)



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Type Certificate Holder<sup>1</sup>      **Pipistrel Vertical Solutions d.o.o.**      Aircraft Type Designation<sup>1</sup>      **Virus SW 121**

Engine TC Holder      **BRP - Rotax GmbH & Co.KG**      Engine Type Designation<sup>1</sup>      **Rotax 912 S3**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 6 / Amendment 10**      Chapter<sup>1</sup>      **10 (10.4b)**

EASA Record No.	Propeller TC Holder	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C12624	<b>MT-Propeller Entwicklung GmbH</b>	<b>MTV-33-1-A/170-200</b>	<b>Muffler: Akrapovic Akrapovic iS iaw drawing number 121-78-00-000</b>	<b>600</b>	<b>70.0</b>	<b>70.8</b>	<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **Pipistrel Vertical Solutions d.o.o.**      Aircraft Type Designation<sup>1</sup>      **Virus SW 121A**  
(Commercial Designation      **Explorer**)

Engine TC Holder      **BRP - Rotax GmbH & Co.KG**      Engine Type Designation<sup>1</sup>      **Rotax 912 S3**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 8 / Amendment 12**      Chapter<sup>1</sup>      **10 (10.4b)**

EASA Record No.	Propeller TC Holder	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C14634	<b>MT-Propeller Entwicklung GmbH</b>	<b>MTV-33-1-A/170-200</b>	<b>Muffler: Akrapovic Akrapovic iS iaw drawing number 121-78-00-000</b>	<b>600</b>	<b>70.0</b>	<b>70.8</b>	<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **Pipistrel Vertical Solutions d.o.o.**      Aircraft Type Designation<sup>1</sup>      **Virus SW 121C**  
 (Commercial Designation      **Velis Club**)

Engine TC Holder      **BRP - Rotax GmbH & Co.KG**      Engine Type Designation<sup>1</sup>      **Rotax 912 S3**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 8 / Amendment 12**      Chapter<sup>1</sup>      **10 (10.4b)**

EASA Record No.	Propeller TC Holder	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C14453	<b>MT-Propeller Entwicklung GmbH</b>	<b>MTV-33-1-A/170-200</b>	<b>Muffler: Akrapovic Akrapovic iS iaw drawing number 121-78-00-000</b>	<b>600</b>	<b>70.0</b>	<b>70.8</b>	<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **Pipistrel Vertical Solutions d.o.o.**      Aircraft Type Designation<sup>1</sup>      **Virus SW 121X**  
 (Commercial Designation      **X-Eye)**

Engine TC Holder      **BRP - Rotax GmbH & Co.KG**      Engine Type Designation<sup>1</sup>      **Rotax 912 S3**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 8 / Amendment 13**      Chapter<sup>1</sup>      **10 (10.4b)**

EASA Record No.	Propeller TC Holder	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C15381	<b>MT-Propeller Entwicklung GmbH</b>	<b>MTV-33-1-A/170-200</b>	<b>Muffler: Akrapovic Akrapovic iS iaw drawing number 121-78-00-000</b>	<b>600</b>	<b>66.9</b>	<b>70.8</b>	<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **Pipistrel Vertical Solutions d.o.o.**      Aircraft Type Designation<sup>1</sup>      **Virus SW 128**  
(Commercial Designation      **Velis Electro**)

Engine TC Holder      **Pipistrel d.o.o. Ajdovščina**      Engine Type Designation<sup>1</sup>      **E-811 / 268MVLC**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 7 / Amendment 11-B**      Chapter<sup>1</sup>      **10 (10.4b)**

EASA Record No.	Propeller TC Holder	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C14359	<b>Pipistrel d.o.o. Ajdovščina</b>	<b>P-812 / 164-F3A</b>	<b>None</b>	<b>600</b>	<b>60.0</b>	<b>70.8</b>	-

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



### **CS-36 Amendment level**

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12	13
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5	6

Note: This table is for information purposes only. It links the applicable noise requirements in Volume I of ICAO Annex 16 to the corresponding Appendices to that Volume, which were listed as acceptable means of compliance in CS-36. With the adoption of Regulation (EU) 2018/1139 (i.e. from Amendment 12 to Volume I of ICAO Annex 16) these Appendices became part of the applicable noise requirements. Their reference was removed in Amendment 6 to CS-36 and this table will not be updated further.

### **TCDSN EASA.A.573 Notes**

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. Also applicable to engines with the designation suffix -01





### **Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
Issue 1	18 April 2016	Initial issue
Issue 2	25 January 2019	Change of Type Certification Holder
Issue 3	10 June 2020	Model Virus SW 128 added
Issue 4	25 January 2021	Model Virus SW 121C added
Issue 5	25 January 2021	Commercial designation revised
Issue 6	25 February 2025	Model Virus SW 121X added

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