



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

Virus SW 121C

Virus SW 128

(Commercial Designation: Explorer)

(Commercial Designation: Velis Club)

(Commercial Designation: Velis Electro)



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Type Certificate Holder¹ **Pipistrel Vertical Solutions d.o.o.** Aircraft Type Designation¹ **Virus SW 121**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 S3**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 6 / Amendment 10** Chapter¹ **10 (10.4b)**

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 ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C12624	MT-Propeller Entwicklung GmbH	MTV-33-1-A/170-200	Silencer: Akrapovic Akrapovic iS iaw drawing number 121-78-00-000	600	70.0	70.8	2

¹ See Note 1.



Type Certificate Holder¹ **Pipistrel Vertical Solutions d.o.o.** Aircraft Type Designation¹ **Virus SW 121A**
(Commercial Designation **Explorer**)

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 S3**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **10 (10.4b)**

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 ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C14634	MT-Propeller Entwicklung GmbH	MTV-33-1-A/170-200	Silencer: Akrapovic Akrapovic iS iaw drawing number 121-78-00-000	600	70.0	70.8	2

¹ See Note 1.



Type Certificate Holder¹ **Pipistrel Vertical Solutions d.o.o.** Aircraft Type Designation¹ **Virus SW 121C**
 (Commercial Designation **Velis Club**)

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 S3**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **10 (10.4b)**

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 ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C14453	MT-Propeller Entwicklung GmbH	MTV-33-1-A/170-200	Silencer: Akrapovic Akrapovic iS iaw drawing number 121-78-00-000	600	70.0	70.8	2

¹ See Note 1.



Type Certificate Holder¹ **Pipistrel Vertical Solutions d.o.o.** Aircraft Type Designation¹ **Virus SW 128**
(Commercial Designation **Velis Electro**)

Engine Manufacturer¹ **Pipistrel d.o.o. Ajdovščina** Engine Type Designation¹ **E-811 / 268MVLC**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 7 / Amendment 11-B** Chapter¹ **10 (10.4b)**

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 ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C14359	Pipistrel d.o.o. Ajdovščina	P-812 / 164-F3A	None	600	60.0	70.8	-

¹ 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

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

Issue	Date	Changes
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	02 March 2022	Model Virus SW 121A added; Edition and Amendment of record C14453 revised; Commercial designation of Virus SW 128 revised

