



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.054

for

Stemme S10

Type Certificate Holder:

Stemme GmbH

Flugplatzstraße F2 Nr. 7

15344 Strausberg

GERMANY

For models:

S10

S10-VT

S10V

S12



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Type Certificate Holder¹ **Stemme GmbH** Aircraft Type Designation¹ **S10**

Engine Manufacturer¹ **Limbach** Engine Type Designation¹ **L 2400 EB 1**

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

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	
C1795	Stemme	10AP-N	None	850	65.4	80.9	-

¹ See Note 1.



Type Certificate Holder¹ **Stemme GmbH** Aircraft Type Designation¹ **S10-VT**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 914 F2/S1**

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

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	
C1800	Stemme	11AP-V	Engine: Modified by Stemme, Muffler: Turbo charger and muffler with one tail pipe	850	69.7	80.9	2

¹ See Note 1.



Type Certificate Holder¹ **Stemme GmbH** Aircraft Type Designation¹ **S10V**

Engine Manufacturer¹ **Limbach** Engine Type Designation¹ **L 2400 EB 1.AD**

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

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	
C377	Stemme	10AP-V	None	850	75.6	80.9	-

¹ See Note 1.



Type Certificate Holder¹ **Stemme GmbH** Aircraft Type Designation¹ **S10V**

Engine Manufacturer¹ **Limbach** Engine Type Designation¹ **L 2400 EB 1.AD**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment 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	
C1799	Stemme	10AP-F	None	850	66.8	76.2	-

¹ See Note 1.



Type Certificate Holder¹ **Stemme GmbH** Aircraft Type Designation¹ **S12**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 914 F2/S1**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment 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	
C12614	Stemme	11AP-V	Wingspan 21.4m	900	68.2	77.1	2
C12613	Stemme	11AP-V	Wingspan 25m	900	67.8	77.1	2

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.054 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	29 January 2007	Initial Issue
Issue 2	03 May 2007	Revised
Issue 3	22 October 2007	Revised
Issue 4	04 November 2015	TC holder address revise
Issue 5	14 March 2016	Added S12
Issue 6	04 July 2024	TC-holder name and address changed

