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# TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.A.054**

**for**

**Stemme S 10**

**Type Certificate Holder:**

**Stemme AG**

Flugplatzstraße F2 Nr. 6-7

15344 Strausberg

Germany

For models: S 10  
S 10V  
S 10-VT  
S 12



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Type Certificate Holder<sup>1</sup>      **Stemme AG**      Aircraft Type Designation<sup>1</sup>      **S 10**

Engine Manufacturer<sup>1</sup>      **Limbach**      Engine Type Designation<sup>1</sup>      **L 2400 EB 1**

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	
C1795	<b>Stemme</b>	<b>10AP-N</b>	<b>none</b>	<b>850</b>	<b>65.4</b>	<b>80.9</b>	-

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



Type Certificate Holder <sup>1</sup>	<b>Stemme AG</b>	Aircraft Type Designation <sup>1</sup>	<b>S 10-VT</b>
Engine Manufacturer <sup>1</sup>	<b>BRP - Rotax GmbH &amp; Co.KG</b>	Engine Type Designation <sup>1</sup>	<b>Rotax 914 F2/S1</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	
C1800	<b>Stemme</b>	<b>11AP-V</b>	<b>Modified by Stemme, Silencer : Turbo charger and muffler with one tail pipe</b>	<b>850</b>	<b>69.7</b>	<b>80.9</b>	-

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

Type Certificate Holder<sup>1</sup>      **Stemme AG**      Aircraft Type Designation<sup>1</sup>      **S 10V**

Engine Manufacturer<sup>1</sup>      **Limbach**      Engine Type Designation<sup>1</sup>      **L 2400 EB 1.AD**

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	
C1799	<b>Stemme</b>	<b>10AP-F</b>	<b>none</b>	<b>850</b>	<b>66.8</b>	<b>76.2</b>	-

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



Type Certificate Holder<sup>1</sup>      **Stemme AG**      Aircraft Type Designation<sup>1</sup>      **S 10V**

Engine Manufacturer<sup>1</sup>      **Limbach**      Engine Type Designation<sup>1</sup>      **L 2400 EB 1.AD**

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	
C377	<b>Stemme</b>	<b>10AP-V</b>	<b>none</b>	<b>850</b>	<b>75.6</b>	<b>80.9</b>	-

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



Type Certificate Holder <sup>1</sup>	<b>Stemme AG</b>	Aircraft Type Designation <sup>1</sup>	<b>S 12</b>
Engine Manufacturer <sup>1</sup>	<b>BRP – Rotax GmbH &amp; Co.KG</b>	Engine Type Designation <sup>1</sup>	<b>Rotax 914 F2/S1</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter <sup>1</sup> <b>10 (10.4b)</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	
C12613	<b>Stemme</b>	<b>11AP-V</b>	<b>Wingspan 25m</b>	<b>900</b>	<b>67.8</b>	<b>77.1</b>	-
C12614	<b>Stemme</b>	<b>11AP-V</b>	<b>Wingspan 21.4m</b>	<b>900</b>	<b>68.2</b>	<b>77.1</b>	

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



**TCDSN EASA.A.054 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	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 S-12

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