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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 Holder ¹	Stemme GmbH		Aircraft Type Designation ¹	S10	
Engine Manufacturer ¹	Limbach		Engine Type Designation ¹	L 2400 EB 1	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter	¹ 10 (10.4 a)

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the	Maximum Take-Off	Level ¹	ff dB(A) Limit	See Note
C1795	Stemme	10AP-N	certificated noise levels ¹ None	Mass ¹ (kg) 850	65.4	80.9	



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Type Certificate Holder ¹	Stemme GmbH		Aircraft Type Designation ¹	S10-VT	
Engine Manufacturer ¹	BRP - Rotax GmbH & Co.KG		Engine Type Designation ¹	Rotax 914 F2/S	1
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter	¹ 10 (10.4a)	

EASA	Propeller Propeller Type Designation ¹		Additional modifications essential to meet	Maximum	Take-Off dB(A)		See
Record No.	Manufacturer ¹	Propeller Type Designation	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
C1800	Stemme	11AP-V	Engine: Modified by Stemme, Muffler: Turbo charger and muffler with one tail pipe	850	69.7	80.9	2



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Type Certificate Holder ¹	Stemme GmbH		Aircraft Type Designation ¹	S10V	
Engine Manufacturer ¹	Limbach		Engine Type Designation ¹	L 2400 EB 1.AD)
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapte	⁻¹ 10 (10.4a)

EASA	Duranellan		Additional modifications essential to meet	Maximum	Take-O	500	
Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
C377	Stemme	10AP-V	None	850	75.6	80.9	-



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Type Certificate Holder ¹	Stemme GmbH		Aircraft Type Designation ¹	S10V	
Engine Manufacturer ¹	Limbach		Engine Type Designation ¹	L 2400 EB 1.AD	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter	¹ 10 (10.4b)

Record No.			certificated noise levels ¹	Mass ¹ (kg) 850	Level ¹ 66.8	Limit 76.2	Note
EASA	Propeller Propeller Type Designation ¹		Additional modifications essential to meet the requirements or needed to attain the	Maximum Take-Off	Take-Off dB(A)		See



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Type Certificate Holder ¹	Stemme GmbH		Aircraft Type Designation ¹	S12	
Engine Manufacturer ¹	BRP - Rotax GmbH & Co.KG		Engine Type Designation ¹	Rotax 914 F2/S	1
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter	¹ 10 (10.4b)

EASA Propeller Propeller Type Designation ¹		Additional modifications essential to meet	Maximum	Take-Off dB(A)		See	
Record No.	Manufacturer ¹	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
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



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

