

**Civil Aviation Authority
United Kingdom**



TYPE-CERTIFICATE DATA SHEET FOR NOISE

UK.TC.A.00133

for

Stemme S10

Type Certificate holder

Stemme GmbH

Flugplatzstrasse F2 Nr. 7

15344 Strausberg

Germany

Model(s): Stemme S10
 Stemme S10-V
 Stemme S10-VT
 Stemme S12

Issue: 1

Date of issue: 27 March 2025

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| Type Designation | Airframe Modification | MTOW (kg) | Engine | Engine Modification | Muffler | Propeller | Regulation Ed./Amend. Chapter | Level dB(A) | Limit dB(A) | Notes | Record Number |
|------------------|-----------------------|-----------|---|---------------------|--|---------------|----------------------------------|-------------|-------------|--|---------------|
| S 10 | None | 850 | Limbach L 2400 EB 1 | None | None | Stemme 10AP-N | Annex 16/I Chapter 10 (10.4a) | 65.4 | 80.9 | None | C1795 |
| S 10V | None | 850 | Limbach L 2400 EB 1.AD | None | None | Stemme 10AP-F | Annex 16/I Chapter 10 (10.4b) | 66.8 | 76.2 | None | C1799 |
| S 10V | None | 850 | Limbach L 2400 EB 1.AD | None | None | Stemme 10AP-V | Annex 16/I Chapter 10 (10.4a) | 75.6 | 80.9 | None | C377 |
| S 10-VT | None | 850 | BRP - Rotax GmbH & Co.KG Rotax 914 F2/S1 | Modified by Stemme | Turbo charger and muffler with one tail pipe | Stemme 11AP-V | Annex 16/I Chapter 10 (10.4a) | 69.7 | 80.9 | Also applicable to engines with the designation suffix -01 | C1800 |
| S 12 | Wingspan 21.4m | 900 | BRP - Rotax GmbH & Co.KG Rotax 914 F2/S1 | None | None | Stemme 11AP-V | Annex 16/I Chapter 10 (10.4b) | 68.2 | 77.1 | Also applicable to engines with the designation suffix -01 | C12614 |
| S 12 | Wingspan 25m | 900 | BRP - Rotax GmbH & Co.KG Rotax 914 F2/S1 | None | None | Stemme 11AP-V | Annex 16/I Chapter 10 (10.4b) | 67.8 | 77.1 | Also applicable to engines with the designation suffix -01 | C12613 |

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Administration

I. Acronyms and Abbreviations

| Acronym / Abbreviation | Definition |
|-------------------------------|--------------------------------------|
| dB(A) | Maximum A-weighted noise level |
| Ed./Amend. | Edition/Amendment |
| MTOW | Maximum take-off weight |
| Regulation Annex 16/I | ICAO Annex 16 Volume I |
| TCDSN | Type Certificate Datasheet for Noise |

II. Type Certificate Holder Record

| TCH Record | Period |
|---|----------------------|
| Stemme GmbH Flugplatzstrasse F2 Nr. 7 15344 Strausberg Germany | Present. No changes. |

III. Amendment Record

| TCDSN Issue No. | TCDSN Issue Date | Changes | TC Issue and Date |
|------------------------|-------------------------|----------------|--------------------------|
| 1 | 27 March 2025 | Initial | Issue 1 27 March 2025 |