TCDSN No.: EASA.A.588 Lightwing AC4 Page 1 of 7 Date: 06 June 2024

Issue: 3



# **TYPE-CERTIFICATE DATA SHEET FOR NOISE**

**No. EASA.A.588** 

for

**Lightwing AC4** 

**Type Certificate Holder: Light Wing AG** 

Riedenmatt 1 6370 Stans Switzerland

For models: Lightwing AC4

Lightwing AC4 GT



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Type Certificate Holder<sup>1</sup> Light Wing AG Aircraft Type Designation<sup>1</sup> Lightwing AC4

Engine Manufacturer<sup>1</sup> BRP - Rotax GmbH & Co.KG Engine Type Designation<sup>1</sup> Rotax 912iS Sport

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 7 / Amendment 11-B Chapter<sup>1</sup> 10 (10.4b)

EASA	Propeller	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet	Maximum	Take-Off dB(A)		Soo
Record No.	Manufacturer <sup>1</sup>		the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass¹ (kg)	Level <sup>1</sup>	Limit	See Note
C13741	Neuform Composites GmbH & Co. KG	Neuform, CR3-75-(IP)-47- 101.6	None	600	65.9	70.8	-

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



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Type Certificate Holder<sup>1</sup> Light Wing AG Aircraft Type Designation<sup>1</sup> Lightwing AC4

Engine Manufacturer<sup>1</sup> BRP - Rotax GmbH & Co.KG Engine Type Designation<sup>1</sup> Rotax 912iSc Sport

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 7 / Amendment 11-B Chapter<sup>1</sup> 10 (10.4b)

EASA	Propeller	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet	Maximum	Take-Off dB(A)		Soc
Record No.	Manufacturer <sup>1</sup>		the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass¹ (kg)	Level <sup>1</sup>	Limit	See Note
C13743	Neuform Composites GmbH & Co. KG	Neuform, CR3-75-(IP)-47- 101.6	None	600	65.9	70.8	-

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



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Type Certificate Holder<sup>1</sup> Light Wing AG Aircraft Type Designation<sup>1</sup> Lightwing AC4 GT

Engine Manufacturer<sup>1</sup> BRP - Rotax GmbH & Co.KG Engine Type Designation<sup>1</sup> Rotax 915 iSc3 A

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter<sup>1</sup> 10 (10.4b)

EASA	Dropollor	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet	Maximum	Take-Off dB(A)		- See
Record No.	Propeller Manufacturer <sup>1</sup>		the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass¹ (kg)	Level <sup>1</sup>	Limit	Note
C15313	MT-Propeller Entwicklung GmbH	MTV-34-1-A/175-200	None	630	62.0	71.5	-

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



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### **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.588 Notes**

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form



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## **Change Record**

Issue	Date	Changes
Issue 1	30 June 2014	Initial Issue
Issue 2	21 August 2018	TC holder revised, record C11996 deleted, records C13471 and C13473 added.
Issue 3	06 June 2024	Record C15313 added.

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