



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 Holder¹ **Light Wing AG** Aircraft Type Designation¹ **Lightwing AC4**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912iS Sport**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 7 / Amendment 11-B** 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	
C13741	Neuform Composites GmbH & Co. KG	Neuform, CR3-75-(IP)-47-101.6	None	600	65.9	70.8	-

¹ See Note 1.



Type Certificate Holder¹ **Light Wing AG** Aircraft Type Designation¹ **Lightwing AC4**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912iSc Sport**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 7 / Amendment 11-B** 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	
C13743	Neuform Composites GmbH & Co. KG	Neuform, CR3-75-(IP)-47-101.6	None	600	65.9	70.8	-

¹ See Note 1.



Type Certificate Holder¹ **Light Wing AG** Aircraft Type Designation¹ **Lightwing AC4 GT**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 915 iSc3 A**

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	
C15313	MT-Propeller Entwicklung GmbH	MTV-34-1-A/175-200	None	630	62.0	71.5	-

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.588 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.



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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