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

**UK.TC.A.00085**

for

**E1 Antares**

Type Certificate holder  
**Lange Aviation GmbH**

Brüsseler Straße 30  
66482 Zweibrücken  
Germany

Model(s): E1 Antares  
Antares 18T

Issue: 1

Date of issue: 17 July 2023

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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
E1 Antares	None	660	Lange Aviation GmbH EA 42	None	None	Lange Aviation GmbH LF-P42	Annex 16 Chapter 10 (10.4a)	48.8	77.3	None	C183
Antares 18T	None	600	Solo Kleinmotoren GmbH 2350C	None	None	MT-Propeller Entwicklung GmbH MT 136 L 67-1AN	Annex 16	n/a	n/a	This aircraft type conforms with the provisions of Article 9.2 of Regulation 2018/1139, as amended by the Aviation Safety (Amendment) Regulations 2022, without the need to comply with the Standards of ICAO Annex 16, Volume I, Chapter 10, by virtue of being a self-sustaining powered sailplane.	G14534

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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
Lange Aviation GmbH Brüsseler Straße 30 66482 Zweibrücken Germany	Present. No changes.

### III. Amendment Record

TCDSN Issue No.	TCDSN Issue Date	Changes	TC Issue and Date
1	17 Jul 2023	Initial	Issue 1 17 Jul 2023