



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.092

for

E1 Antares

Type Certificate Holder:

Lange Aviation GmbH

Brüsseler Straße 30

66482 Zweibrücken

Germany

For models:

Antares 18T

E1 Antares



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Type Certificate Holder¹ **Lange Aviation GmbH** Aircraft Type Designation¹ **Antares 18T**

Engine Manufacturer¹ **Solo Kleinmotoren GmbH** Engine Type Designation¹ **Solo 2350 C**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ -

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)	Overflight dB(A)		See Note
					Level ¹	Limit	
C15201	MT-Propeller Entwicklung GmbH	MT 136 L 67-1AN	None	600			2

¹ See Note 1.



Type Certificate Holder¹ **Lange Aviation GmbH** Aircraft Type Designation¹ **E1 Antares**

Engine Manufacturer¹ **Lange Aviation GmbH** Engine Type Designation¹ **EA 42**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

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	
C183	Lange Aviation GmbH	LF-P42	None	660	48.8	77.3	-

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.092 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. This aircraft type conforms with the provisions of Art 9 (2) of Regulation 2018/1139 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.



Change Record

Issue	Date	Changes
Issue 1	08 January 2007	Initial Issue
Issue 2	25 January 2016	TC-Holder renamed to Lange Aviation GmbH
Issue 3	09 June 2023	Introduction of new model Antares 18T

