



---

# TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.A.047**

**for**

**LS8**

**Type Certificate Holder:**

**DG Aviation GmbH**

Otto-Lilienthal-Weg 2

D-76646 Bruchsal

Germany

For models:

LS8-e

LS8-t



INTENTIONALLY LEFT BLANK



Type Certificate Holder<sup>1</sup>      **DG Aviation GmbH**      Aircraft Type Designation<sup>1</sup>      **LS8-e**

Engine Manufacturer<sup>1</sup>      **DG Aviation GmbH**      Engine Type Designation<sup>1</sup>      **FES-LS8-M100**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C14539	<b>DG Aviation GmbH</b>	<b>FES-LS8-P1-102</b>	<b>Wingspan 15m</b>	<b>525</b>			<b>2</b>
C14540	<b>DG Aviation GmbH</b>	<b>FES-LS8-P1-102</b>	<b>Wingspan 18m</b>	<b>575</b>			<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **DG Aviation GmbH**      Aircraft Type Designation<sup>1</sup>      **LS8-t**

Engine Manufacturer<sup>1</sup>      **Solo Kleinmotoren GmbH**      Engine Type Designation<sup>1</sup>      **2350**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C4945	<b>Technoflug</b>	<b>KS-1G-079-L-050-W</b>	<b>None</b>	<b>575</b>			<b>2</b>

<sup>1</sup> 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.047 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**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
Issue 1	21 October 2014	Initial Issue
Issue 2	28 July 2021	Records C14539 and C14540 added.
Issue 3	24 March 2022	TC holder changed

