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# TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.A.233**

**for**

**DG-500**

**Type Certificate Holder:**

**DG Aviation GmbH**

Otto-Lilienthal-Weg 2

D-76646 Bruchsal

Germany

For models:

DG-500M

DG-500MB



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Type Certificate Holder<sup>1</sup>      **DG Aviation GmbH**      Aircraft Type Designation<sup>1</sup>      **DG-500M**

Engine Manufacturer<sup>1</sup>      **BRP - Rotax GmbH & Co.KG**      Engine Type Designation<sup>1</sup>      **Rotax 535 C**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **6**

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	
C2986	<b>MT-Propeller Entwicklung GmbH</b>	<b>MT 158 R 125-1A</b>	<b>None</b>	<b>825</b>	<b>61.5</b>	<b>71.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **DG Aviation GmbH**      Aircraft Type Designation<sup>1</sup>      **DG-500MB**

Engine Manufacturer<sup>1</sup>      **Solo Kleinmotoren GmbH**      Engine Type Designation<sup>1</sup>      **2 625 02**

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

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	
C2987	<b>Technoflug</b>	<b>KS-1G-160-R-110()-B</b>	<b>None</b>	<b>825</b>	<b>63.8</b>	<b>80.5</b>	<b>2</b>
C2988	<b>Technoflug</b>	<b>KS-1G-160-R-110()-B</b>	<b>None</b>	<b>815</b>	<b>64.0</b>	<b>80.3</b>	<b>3</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.233 Notes**

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. Noise level valid for aircraft with 22m wingspan.
3. Noise level valid for aircraft with 20m wingspan.



### **Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
Issue 1	20 October 2014	Initial Issue
Issue 2	24 March 2022	TC holder changed

