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# TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.A.072**

**for**

**DG-1000**

**Type Certificate Holder:**

**DG Aviation GmbH**

Otto-Lilienthal-Weg 2

D-76646 Bruchsal

Germany

For models:

DG-1000M

DG-1000T



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Type Certificate Holder<sup>1</sup>      **DG Aviation GmbH**      Aircraft Type Designation<sup>1</sup>      **DG-1000M**  
 (Commercial Designation      **DG-1001M)**

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

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 5 / Amendment 9**      Chapter<sup>1</sup>      **10 (10.4b)**

| 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       |          |
| C10351          | <b>Binder Motorenbau GmbH</b>       | <b>BM-G1-160-R-120-1</b>                | <b>None</b>  | <b>790</b>                              | <b>64.3</b>        | <b>75.1</b> | -        |

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



Type Certificate Holder<sup>1</sup>      **DG Aviation GmbH**      Aircraft Type Designation<sup>1</sup>      **DG-1000T**

Engine Manufacturer<sup>1</sup>      **Solo Kleinmotoren GmbH**      Engine Type Designation<sup>1</sup>      **2 350 C**

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 |          |
| C14937          | <b>DG Aviation GmbH</b>             | <b>DG-P001-1</b>                        | <b>None</b>  | <b>790</b>                              |                    |       | <b>2</b> |
| C4951           | <b>DG Aviation GmbH</b>             | <b>DG-P001-1</b>                        | <b>None</b>  | <b>750</b>                              |                    |       | <b>2</b> |
| C5574           | <b>DG Aviation GmbH</b>             | <b>DG-P001-1</b>                        | <b>None</b>  | <b>630</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.072 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      | 12 December 2006 | Initial Issue                            |
| Issue 2      | 21 April 2006    | Page 4: Add record C5574                 |
| Issue 3      | 06 January 2010  | Update of the footnote for blank records |
| Issue 4      | 17 March 2011    | Added model DG-1000M                     |
| Issue 5      | 24 March 2022    | TC holder changed                        |
| Issue 6      | 08 June 2022     | Record C14937 added                      |

