



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.249

for

G 109

Type Certificate Holder:

Grob Aircraft SE

Lettenbachstrasse 9

86874 Tussenhausen-Mattsies

Germany

For models:

G109

G109B



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Type Certificate Holder¹ **Grob Aircraft SE** Aircraft Type Designation¹ **G109**

Engine Manufacturer¹ **Limbach** Engine Type Designation¹ **L 2000 EB 1.(A)(A)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

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	
C952	Hoffmann Propeller	HO-V62-R/L160 BT	None	825	65.9	71.0	-
C953	Hoffmann Propeller	HO-V62-R/L160 BT	None	810	65.4	70.8	-
C954	Hoffmann Propeller	HO-V62-R/L-160 T	None	825	65.9	71.0	-
C955	Hoffmann Propeller	HO-V62-R/L-160 T	None	810	65.4	70.8	-

¹ See Note 1.



Type Certificate Holder¹ **Grob Aircraft SE** Aircraft Type Designation¹ **G109**

Engine Manufacturer¹ **Limbach** Engine Type Designation¹ **L 2400 EB 1.AA**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

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	
C9777	MT-Propeller Entwicklung GmbH	MTV-1-A/L 160-03	None	825	61.3	71.0	-

¹ See Note 1.



Type Certificate Holder¹ **Grob Aircraft SE** Aircraft Type Designation¹ **G109**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 A3**

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	
C3751	Hoffmann Propeller	HO-V62-HS/170FA	None	825	68.1	80.5	2
C3752	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/C175-05	None	825	70.8	80.5	2

¹ See Note 1.



Type Certificate Holder¹ **Grob Aircraft SE** Aircraft Type Designation¹ **G109**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 A3**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

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	
C956	Hoffmann Propeller	HO-V62-HS/170FA	None	825	57.7	71.0	2

¹ See Note 1.



Type Certificate Holder¹ **Grob Aircraft SE** Aircraft Type Designation¹ **G109B**

Engine Manufacturer¹ **Grob** Engine Type Designation¹ **2500 D1**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

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	
C957	Hoffmann Propeller	HO-V62-R/L160 BT	Silencer: 109B-6609 or 109B-6609/1 according to TM 817-26	850	60.7	71.3	-
C958	Hoffmann Propeller	HO-V62-R/L160 BT	None	850	66.1	71.3	-

¹ See Note 1.



Type Certificate Holder¹ **Grob Aircraft SE** Aircraft Type Designation¹ **G109B**

Engine Manufacturer¹ **Grob** Engine Type Designation¹ **2500 D1/V**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

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	
C14526	Hoffmann Propeller	HO-V62-R/L160 BT	Silencer: 109B-6609 or 109B-6609/1 according to TM 817-26	850	60.7	71.3	-
C14527	Hoffmann Propeller	HO-V62-R/L160 BT	None	850	66.1	71.3	-

¹ See Note 1.



Type Certificate Holder¹ **Grob Aircraft SE** Aircraft Type Designation¹ **G109B**

Engine Manufacturer¹ **Grob** Engine Type Designation¹ **2500 E1**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

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	
C959	Hoffmann Propeller	HO-V62-R/L160 BT	Silencer: 109B-6609 or 109B-6609/1 according to TM 817-26	850	60.7	71.3	-
C960	Hoffmann Propeller	HO-V62-R/L160 BT	None	850	66.1	71.3	-

¹ See Note 1.



Type Certificate Holder¹ **Grob Aircraft SE** Aircraft Type Designation¹ **G109B**

Engine Manufacturer¹ **Limbach** Engine Type Designation¹ **L 2400 EB 1.AA**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

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	
C962	MT-Propeller Entwicklung GmbH	MTV-1-A/L 160-03	Silencer: Gomolzig-Limbach 244.173.010	850	62.9	71.3	-

¹ See Note 1.



Type Certificate Holder¹ **Grob Aircraft SE** Aircraft Type Designation¹ **G109B**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 iSc3**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **10 (10.4b)**

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	
C14524	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/CF170-05	OÄM 817-030 (Installation of engine Rotax 912iSc)	850	71.2	76.2	-

¹ See Note 1.



CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5

TCDSN EASA.A.249 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. Also applicable to engines with the designation suffix -01



Change Record

Issue	Date	Changes
01	28 June 2021	Initial Issue

