

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 Holder ¹	Grob Aircraft SE		Aircraft Type Designation ¹	G109
Engine Manufacturer ¹	Limbach		Engine Type Designation ¹	L 2000 EB 1.(A)(A)
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹	6

EASA Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Overflight dB(A)		- See	
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
C952	Hoffmann	HO-V62-R/L160 BT	None	825	65.9	71.0	_
0332	Propeller	110-V02-17 L100 D1	иопе	025	05.5	/1.0	_
C953	Hoffmann	HO-V62-R/L160 BT	None	810	65.4	70.8	_
0955	Propeller	110-V02-N/L100 D1	None	810	05.4	70.8	-
C954	Hoffmann		Nene	825	65.9	71.0	
C954	Propeller	HO-V62-R/L-160 T	None	825	05.9	71.0	-
C955	Hoffmann		Nene	910	65.4	70.8	
6322	Propeller	HO-V62-R/L-160 T	None	810	05.4	70.8	-



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Type Certificate Holder ¹	Grob Aircraft SE	Aircraft Type Designation ¹ G109
Engine Manufacturer ¹	Limbach	Engine Type Designation ¹ L 2400 EB 1.AA
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendment	Chapter ¹ 6

EASA Propeller Propertient Properties or n	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	See		
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
C9777	MT-Propeller Entwicklung GmbH	MTV-1-A/L 160-03	None	825	61.3	71.0	-



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Type Certificate Holder ¹	Grob Aircraft SE		Aircraft Type Designation ¹	G109
Engine Manufacturer ¹	BRP - Rotax GmbH & Co.KG		Engine Type Designation ¹	Rotax 912 A3
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter	^{.1} 10 (10.4a)

EASA Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Take-Off dB(A)		- See	
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
C3750	Hoffmann Propeller	HO-V352F-S1/S 170 FQ	Silencer: Heggemann 2500003	825	72.4	80.5	2
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



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Type Certificate Holder ¹	Grob Aircraft SE	Aircraft Type Designation ¹	G109
Engine Manufacturer ¹	BRP - Rotax GmbH & Co.KG	Engine Type Designation ¹	Rotax 912 A3
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendment	Chapter	¹ 6

EASA	Designation 1 requirements or needed to attain the certificated		Maximum	Overflig	ht dB(A)	500	
EASA Record No.	Manufacturer ¹		requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
C956	Hoffmann Propeller	HO-V62-HS/170FA	None	825	57.7	71.0	2



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Type Certificate Holder ¹	Grob Aircraft SE		Aircraft Type Designation ¹	G109B	
Engine Manufacturer ¹	Grob		Engine Type Designation ¹ 2	2500 D1	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹	6	

EASA Propeller Propeller Type		Propeller Type	Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
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	-



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Type Certificate Holder ¹	Grob Aircraft SE	Aircraft Type Designation ¹ G109	В
Engine Manufacturer ¹	Grob	Engine Type Designation ¹ 2500	D1/V
Noise Certification Basis	ICAO Annex 16, Volume I Edition / Amendmen	Chapter ¹	6

EASA Propeller Propeller Type	Additional modifications essential to meet the	Maximum	Overflight dB(A)		See		
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels ¹		Level ¹	Limit	Note
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	-
			817-20				
C14527	Hoffmann Propeller	HO-V62-R/L160 BT	None	850	66.1	71.3	-



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Engine Manufacturer ¹	Grob		Engine Type Designation ¹	2500 E1	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹	6	

EASA Propeller Pro		Propeller Type	Additional modifications essential to meet the	Maximum	Overflig	See	
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
C959	Hoffmann	HO-V62-R/L160 BT	Silencer: 109B-6609 or 109B-6609/1 According to TM	850	60.7	71.3	-
	Propeller		817-26				
C960	Hoffmann	HO-V62-R/L160 BT	None	850	66.1	71.3	
0.900	Propeller	HO-V02-N/L100 B1	None	850	00.1	/1.5	-



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Type Certificate Holder ¹	Grob Aircraft SE	Aircraft Type Des	ignation ¹	G109B
Engine Manufacturer ¹	Limbach	Engine Type Desi	gnation ¹	L 2400 EB 1.AA
Noise Certification Basis	ICAO Annex 16, Volume I Edition /	Amendment	Chapter ¹	6

EASA Propeller		Propeller Type	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	See
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
C962	MT-Propeller Entwicklung GmbH	MTV-1-A/L 160-03	Silencer: Gomolzig-Limbach 244.173.010	850	62.9	71.3	-



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Type Certificate Holder ¹	Grob Aircraft SE		Aircraft Type Designa	ation ¹	G109B
Engine Manufacturer ¹	BRP - Rotax GmbH & Co.KG		Engine Type Designa	tion ¹	Rotax 912 iSc3
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 8 / Amendment 12	Chapter ¹	10 (10.4b)

EASA Propeller		Propeller Type	Additional modifications essential to meet the	Maximum	Take-Off dB(A)		See	
Record No.	Manufacturer ¹	Designation ¹			Level ¹	Limit	Note	
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	-	



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.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
02	22 September 2021	Record C3750 added

