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TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.364

for

G115

Type Certificate Holder: GROB Aircraft SE

Lettenbachstrasse 9 86874 Tussenhausen-Mattsies **GERMANY**

For models:

G115

G115A

G115B

G115C

G115C2

G115D

G115D2

G115E

G115EG

G115TA



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Type Certificate Holder¹ GROB Aircraft SE Aircraft Type Designation¹ G115

Engine Manufacturer¹ Lycoming Engines Engine Type Designation¹ O-235-H2C

EASA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	See	
Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note	
	Sensenich Propeller							
C967	Manufacturing Company, Inc.	72CKS6-2-53	None	850	64.9	71.3	-	
C963	Hoffmann Propeller	HO-14-175-120	None	850	66.0	71.3	-	
C964	Hoffmann Propeller	HO-14-HM-175-120	None	850	66.0	71.3	-	

¹ See Note 1.



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Type Certificate Holder¹ GROB Aircraft SE Aircraft Type Designation¹ G115A

Engine Manufacturer¹ Lycoming Engines Engine Type Designation¹ O-235-H2C

EASA			Additional modifications essential to	Maximum	Overflight dB(A)		See	
Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note	
	Sensenich Propeller							
C972	Manufacturing	72CKS6-2-53	None	850	64.9	71.3	-	
	Company, Inc.							
C968	Hoffmann Propeller	HO-14-175-120	None	850	66.0	71.3	-	
C969	Hoffmann Propeller	HO-14-HM-175-120	None	850	66.0	71.3	-	

¹ See Note 1.



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Type Certificate Holder¹ GROB Aircraft SE Aircraft Type Designation¹ G115B

Engine Manufacturer¹ Lycoming Engines Engine Type Designation¹ O-320-D1A

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

EASA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	See	
Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note	
C973	Sensenich Propeller Manufacturing Company, Inc.	74DM6S5-2-64	None	920	64.1	72.3	-	

¹ See Note 1.



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Type Certificate Holder¹ GROB Aircraft SE Aircraft Type Designation¹ G115B

Engine Manufacturer¹ Lycoming Engines Engine Type Designation¹ O-320-D2A

EASA			Additional modifications essential to	Maximum	Overflight dB(A)		See	
Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note	
C974	Sensenich Propeller Manufacturing Company, Inc.	74DM6S5-2-64	None	920	64.1	72.3	-	

¹ See Note 1.



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Type Certificate Holder¹ GROB Aircraft SE Aircraft Type Designation¹ G115B

Engine Manufacturer¹ Lycoming Engines Engine Type Designation¹ O-320-D3G

FACA			Additional modifications essential to	Maximum	Overflight dB(A)		See
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C975	Sensenich Propeller Manufacturing Company, Inc.	74DM6S5-2-64	None	920	64.1	72.3	-

¹ See Note 1.



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Type Certificate Holder¹ GROB Aircraft SE Aircraft Type Designation¹ G115C

Engine Manufacturer¹ Lycoming Engines Engine Type Designation¹ O-320-D1A

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 10 (10.4a)

EASA	Propeller	1	Additional modifications essential to meet	Maximum	Take-Off dB(A)		See	
Record No.	Manufacturer ¹	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note	
C976	Sensenich Propeller Manufacturing Company, Inc.	74DM7S14-2-64	None	990	69.3	83.1	-	



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Type Certificate Holder¹ GROB Aircraft SE Aircraft Type Designation¹ G115C

Engine Manufacturer¹ Lycoming Engines Engine Type Designation¹ O-320-D1A

EASA			Additional modifications essential to	Maximum	Overflight dB(A)		See
Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C977	Sensenich Propeller Manufacturing Company, Inc.	74DM7S14-2-64	None	990	67.1	73.2	-

¹ See Note 1.



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Type Certificate Holder¹ **GROB Aircraft SE** Aircraft Type Designation¹ G115C2

Engine Type Designation¹ Engine Manufacturer¹ **Lycoming Engines** O-360-A1F6

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 10 (10.4a)

FACA	Dropollor		Additional modifications essential to meet	Maximum	Take-O	ff dB(A)	500
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
C3754	Hartzell Propeller Inc.	HC-F2YR-1F/F7666A-3R	None	990	75.2	83.1	-

¹ See Note 1.



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Type Certificate Holder¹ **GROB Aircraft SE** Aircraft Type Designation¹ G115C2

Engine Type Designation¹ Engine Manufacturer¹ **Lycoming Engines** O-360-A1F6

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

FACA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	500
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
C978	Hartzell Propeller Inc.	HC-F2YR-1F/F7666A-3R	None	990	63.7	73.2	-

¹ See Note 1.



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Type Certificate Holder¹ **GROB Aircraft SE** Aircraft Type Designation¹ G115D

Engine Type Designation¹ Engine Manufacturer¹ **Lycoming Engines AEIO-360-B1F**

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 10 (10.4a)

EASA	Propeller		Additional modifications essential to meet	Maximum	Take-O	ff dB(A)	Soo
Record No.	Manufacturer ¹	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
C3755	MT-Propeller Entwicklung GmbH	MTV-12-B-C/C183-17e	None	990	79.4	83.1	-



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Type Certificate Holder¹ **GROB Aircraft SE** Aircraft Type Designation¹ G115D

Engine Type Designation¹ Engine Manufacturer¹ **Lycoming Engines AEIO-360-B1F**

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

EACA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	Coo
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
C979	Hoffmann Propeller	HO-V343K()-V-180FP	None	990	65.1	73.2	-

¹ See Note 1.



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Type Certificate Holder¹ **GROB Aircraft SE** Aircraft Type Designation¹ G115D2

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-320-D1B**

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 10 (10.4a)

FACA	Dropollor		Additional modifications essential to meet	Maximum	Take-O	ff dB(A)	500
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note
C41	Hoffmann Propeller	HO-23-CHM-()188-156	None	990	68.6	83.1	-

¹ See Note 1.



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Type Certificate Holder¹ GROB Aircraft SE Aircraft Type Designation¹ G115E

Engine Manufacturer¹ Lycoming Engines Engine Type Designation¹ AEIO-360-B1F

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 10 (10.4a)

EASA	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See
Record No.			the requirements or needed to attain the certificated noise levels ¹		Level ¹	Limit	Note
C43	Hoffmann Propeller	HO-V343K-V-183GY	None	990			2
C10869	MT-Propeller Entwicklung GmbH	MTV-12-B-C/C183-17e	None	990			2



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Type Certificate Holder¹ **GROB Aircraft SE** Aircraft Type Designation¹ G115E

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-360-B1F**

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment **Edition 8 / Amendment 13** Chapter¹ 10 (10.4b)

EACA	Dropollor	Propeller Type Designation ¹	Additional modifications essential to meet	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		Coo
EASA Record No.	Propeller Manufacturer ¹		the requirements or needed to attain the certificated noise levels ¹		Level ¹	Limit	See Note
C15225	MT-Propeller Entwicklung GmbH	MTV-12-B-C/C183-17e		990	77.4	78.6	-



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Type Certificate Holder¹ **GROB Aircraft SE** Aircraft Type Designation¹ **G115EG**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **AEIO-360-B1B**

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 10 (10.4a)

EASA	Dropollor	Propeller Type Designation ¹	Additional modifications essential to meet	Maximum	Take-Off dB(A)		Soo
Record No.	Propeller Manufacturer ¹		the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
C9377	MT-Propeller Entwicklung GmbH MTV-12-B-C/CC183-17e		None	990			2

¹ See Note 1.



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Type Certificate Holder¹ **GROB Aircraft SE** Aircraft Type Designation¹ **G115TA**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ AEIO-540-D4D5

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	Maximum Take-Off Mass¹ (kg)	Take-Off dB(A)		Coo
			the requirements or needed to attain the certificated noise levels ¹		Level ¹	Limit	See Note
C980	Hartzell Propeller Inc.	HC-C3YR-4BF/FC7663R	None	1,440	81.9	88.0	-

¹ See Note 1.



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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.364 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, by virtue of being specifically designed for aerobatic purposes.

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Change Record

Issue	Date	Changes
Issue 1	28 August 2009	Initial Issue
Issue 2	20 September 2023	TC holder revised
Issue 3	13 December 2023	Records C10869 and C15225 for G115E added