



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**

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	
C967	Sensenich Propeller Manufacturing Company, Inc.	72CK56-2-53	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.



Type Certificate Holder¹ **GROB Aircraft SE** Aircraft Type Designation¹ **G115A**

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

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	
C972	Sensenich Propeller Manufacturing Company, Inc.	72CK56-2-53	None	850	64.9	71.3	-
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.



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 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	
C973	Sensenich Propeller Manufacturing Company, Inc.	74DM6S5-2-64	None	920	64.1	72.3	-

¹ See Note 1.



Type Certificate Holder¹ **GROB Aircraft SE** Aircraft Type Designation¹ **G115B**

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

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	
C974	Sensenich Propeller Manufacturing Company, Inc.	74DM6S5-2-64	None	920	64.1	72.3	-

¹ See Note 1.



Type Certificate Holder¹ **GROB Aircraft SE** Aircraft Type Designation¹ **G115B**

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

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	
C975	Sensenich Propeller Manufacturing Company, Inc.	74DM6S5-2-64	None	920	64.1	72.3	-

¹ See Note 1.



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 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	
C976	Sensenich Propeller Manufacturing Company, Inc.	74DM7S14-2-64	None	990	69.3	83.1	-

¹ See Note 1.



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 **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	
C977	Sensenich Propeller Manufacturing Company, Inc.	74DM7S14-2-64	None	990	67.1	73.2	-

¹ See Note 1.



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

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

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	
C3754	Hartzell Propeller Inc.	HC-F2YR-1F/F7666A-3R	None	990	75.2	83.1	-

¹ See Note 1.



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

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

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	
C978	Hartzell Propeller Inc.	HC-F2YR-1F/F7666A-3R	None	990	63.7	73.2	-

¹ See Note 1.



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

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 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	
C3755	MT-Propeller Entwicklung GmbH	MTV-12-B-C/C183-17e	None	990	79.4	83.1	-

¹ See Note 1.



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

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

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	
C979	Hoffmann Propeller	HO-V343K()-V-180FP	None	990	65.1	73.2	-

¹ See Note 1.



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)**

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	
C41	Hoffmann Propeller	HO-23-CHM-()188-156	None	990	68.6	83.1	-

¹ See Note 1.



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 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	
C43	Hoffmann Propeller	HO-V343K-V-183GY	None	990			2
C10869	MT-Propeller Entwicklung GmbH	MTV-12-B-C/C183-17e	None	990			2

¹ See Note 1.



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)**

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	
C15225	MT-Propeller Entwicklung GmbH	MTV-12-B-C/C183-17e	OCN 1078-269 (Utility category Modifications)	990	77.4	78.6	-

¹ See Note 1.



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 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	
C9377	MT-Propeller Entwicklung GmbH	MTV-12-B-C/CC183-17e	None	990			2

¹ See Note 1.



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 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	
C980	Hartzell Propeller Inc.	HC-C3YR-4BF/FC7663R	None	1,440	81.9	88.0	-

¹ 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.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.



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

