

# ***European Aviation Safety Agency***

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**EASA**

## **TYPE-CERTIFICATE DATA SHEET FOR NOISE**

**G115**

**Type Certificate Holder:**  
**GROB Aircraft AG**  
Lettenbachstrasse 9  
386874 Tussenhausen-Mattsies  
GERMANY

For models : G115  
G115A  
G115B  
G115C  
G115C2  
G115D  
G115D2  
G115E  
G115EG  
G115TA

Issue 1, 28 August 2009

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Aircraft Manufacturer\*      **GROB Aircraft AG**      Aircraft Type Designation\*      **G115**  
 Engine Manufacturer\*      **Lycoming**      Engine Type Designation\*      **O-235-H2C**  
 Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter\*      **6**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass * (kg)	Overflight dB(A)	
					Level *	Limit
C967	<b>Sensenich</b>	<b>72CK56-2-53</b>	<b>none</b>	<b>850</b>	<b>64,9</b>	<b>71,3</b>
C963	<b>Hoffmann Propeller</b>	<b>HO-14-175-120</b>	<b>none</b>	<b>850</b>	<b>66,0</b>	<b>71,3</b>
C964	<b>Hoffmann Propeller</b>	<b>HO-14-HM-175-120</b>	<b>none</b>	<b>850</b>	<b>66,0</b>	<b>71,3</b>

\* Items so marked shall be included on EASA Form 45.

\*\* Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45

Aircraft Manufacturer\*      **GROB Aircraft AG**      Aircraft Type Designation\*      **G115A**  
 Engine Manufacturer\*      **Lycoming**      Engine Type Designation\*      **O-235-H2C**  
 Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter\*      **6**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass * (kg)	Overflight dB(A)	
					Level *	Limit
C972	<b>Sensenich</b>	<b>72CK56-2-53</b>	<b>none</b>	<b>850</b>	<b>64,9</b>	<b>71,3</b>
C968	<b>Hoffmann Propeller</b>	<b>HO-14-175-120</b>	<b>none</b>	<b>850</b>	<b>66,0</b>	<b>71,3</b>
C969	<b>Hoffmann Propeller</b>	<b>HO-14-HM-175-120</b>	<b>none</b>	<b>850</b>	<b>66,0</b>	<b>71,3</b>

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Aircraft Manufacturer\*      **GROB Aircraft AG**      Aircraft Type Designation\*      **G115B**  
 Engine Manufacturer\*      **Lycoming**      Engine Type Designation\*      **O-320-D1A**  
 Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter\*      **6**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass * (kg)	Overflight dB(A)	
					Level *	Limit
C973	<b>Sensenich</b>	<b>74DM6S5-2-64</b>	<b>none</b>	<b>920</b>	<b>64,1</b>	<b>72,3</b>

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Aircraft Manufacturer\*      **GROB Aircraft AG**      Aircraft Type Designation\*      **G115B**  
 Engine Manufacturer\*      **Lycoming**      Engine Type Designation\*      **O-320-D2A**  
 Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter\*      **6**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass * (kg)	Overflight dB(A)	
					Level *	Limit
C974	<b>Sensenich</b>	<b>74DM6S5-2-64</b>	<b>none</b>	<b>920</b>	<b>64,1</b>	<b>72,3</b>

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Aircraft Manufacturer\*      **GROB Aircraft AG**      Aircraft Type Designation\*      **G115B**  
 Engine Manufacturer\*      **Lycoming**      Engine Type Designation\*      **O-320-D3G**  
 Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter\*      **6**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass * (kg)	Overflight dB(A)	
					Level *	Limit
C975	<b>Sensenich</b>	<b>74DM6S5-2-64</b>	<b>none</b>	<b>920</b>	<b>64,1</b>	<b>72,3</b>

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Aircraft Manufacturer\*      **GROB Aircraft AG**      Aircraft Type Designation\*      **G115C**  
 Engine Manufacturer\*      **Lycoming**      Engine Type Designation\*      **O-320-D1A**  
 Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter\*      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level *	Limit
C976	<b>Sensenich</b>	<b>74DM7S14-2-64</b>	<b>none</b>	<b>990</b>	<b>69,3</b>	<b>83,1</b>

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Aircraft Manufacturer\*      **GROB Aircraft AG**      Aircraft Type Designation\*      **G115C**  
 Engine Manufacturer\*      **Lycoming**      Engine Type Designation\*      **O-320-D1A**  
 Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter\*      **6**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass * (kg)	Overflight dB(A)	
					Level *	Limit
C977	<b>Sensenich</b>	<b>74DM7S14-2-64</b>	<b>none</b>	<b>990</b>	<b>67,1</b>	<b>73,2</b>

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Aircraft Manufacturer\*      **GROB Aircraft AG**      Aircraft Type Designation\*      **G115C2**  
 Engine Manufacturer\*      **Lycoming**      Engine Type Designation\*      **O-360-A1F6**  
 Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter\*      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level *	Limit
C3754	<b>Hartzell Propeller Inc.</b>	<b>HC-F2YR-1F/F7666A-3R</b>	<b>none</b>	<b>990</b>	<b>75,2</b>	<b>83,1</b>

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Aircraft Manufacturer\*      **GROB Aircraft AG**      Aircraft Type Designation\*      **G115C2**  
 Engine Manufacturer\*      **Lycoming**      Engine Type Designation\*      **O-360-A1F6**  
 Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter\*      **6**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass * (kg)	Overflight dB(A)	
					Level *	Limit
C978	<b>Hartzell Propeller Inc.</b>	<b>HC-F2YR-1F/F7666A-3R</b>	<b>none</b>	<b>990</b>	<b>63,7</b>	<b>73,2</b>

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Aircraft Manufacturer\*      **GROB Aircraft AG**      Aircraft Type Designation\*      **G115D**  
 Engine Manufacturer\*      **Lycoming**      Engine Type Designation\*      **AEIO-360-B1F**  
 Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter\*      **6**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass * (kg)	Overflight dB(A)	
					Level *	Limit
C979	<b>Hoffmann Propeller</b>	<b>HO-V343K()-V-180FP</b>	<b>none</b>	<b>990</b>	<b>65,1</b>	<b>73,2</b>

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Aircraft Manufacturer\*      **GROB Aircraft AG**      Aircraft Type Designation\*      **G115D**  
 Engine Manufacturer\*      **Lycoming**      Engine Type Designation\*      **AEIO-360-B1F**  
 Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter\*      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass * (kg)	Take-off dB(A)	
					Level *	Limit
C3755	<b>MT-Propeller</b>	<b>MTV-12-B-C/C183-17e</b>	<b>none</b>	<b>990</b>	<b>79,4</b>	<b>83,1</b>

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Aircraft Manufacturer\*      **GROB Aircraft AG**      Aircraft Type Designation\*      **G115D2**  
 Engine Manufacturer\*      **Lycoming**      Engine Type Designation\*      **AEIO-320-D1B**  
 Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter\*      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level *	Limit
C41	<b>Hoffmann Propeller</b>	<b>HO-23-CHM-()188-156</b>	<b>none</b>	<b>990</b>	<b>68,6</b>	<b>83,1</b>

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Aircraft Manufacturer	<b>GROB Aircraft AG</b>	Aircraft Type Designation	<b>G115E</b>
Engine Manufacturer	<b>Lycoming</b>	Engine Type Designation	<b>AEIO-360-B1F</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter <b>10</b>

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications	Maximum Take-off mass (kg)	Take-off dB(A)	
					Level	Limit
C43	<b>Hoffmann Propeller</b>	<b>HO-V343K-V-183GY</b>	<b>none</b>	<b>990</b>	<b>**</b>	<b>**</b>

\*\* This aircraft is considered to be specifically designed for aerobatic purposes. The aircraft is in accordance with the provisions of Article 6.1 of Regulation 216/2008 without the need comply with the Standards of ICAO Annex 16, Volume I.

Aircraft Manufacturer	<b>GROB Aircraft AG</b>	Aircraft Type Designation	<b>G115EG</b>
Engine Manufacturer	<b>Lycoming</b>	Engine Type Designation	<b>AEIO-360-B1B</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter <b>10</b>

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications	Maximum Take-off mass (kg)	Take-off dB(A)	
					Level	Limit
C9377	<b>MT-Propeller</b>	<b>MTV-12-B-C/CC183-17e</b>	<b>none</b>	<b>990</b>	<b>**</b>	<b>**</b>

\*\* This aircraft is considered to be specifically designed for aerobatic purposes. The aircraft is in accordance with the provisions of Article 6.1 of Regulation 216/2008 without the need comply with the Standards of ICAO Annex 16, Volume I.



Aircraft Manufacturer\*      **GROB Aircraft AG**      Aircraft Type Designation\*      **G115TA**  
 Engine Manufacturer\*      **Lycoming**      Engine Type Designation\*      **AEIO-540-D4D5**  
 Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter\*      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level *	Limit
C980	<b>Hartzell Propeller Inc.</b>	<b>HC-C3YR-4BF/FC7663R</b>	<b>none</b>	<b>1.440</b>	<b>81,9</b>	<b>88,0</b>

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