



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.434

for

HB 21

Type Certificate Holder:
HB-Flugtechnik GmbH
Dr. Adolf Schärfstrasse 42
A-4053 Haid
Austria

For models: HB 21
HB 21 V2
HB 21/2400
HB 21/2400 B



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Type Certificate Holder¹ **HB-Flugtechnik GmbH** Aircraft Type Designation¹ **HB 21**

Engine Manufacturer¹ **VW** Engine Type Designation¹ **VW-W-1600 G**

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	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C3113	Hoffmann Propeller	HO-14()-172-117-LD	none	710	67.0	78.4	-

¹ See Note 1.



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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	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C3114	Hoffmann Propeller	HO-14()-172-117-LD	none	710	66.8	69.5	-
C10984	Hoffmann Propeller	HO-14()-175-117-LD	none	710	66.8	69.5	-

¹ See Note 1.



Type Certificate Holder¹ **HB-Flugtechnik GmbH** Aircraft Type Designation¹ **HB 21**

Engine Manufacturer¹ **VW** Engine Type Designation¹ **VW-W-1600 G/2**

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	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C3115	Hoffmann Propeller	HO-14()-172-117-LD	none	710	67.0	78.4	-

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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	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C12103	Hoffmann Propeller	HO-14()-175-117-LD	none	750	70.0	70.0	-
C10985	Hoffmann Propeller	HO-14()-175-117-LD	none	710	66.8	69.5	-

¹ See Note 1.



Type Certificate Holder¹ **HB-Flugtechnik GmbH** Aircraft Type Designation¹ **HB 21 V2**

Engine Manufacturer¹ **VW** Engine Type Designation¹ **VW-W-1600 G**

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	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C3766	Hoffmann Propeller	HO-14()-175-117-LD	none	700	66.8	69.3	-

¹ See Note 1.



Type Certificate Holder ¹	HB-Flugtechnik GmbH	Aircraft Type Designation ¹	HB 21/2400
Engine Manufacturer ¹	VW	Engine Type Designation ¹	VW-HB-2400 G
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 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	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C10371	Hoffmann Propeller	HO-14()-172-130-LD	none	750	69.5	70.0	-

¹ See Note 1.



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Engine Manufacturer ¹	VW	Engine Type Designation ¹	VW-HB-2400 G
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 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	Maximum Take-off mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C3116	Hoffmann Propeller	HO-14()-172-130-LD	none	775	69.5	70.3	-

¹ See Note 1.



TCDSN EASA.A.434 Notes

1. Items so marked shall be included on EASA Form 45.



Change Record

Issue	Date	Changes
Issue 1	04 April 2011	Initial release
Issue 2	21 March 2013	Added record C10984 and C10985
Issue 3	20 October 2014	Revised.

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