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Issue: 3 Date: 20 October 2014



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

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

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

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum Take-o		ff dB(A)	See
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	Note
C3113	Hoffmann Propeller	HO-14()-172-117-LD	none	710	67.0	78.4	-

¹ See Note 1.



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

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

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

EASA	Propeller	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	Take-off mass ¹ (kg)	Level ¹	Limit	Note
C3114	Hoffmann	HO-14()-172-117-LD	none	710	66.8	69.5	_
C3114	Propeller						_
C10984	Hoffmann	HO-14()-175-117-LD	none	710	66.8	69.5	
C10984	Propeller	no-14()-1/3-11/-LD					-

¹ See Note 1.



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

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

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

EASA	EASA Propeller Propeller Type		Additional modifications essential to meet the	Maximum	Take-off dB(A)		See
Record No.	Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg) Level ¹	Level ¹	Limit	Note
C3115	Hoffmann Propeller	HO-14()-172-117-LD	none	710	67.0	78.4	-

¹ See Note 1.



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

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

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

EASA	Propeller	peller 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	Take-off mass ¹ (kg)	Level ¹	Limit	Note
C12103	Hoffmann	HO-14()-175-117-LD	none	750	70.0	70.0	_
C12103	Propeller						_
C1009E	Hoffmann	HO-14()-175-117-LD	none	710	66.8	69.5	
C10985	Propeller						-

¹ See Note 1.



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

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

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

EASA	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	Take-off mass ¹ (kg)	Level ¹	Limit	Note
C3766	Hoffmann Propeller	HO-14()-175-117-LD	none	700	66.8	69.3	-

¹ See Note 1.



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Aircraft Type Designation¹ Type Certificate Holder¹ HB-Flugtechnik GmbH HB 21/2400

Engine Manufacturer¹ Engine Type Designation¹ VW VW-HB-2400 G

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

EASA P	Propeller F	' ''	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum	Overflig	ht dB(A)	See
Record No.	Manufacturer ¹			Take-off mass ¹ (kg)	Level ¹	Limit	Note
C10371	Hoffmann Propeller	HO-14()-172-130-LD	none	750	69.5	70.0	-

¹ See Note 1.



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Aircraft Type Designation¹ Type Certificate Holder¹ HB-Flugtechnik GmbH HB 21/2400 B

Engine Manufacturer¹ Engine Type Designation¹ VW VW-HB-2400 G

Edition / Amendment Chapter¹ **Noise Certification Basis** ICAO Annex 16, Volume I 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	Take-off mass ¹ (kg)	Level ¹	Limit	Note
C3116	Hoffmann Propeller	HO-14()-172-130-LD	none	775	69.5	70.3	-

¹ See Note 1.



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TCDSN EASA.A.434 Notes

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

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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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