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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)

EACA	Dropollor	Propeller Type	Additional modifications essential to meet the	Maximum	Take-Off dB(A)		Soo
Record No.	Posignation 1 requirements or needed to attain the certificated		Take-Off Mass¹ (kg)	Level ¹	Limit	See Note	
C3113	Hoffmann Propeller HO-14()-172-117-LD None		710	67.0	78.4	-	



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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 6

EACA	Dranellar	Propeller Type	Additional modifications essential to meet the	Maximum	Overflight dB(A)		Coo
Record No.	Properlies requirements or needed to attain the certificated		Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note	
C3114	Hoffmann Propeller	HO-14()-172-117-LD	None	710	66.8	69.5	-
C14461	Hoffmann Propeller	HO-14()-175-117-LD	None	750	70.0	70.0	-
C10984	Hoffmann Propeller	HO-14()-175-117-LD	None	710	66.8	69.5	-

¹ See Note 1.



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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/2

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

EACA	Dropollor	Propeller Type	Additional modifications essential to meet the	Maximum	Take-Off dB(A)		Coo
Record No.	Posignation 1 requirements or needed to attain the certificated		Take-Off Mass¹ (kg)	Level ¹	Limit	See Note	
C3115	Hoffmann Propeller HO-14()-172-117-LD None		710	67.0	78.4	-	



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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/2

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

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 ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C12103	Hoffmann	HO-14()-175-117-LD	None	750	70.0	70.0	_
C12103	Propeller	opeller HO-14()-173-117-LD	None	750	75.0	70.0	_
C10985	Hoffmann	HO-14()-175-117-LD	None	710	66.8	69.5	
C10982	Propeller	HU-14()-1/5-11/-LD	Moule	/10	00.8	09.5	-



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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

EACA Dropoller		Propeller Type	Additional modifications essential to meet the	Maximum	Overflight dB(A)		See Note
Record No.	Posignation 1 requirements or needed to attain the certificated		Take-Off Mass¹ (kg)	Level ¹	Limit		
C3766	Hoffmann Propeller	HO-14()-175-117-LD None		700	66.8	69.3	-

¹ See Note 1.



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

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

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

EASA	Dranallar	Propeller Type	Additional modifications essential to meet the	Maximum	Overflight dB(A)		Soo
Record No.	Properties 1 requirements or needed to attain the certificated		Take-Off Mass¹ (kg)	Level ¹	Limit	See Note	
C10371	Hoffmann Propeller	HO-14()-172-130-LD None		750	69.5	70.0	-



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

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

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

EACA	Dranallar	Propeller Type	Additional modifications essential to meet the	Maximum	Overflight dB(A)		Coo
Record No.	Posignation 1 requirements or needed to attain the certificated	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note		
C3116	Hoffmann Propeller	HO-14()-172-130-LD None		775	69.5	70.3	-



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CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12
Corresponding CS-36 Amendment level		1	2	3	4	5

TCDSN EASA.A.434 Notes

1. In cases where it is appropriate to issue a noise certificate, 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.
Issue 4	25 March 2021	Record C14461 added.

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