



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.065

for

H 36

Type Certificate Holder:
Diamond Aircraft Industries GmbH
N.A. Otto-Str. 5
A-2700 Wiener Neustadt
AUSTRIA

For models:

H 36
HK 36
HK 36 R
HK 36 TC
HK 36 TS
HK 36 TTC
HK 36 TTC-ECO
HK 36 TTS



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Type Certificate Holder¹ **Diamond Aircraft Industries GmbH** Aircraft Type Designation¹ **H 36**

Engine Manufacturer¹ **Limbach** Engine Type Designation¹ **L 2000 EB 1.AC**

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	
C1778	Hoffmann Propeller	HO-V62-R-L160BT	None	770	59.3	70.3	-
C1779	Hoffmann Propeller	HO-V62-R-L-160-T	None	770	62.8	70.3	-

¹ See Note 1.



Type Certificate Holder¹ **Diamond Aircraft Industries GmbH** Aircraft Type Designation¹ **HK 36**

Engine Manufacturer¹ **Limbach** Engine Type Designation¹ **L 2400 EB 1.C**

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	
C5680	MT-Propeller Entwicklung GmbH	MTV-1-A/L 160-03	None	770	61.9	70.3	-

¹ See Note 1.



Type Certificate Holder¹ **Diamond Aircraft Industries GmbH** Aircraft Type Designation¹ **HK 36 R**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 A2**

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	
C1786	MT-Propeller Entwicklung GmbH	MTV-1-A/170-08	None	770	55.5	70.3	2

¹ See Note 1.



Type Certificate Holder¹ **Diamond Aircraft Industries GmbH** Aircraft Type Designation¹ **HK 36 R**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 A3**

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	
C10466	Hoffmann Propeller	HO-V352F-S1-S170FQ	None	770	65.4	79.5	2

¹ See Note 1.



Type Certificate Holder¹ **Diamond Aircraft Industries GmbH** Aircraft Type Designation¹ **HK 36 TC**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 A3**

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	
C3770	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/C175-05	None	770	65.7	79.5	2
C45	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/CF175-05	None	770	61.8	79.5	2

¹ See Note 1.



Type Certificate Holder¹ **Diamond Aircraft Industries GmbH** Aircraft Type Designation¹ **HK 36 TC**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 S3**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment 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	
C1792	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/CF175-05	Silencer: DAI TC1-7806-10-00() or 820-7100-08-06() Standard exhaust	770	64.5	74.7	2

¹ See Note 1.



Type Certificate Holder¹ **Diamond Aircraft Industries GmbH** Aircraft Type Designation¹ **HK 36 TS**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 A3**

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	
C3771	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/C(F)175-05	None	770	65.0	79.5	2

¹ See Note 1.



Type Certificate Holder¹ **Diamond Aircraft Industries GmbH** Aircraft Type Designation¹ **HK 36 TTC**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 914 F3**

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	
C5006	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/CF175-05	Silencer: Bombardier-Rotax GmbH 979-401 Standard muffler	770	70.3	79.5	2
C5008	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/CF175-05	Silencer: Bombardier-Rotax GmbH 979-405 Noise Reduction muffler acc. MSB-36-057 (alternative P/N acc. MSB: DAI-1 or 979-402, -404, -406)	770	64.3	79.5	2

¹ See Note 1.



Type Certificate Holder¹ **Diamond Aircraft Industries GmbH** Aircraft Type Designation¹ **HK 36 TTC**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 914 F4**

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	
C5007	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/CF175-05	Silencer: Bombardier-Rotax GmbH 979-401 Standard muffler	770	70.3	79.5	2
C5009	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/CF175-05	Silencer: Bombardier-Rotax GmbH 979-405 Noise Reduction muffler acc. MSB-36-057 (alternative P/N acc. MSB: DAI-1 or 979-402, -404, -406)	770	64.3	79.5	2

¹ See Note 1.



Type Certificate Holder¹ **Diamond Aircraft Industries GmbH** Aircraft Type Designation¹ **HK 36 TTC-ECO**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 914 F3**

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	
C11	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/CF175-05	Silencer: Bombardier-Rotax GmbH 979-405 Noise Reduction muffler acc. MSB-36-057 (alternative P/N acc. MSB: DAI-1 or 979-402, -404, -406)	770	59.9	79.5	2

¹ See Note 1.



Type Certificate Holder¹ **Diamond Aircraft Industries GmbH** Aircraft Type Designation¹ **HK 36 TTC-ECO**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 914 F4**

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	
C13	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/CF175-05	Silencer: Bombardier-Rotax GmbH 979-405 Noise Reduction muffler acc. MSB-36-057 (alternative P/N acc. MSB: DAI-1 or 979-402, -404, -406)	770	59.9	79.5	2

¹ See Note 1.



Type Certificate Holder¹ **Diamond Aircraft Industries GmbH** Aircraft Type Designation¹ **HK 36 TTS**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 914 F3**

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	
C3773	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/CF175-05	Silencer: Bombardier-Rotax GmbH 979-401 Standard muffler	770	70.2	79.5	2
C3772	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/CF175-05	Silencer: Bombardier-Rotax GmbH 979-405 Noise Reduction muffler acc. MSB-36-057 (alternative P/N acc. MSB: DAI-1 or 979-402, -404, -406)	770	64.2	79.5	2

¹ See Note 1.



Type Certificate Holder¹ **Diamond Aircraft Industries GmbH** Aircraft Type Designation¹ **HK 36 TTS**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 914 F4**

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	
C3775	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/CF175-05	Silencer: Bombardier-Rotax GmbH 979-401 Standard muffler	770	70.2	79.5	2
C3774	MT-Propeller Entwicklung GmbH	MTV-21-A-C-F/CF175-05	Silencer: Bombardier-Rotax GmbH 979-405 Noise Reduction muffler acc. MSB-36-057 (alternative P/N acc. MSB: DAI-1 or 979-402, -404, -406)	770	64.2	79.5	2

¹ See Note 1.



CS-36 Amendment level

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

TCDSN EASA.A.065 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. Also applicable to engines with the designation suffix -01



Change Record

Issue	Date	Changes
Issue 1	29 January 2007	Initial Release
Issue 2	21 February 2007	Revised
Issue 3	30 April 2007	Revised
Issue 4	22 October 2007	Revised
Issue 5	18 June 2010	Amended Record C1792
Issue 6	19 January 2011	Record C3771 revised
Issue 7	18 November 2011	Record C10466 added.
Issue 8	15 January 2021	Records C3772, C3774, C5008, C5009 and C5680 added, Records C11, C13, C3773, C3775 C5006, C5007: Muffler revised

