



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.439

for

Diamond DV 20

Type Certificate Holder:
Diamond Aircraft Industries GmbH
Nikolaus-August-Otto-Straße 5
2700 Wiener Neustadt
AUSTRIA

For models:

DV 20

DV 20 E



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Type Certificate Holder¹ **Diamond Aircraft Industries GmbH** Aircraft Type Designation¹ **DV 20**
 (Commercial Designation **Katana**)

Engine TC Holder **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 TC Holder	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	
C3742	MT-Propeller Entwicklung GmbH	MTV-21-A/175-05	None	730	66.7	78.8	2

¹ See Note 1.



Type Certificate Holder ¹	Diamond Aircraft Industries GmbH	Aircraft Type Designation ¹ (Commercial Designation)	DV 20 Katana
Engine TC Holder	BRP - Rotax GmbH & Co.KG	Engine Type Designation ¹	Rotax 912 A3
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 6

EASA Record No.	Propeller TC Holder	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	
C3013	Hoffmann Propeller	HO-V352F-()170FQ	None	730	58.0	69.7	2
C3015	Hoffmann Propeller	HO-V72F-S170DW	None	730	58.9	69.7	2

¹ See Note 1.



Type Certificate Holder ¹	Diamond Aircraft Industries GmbH	Aircraft Type Designation ¹ (Commercial Designation	DV 20 Katana)
Engine TC Holder	BRP - Rotax GmbH & Co.KG	Engine Type Designation ¹	Rotax 912 S3
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 10 (10.4a)

EASA Record No.	Propeller TC Holder	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	
C9365	Hoffmann Propeller	HO-V352F-()170FQ	None	730	67.4	78.8	2

¹ See Note 1.



Type Certificate Holder¹ **Diamond Aircraft Industries GmbH** Aircraft Type Designation¹ **DV 20 E**

Engine TC Holder **BRP Powertrain** Engine Type Designation¹ **Rotax 912 iSc3 Sport**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 6 / Amendment 10** Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller TC Holder	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	
C12572	MT-Propeller Entwicklung GmbH	MTV-21-A/175-05	Muffler: Diamond Aircraft D21-7806-10-00()	800	71.7	75.3	-

¹ See Note 1.



Correspondence between the ICAO Annex 16 Volume I levels of amendment and the related EU regulations

The table below provides the correspondence between the levels of amendment of Volume I of ICAO Annex 16 and the related EU regulations that have implemented these levels of amendment since 2003, as well as the respective applicability dates.

ICAO Annex 16 Volume I		EU regulations	
Amendment level	Applicability date	Regulation number	Applicability date
Amendment 14	01/01/2024	Regulation (EU) 2025/870*	25/05/2025
Amendment 13	01/01/2021	Regulation (EU) 2021/1087*	25/07/2021
Amendment 12	01/01/2018	Regulation (EU) 2018/1139 (Art.9)	11/09/2018
Amendment 11-B	01/01/2015	Regulation (EU) 2016/4*	26/01/2016
Amendment 10	17/11/2011	Regulation (EU) No 6/2013*	29/01/2013
Amendment 9	20/11/2008	Regulation (EC) No 690/2009*	20/08/2009
Amendment 8	24/11/2005	Regulation (EC) No 216/2008 (Art.6)	29/03/2007
		Regulation (EC) No 334/2007*	29/03/2007
Amendment 7	21/03/2002	Regulation (EC) No 1701/2003*	28/09/2003
Amendment 6	04/11/1999	Regulation (EC) No 1592/2002 (Art.6)	28/09/2003

* Regulations that amend Article 6 of Regulations (EC) No 1592/2002 and (EC) No 216/2008, and Article 9 of Regulation (EU) 2018/1139

TCDSN EASA.A.439 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	01 October 2009	Initial Issue
Issue 2	06 April 2011	Record C10373 and C10374 added
Issue 3	20 October 2014	Revised
Issue 4	25 January 2016	Record C12572 added
Issue 5	05 December 2025	Record C12572 revised

