

TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.639

for

DA 50 C

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

For models: DA 50 C



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Type Certificate Holder ¹	Diamond Aircraft Industries	GmbH	Aircraft Type Desigr	nation ¹	DA 50 C
Engine Manufacturer ¹	Continental Aerospace Technologies GmbH		Engine Type Designation ¹		Centurion 3.0
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 8 / Amendment 12	Chapter ¹	10 (10.4b)

EASA Propeller			Additional modifications essential to meet	Maximum	Take-Off dB(A)		See
Record No.	i i openet type besignation		the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	Note
C14406	MT-Propeller Entwicklung GmbH	MTV-12-D/210-56	Muffler: Diamond Aircraft D54-7806-11-00() and D54-7806-12-00() Standard Exhaust according to MÄM 50-097	1,999	85.0	85.0	-

¹ See Note 1.



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Type Certificate Holder ¹	Diamond Aircraft Industries GmbH		Aircraft Type Designation ¹ (Commercial Designation		DA 50 C DA 50 RG)	
Engine Manufacturer ¹	Continental Aerospace Technologies GmbH		Engine Type Design	ation ¹	Centurion 3.0	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 8 / Amendment 13	Chapter ¹	10 (10.4b)	

EASAPropellerPropeller Type Designation1Record No.Manufacturer1			Additional modifications essential to meet	Maximum	Take-Off dB(A)		See Note
		the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit		
C15250	MT-Propeller Entwicklung GmbH	MTV-12-D/210-56	Muffler: Diamond Aircraft D54-7806-21-00() and D54-7806-22-00() Standard Exhaust according to MÄM 50-110	1,999	82.5	85.0	2

¹ See Note 1.



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CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12	13
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5	6

TCDSN EASA.A.639 Notes

- 1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
- 2. with or without Air Conditioning System (RACC) acc. OÄM 50-002 installed



Change Record

Issue	Date	Changes
Issue 01	27 August 2020	Initial Issue
Issue 02	05 October 2023	Muffler description of record C14406 amended
Issue 03	28 November 2023	Record C15250 added

