

European Aviation Safety Agency

EASA

TYPE-CERTIFICATE DATA SHEET FOR NOISE

DA 42

**Type Certificate Holder:
Diamond Aircraft Industries GmbH**

N.A. Otto-Str. 5
A-2700 Wiener Neustadt
AUSTRIA

For models : DA 42
DA 42 M
DA 42 M-NG
DA 42 NG

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Type Certificate Holder* **Diamond Aircraft Industries GmbH** Aircraft Type Designation* **DA 42**
 Engine Manufacturer* **Thielert AG** Engine Type Designation* **TAE 125-01**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **3 Edition / Amendment 7** Chapter* **10 (10.4a)**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C10	MT-Propeller	MTV-6-A-C-F/CF187-129	none	1.785	76,8	88,0
C8	MT-Propeller	MTV-6-A-C-F/CF187-129	none	1.700	75,2	88,0

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

** Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45

Type Certificate Holder* **Diamond Aircraft Industries GmbH** Aircraft Type Designation* **DA 42**
 Engine Manufacturer* **Thielert AG** Engine Type Designation* **TAE 125-02-99**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **10 (10.4a)**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C5003	MT-Propeller	MTV-6-A-C-F/CF187-129	none	1.785	79,1	88,0
C5599	MT-Propeller	MTV-6-A-C-F/CF187-129	Silencer : Diamond Aircraft D60-7806-20-00 Additional Exhaust End Pipe according EASA.A.C.09310 (OÄM 42-130)	1.785	77,3	88,0
C5002	MT-Propeller	MTV-6-A-C-F/CF187-129	none	1.700	77,6	88,0

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Type Certificate Holder* **Diamond Aircraft Industries GmbH** Aircraft Type Designation* **DA 42 M**
 Engine Manufacturer* **Thielert AG** Engine Type Designation* **TAE 125-02-99**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **10 (10.4a)**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C5411	MT-Propeller	MTV-6-A-C-F/CF187-129	none	1.785	79,1	88,0

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Type Certificate Holder* **Diamond Aircraft Industries GmbH** Aircraft Type Designation* **DA 42 M-NG**
 Engine Manufacturer* **Austro Engine** Engine Type Designation* **E4**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **4 Edition / Amendment 8** Chapter* **10 (10.4a)**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C9263	MT-Propeller	MTV-6-R-C-F/CF187-129	E4-B (in accordance with DAI MSB E4-002), Silencer : Diamond Aircraft D64-7806-10-00	1.900	78,0	88,0
C10141	MT-Propeller	MTV-6-R-C-F/CF187-129	E4-B (in accordance with DAI MSB E4-002), Silencer : Diamond Aircraft D65-7806-10-00_ () On Top Exhaust according to OÄM 42-173	1.900	70,4	88,0

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

** Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45

Type Certificate Holder* **Diamond Aircraft Industries GmbH** Aircraft Type Designation* **DA 42 NG**
 Engine Manufacturer* **Austro Engine** Engine Type Designation* **E4**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **4 Edition / Amendment 8** Chapter* **10 (10.4a)**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C8967	MT-Propeller	MTV-6-R-C-F/CF187-129	E4-B (in accordance with DAI MSB E4-002), Silencer : Diamond Aircraft D64-7806-10-00	1.900	78,0	88,0
C10140	MT-Propeller	MTV-6-R-C-F/CF187-129	E4-B (in accordance with DAI MSB E4-002), Silencer : Diamond Aircraft D65-7806-10-00_() On Top Exhaust according to OÄM 42-173	1.900	70,4	88,0

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

** Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45

Change Record

Issue	Date	Changes
Issue 1		Initial Issue
Issue 2	28 September 2005	Page 3: Revise record A1182
Issue 3	23 January 2006	Page 3: Delete record A1182 Page 3: Add record C7 Page 3: Add record C10
Issue 4	01 February 2007	Page 3: Delete record C8 Page 4: Add record C5002 Page 4: Add record C5003
Issue 5	13 November 2007	Revised Page 4
Issue 6	14 December 2007	Page 5: Add record C5411
Issue 7	09 May 2008	Page 4: Add record C5599
Issue 8	30 January 2009	Page 5: Revise C5411
Issue 9	13 March 2009	Page 6: Add record C8967
Issue 10	09 June 2009	Page 6: Revise C8967 Page 7: Add record C9263
Issue 11	23 September 2010	Record C10140 and C10141 added; Record C8,C10, C5002, C5003, C5411 and C5599 revised.