

# ***European Aviation Safety Agency***

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**EASA**

## **TYPE-CERTIFICATE DATA SHEET FOR NOISE**

**DA 42 M**

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

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

For models : DA 42 M  
DA 42 M-NG

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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
C5412	<b>MT-Propeller</b>	<b>MTV-6-A-C-F/CF187-129</b>	<b>OÄM 42-106 (Belly Pod)</b>	<b>1.785</b>	<b>80,6</b>	<b>88,0</b>
C5705	<b>MT-Propeller</b>	<b>MTV-6-A-C-F/CF187-129</b>	<b>OÄM 42-107 (Universal nose)</b>	<b>1.785</b>	<b>79,3</b>	<b>88,0</b>
C5413	<b>MT-Propeller</b>	<b>MTV-6-A-C-F/CF187-129</b>	<b>none</b>	<b>1.785</b>	<b>79,1</b>	<b>88,0</b>
C10146	<b>MT-Propeller</b>	<b>MTV-6-A-C-F/CF187-129</b>	<b>OÄM 42-108 (Nose Pod)</b>	<b>1.785</b>	<b>79,6</b>	<b>88,0</b>

\* 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 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
C9732	<b>MT-Propeller</b>	<b>MTV-6-R-C-F/CF187-129</b>	<b>OÄM 42-168 (Belly Pod), E4-B (in accordance with DAI MSB E4-002) , Silencer : Diamond Aircraft D64-7806-10-00</b>	<b>1.900</b>	<b>78,9</b>	<b>88,0</b>
C9733	<b>MT-Propeller</b>	<b>MTV-6-R-C-F/CF187-129</b>	<b>OÄM 42-169 (Universal Nose), E4-B (in accordance with DAI MSB E4-002) , Silencer : Diamond Aircraft D64-7806-10-00</b>	<b>1.900</b>	<b>79,0</b>	<b>88,0</b>
C9736	<b>MT-Propeller</b>	<b>MTV-6-R-C-F/CF187-129</b>	<b>E4-B (in accordance with DAI MSB E4-002), Silencer : Diamond Aircraft D64-7806-10-00</b>	<b>1.900</b>	<b>78,0</b>	<b>88,0</b>
C10142	<b>MT-Propeller</b>	<b>MTV-6-R-C-F/CF187-129</b>	<b>E4-B (in accordance with DAI MSB E4-002), Silencer : Diamond Aircraft D65-7806-10-00_ ( ) On Top Exhaust according to OÄM 42-173</b>	<b>1.900</b>	<b>70,4</b>	<b>88,0</b>
C10143	<b>MT-Propeller</b>	<b>MTV-6-R-C-F/CF187-129</b>	<b>OÄM 42-168 (Belly Pod), E4-B (in accordance with DAI MSB E4-002) , Silencer : Diamond Aircraft D65-7806-10-00_ ( ) On Top Exhaust according to OÄM 42-173</b>	<b>1.900</b>	<b>71,0</b>	<b>88,0</b>
C10144	<b>MT-Propeller</b>	<b>MTV-6-R-C-F/CF187-129</b>	<b>OÄM 42-169 (Universal Nose), E4-B (in accordance with DAI MSB E4-002) , Silencer : Diamond Aircraft D65-7806-10-00_ ( ) On Top Exhaust according to OÄM 42-173</b>	<b>1.900</b>	<b>71,3</b>	<b>88,0</b>
C10145	<b>MT-Propeller</b>	<b>MTV-6-R-C-F/CF187-129</b>	<b>OÄM 42-170 (Nose Pod), E4-B (in accordance with DAI MSB E4-002) , Silencer : Diamond Aircraft D65-7806-10-00_ ( ) On Top Exhaust according to OÄM 42-173</b>	<b>1.900</b>	<b>71,2</b>	<b>88,0</b>
C10148	<b>MT-Propeller</b>	<b>MTV-6-R-C-F/CF187-129</b>	<b>OÄM 42-170 (Nose Pod), E4-B (in accordance with DAI MSB E4-002)</b>	<b>1.900</b>	<b>79,0</b>	<b>88,0</b>

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**Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
Issue 1	14 December 2007	Initial Issue
Issue 2	10 October 2008	Revised
Issue 3	30 January 2009	Revised
Issue 4	27 October 2009	Revised
Issue 5	23 September 2010	Records C10142-C10146 and C10148 added; Records C5412, C5413 and C5705 revised.