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## TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.A.005**

**for**

**DA 42 - Series**

**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  
DA 62



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Type Certificate Holder<sup>1</sup>      **Diamond Aircraft Industries GmbH**      Aircraft Type Designation<sup>1</sup>      **DA 42**

Engine Manufacturer<sup>1</sup>      **Continental Aerospace Technologies GmbH**      Engine Type Designation<sup>1</sup>      **TAE 125-01**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 3 / Amendment 7**      Chapter<sup>1</sup>      **10 (10.4a)**

| EASA Record No. | Propeller Manufacturer <sup>1</sup>  | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup> | Maximum Take-Off Mass <sup>1</sup> (kg) | Take-Off dB(A)     |             | See Note |
|-----------------|--------------------------------------|---|--|---|--------------------|-------------|----------|
|                 |                                      |   |  |   | Level <sup>1</sup> | Limit       |          |
| C10             | <b>MT-Propeller Entwicklung GmbH</b> | <b>MTV-6-A-C-F/CF187-129</b>            | <b>None</b>  | <b>1,785</b>                            | <b>76.8</b>        | <b>88.0</b> | -        |
| C8              | <b>MT-Propeller Entwicklung GmbH</b> | <b>MTV-6-A-C-F/CF187-129</b>            | <b>None</b>  | <b>1,700</b>                            | <b>75.2</b>        | <b>88.0</b> | -        |

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Diamond Aircraft Industries GmbH**      Aircraft Type Designation<sup>1</sup>      **DA 42**

Engine Manufacturer<sup>1</sup>      **Continental Aerospace Technologies GmbH**      Engine Type Designation<sup>1</sup>      **TAE 125-02-114**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 6 / Amendment 10**      Chapter<sup>1</sup>      **10 (10.4a)**

| EASA Record No. | Propeller Manufacturer <sup>1</sup>  | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup> | Maximum Take-Off Mass <sup>1</sup> (kg) | Take-Off dB(A)     |             | See Note |
|-----------------|--------------------------------------|---|--|---|--------------------|-------------|----------|
|                 |                                      |   |  |   | Level <sup>1</sup> | Limit       |          |
| C12132          | <b>MT-Propeller Entwicklung GmbH</b> | <b>MTV-6-A-C-F/CF187-129</b>            | <b>OÄM 42-252 (Installation of TAE 125-02-114)</b>   | <b>1,785</b>                            | <b>80.9</b>        | <b>88.0</b> | -        |

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Diamond Aircraft Industries GmbH**      Aircraft Type Designation<sup>1</sup>      **DA 42**

Engine Manufacturer<sup>1</sup>      **Continental Aerospace Technologies GmbH**      Engine Type Designation<sup>1</sup>      **TAE 125-02-99**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10 (10.4a)**

| EASA Record No. | Propeller Manufacturer <sup>1</sup>  | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup> | Maximum Take-Off Mass <sup>1</sup> (kg) | Take-Off dB(A)     |             | See Note |
|-----------------|--------------------------------------|---|--|---|--------------------|-------------|----------|
|                 |                                      |   |  |   | Level <sup>1</sup> | Limit       |          |
| C5003           | <b>MT-Propeller Entwicklung GmbH</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> | -        |
| C5002           | <b>MT-Propeller Entwicklung GmbH</b> | <b>MTV-6-A-C-F/CF187-129</b>            | <b>None</b>  | <b>1,700</b>                            | <b>77.6</b>        | <b>88.0</b> | -        |

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Diamond Aircraft Industries GmbH**      Aircraft Type Designation<sup>1</sup>      **DA 42**

Engine Manufacturer<sup>1</sup>      **Continental Aerospace Technologies GmbH**      Engine Type Designation<sup>1</sup>      **TAE 125-02-99**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 4 / Amendment 8**      Chapter<sup>1</sup>      **10 (10.4a)**

| EASA Record No. | Propeller Manufacturer <sup>1</sup>  | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup> | Maximum Take-Off Mass <sup>1</sup> (kg) | Take-Off dB(A)     |             | See Note |
|-----------------|--------------------------------------|---|--|---|--------------------|-------------|----------|
|                 |                                      |   |  |   | Level <sup>1</sup> | Limit       |          |
| C5599           | <b>MT-Propeller Entwicklung GmbH</b> | <b>MTV-6-A-C-F/CF187-129</b>            | <b>Silencer: Diamond Aircraft D60-7806-20-00<br/>Additional Exhaust End Pipe according<br/>EASA.A.C.09310 (OÄM 42-130)</b> | <b>1,785</b>                            | <b>77.3</b>        | <b>88.0</b> | -        |

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Diamond Aircraft Industries GmbH**      Aircraft Type Designation<sup>1</sup>      **DA 42 M**

Engine Manufacturer<sup>1</sup>      **Continental Aerospace Technologies GmbH**      Engine Type Designation<sup>1</sup>      **TAE 125-02-114**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 6 / Amendment 10**      Chapter<sup>1</sup>      **10 (10.4a)**

| EASA Record No. | Propeller Manufacturer <sup>1</sup>  | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup> | Maximum Take-Off Mass <sup>1</sup> (kg) | Take-Off dB(A)     |             | See Note |
|-----------------|--------------------------------------|---|--|---|--------------------|-------------|----------|
|                 |                                      |   |  |   | Level <sup>1</sup> | Limit       |          |
| C12133          | <b>MT-Propeller Entwicklung GmbH</b> | <b>MTV-6-A-C-F/CF187-129</b>            | <b>OÄM 42-252 (Installation of TAE 125-02-114)</b>   | <b>1,785</b>                            | <b>80.9</b>        | <b>88.0</b> | -        |

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Diamond Aircraft Industries GmbH**      Aircraft Type Designation<sup>1</sup>      **DA 42 M**

Engine Manufacturer<sup>1</sup>      **Continental Aerospace Technologies GmbH**      Engine Type Designation<sup>1</sup>      **TAE 125-02-99**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 4 / Amendment 8**      Chapter<sup>1</sup>      **10 (10.4a)**

| EASA Record No. | Propeller Manufacturer <sup>1</sup>  | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup> | Maximum Take-Off Mass <sup>1</sup> (kg) | Take-Off dB(A)     |             | See Note |
|-----------------|--------------------------------------|---|--|---|--------------------|-------------|----------|
|                 |                                      |   |  |   | Level <sup>1</sup> | Limit       |          |
| C5411           | <b>MT-Propeller Entwicklung GmbH</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> | -        |

<sup>1</sup> See Note 1.





Type Certificate Holder<sup>1</sup>      **Diamond Aircraft Industries GmbH**      Aircraft Type Designation<sup>1</sup>      **DA 42 M-NG**

Engine Manufacturer<sup>1</sup>      **Austro Engine GmbH**      Engine Type Designation<sup>1</sup>      **E4**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 6 / Amendment 10**      Chapter<sup>1</sup>      **10 (10.4a)**

| EASA Record No. | Propeller Manufacturer <sup>1</sup> | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>   | Maximum Take-Off Mass <sup>1</sup> (kg) | Take-Off dB(A)     |             | See Note |
|-----------------|-------------------------------------|---|--|---|--------------------|-------------|----------|
|                 |                                     |   |  |   | Level <sup>1</sup> | Limit       |          |
| C11967          | MT-Propeller Entwicklung GmbH       | MTV-6-R-C-F/CF187-129                   | <b>MÄM 42-678 (Operation with MZFM 1835kg, MLM 1999kg, MTOM 1999kg. Without External Containers), E4-B (according DAI MSB E4-002), Silencer: Diamond Aircraft D64-7806-10-00_( ) or D65-7806-10-00_( ) Standard Exhaust or On Top Exhaust according to OÄM 42-173</b>                | <b>1,999</b>                            | <b>79.5</b>        | <b>88.0</b> | -        |
| C11968          | MT-Propeller Entwicklung GmbH       | MTV-6-R-C-F/CF187-129                   | <b>MÄM 42-678 and OÄM 42-260 (Operation with MZFM 1835kg, MLM 1999kg, MTOM 2001kg. Without External Containers), E4-B (according DAI MSB E4-002), Silencer: Diamond Aircraft D64-7806-10-00_( ) or D65-7806-10-00_( ) Standard Exhaust or On Top Exhaust according to OÄM 42-173</b> | <b>2,001</b>                            | <b>79.5</b>        | <b>88.0</b> | -        |
| C11974          | MT-Propeller Entwicklung GmbH       | MTV-6-R-C-F/CF187-129                   | <b>MÄM 42-678 and OÄM 42-260 and OÄM 42-228 or OÄM 42-240 or OÄM 42-241 (Operation with MZFM 1835kg, MLM 1999kg, MTOM 2001kg.</b>  | <b>2,001</b>                            | <b>80.7</b>        | <b>88.0</b> | -        |

<sup>1</sup> See Note 1.



|        |                               |                       |   |       |      |      |   |
|--------|-------------------------------|-----------------------|---|-------|------|------|---|
|        |                               |                       | With External Containers.), E4-B (according DAI MSB E4-002), Silencer: Diamond Aircraft D64-7806-10-00_( ) or D65-7806-10-00_( ) Standard Exhaust or On Top Exhaust according to OÄM 42-173   |       |      |      |   |
| C11973 | MT-Propeller Entwicklung GmbH | MTV-6-R-C-F/CF187-129 | MÄM 42-678 and OÄM 42-228 or OÄM 42-240 or OÄM 42-241 (Operation with MZFM 1835kg, MLM 1999kg, MTOM 1999kg. With External Containers.), E4-B (according DAI MSB E4-002), Silencer: Diamond Aircraft D64-7806-10-00_( ) or D65-7806-10-00_( ) Standard Exhaust or On Top Exhaust according to OÄM 42-173 | 1,999 | 80.7 | 88.0 | - |
| C9263  | MT-Propeller Entwicklung GmbH | 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 | 2 |



Type Certificate Holder<sup>1</sup>      **Diamond Aircraft Industries GmbH**      Aircraft Type Designation<sup>1</sup>      **DA 42 M-NG**

Engine Manufacturer<sup>1</sup>      **Austro Engine GmbH**      Engine Type Designation<sup>1</sup>      **E4**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 6 / Amendment 10**      Chapter<sup>1</sup>      **10 (10.4a)**

| EASA Record No. | Propeller Manufacturer <sup>1</sup>  | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>             | Maximum Take-Off Mass <sup>1</sup> (kg) | Take-Off dB(A)     |             | See Note |
|-----------------|--------------------------------------|---|--|---|--------------------|-------------|----------|
|                 |                                      |   |  |   | Level <sup>1</sup> | Limit       |          |
| C10141          | <b>MT-Propeller Entwicklung GmbH</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> | -        |

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Diamond Aircraft Industries GmbH**      Aircraft Type Designation<sup>1</sup>      **DA 42 M-NG**

Engine Manufacturer<sup>1</sup>      **Austro Engine GmbH**      Engine Type Designation<sup>1</sup>      **E4**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 6 / Amendment 10**      Chapter<sup>1</sup>      **10 (10.4a)**

| EASA Record No. | Propeller Manufacturer <sup>1</sup>  | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>   | Maximum Take-Off Mass <sup>1</sup> (kg) | Take-Off dB(A)     |             | See Note |
|-----------------|--------------------------------------|---|--|---|--------------------|-------------|----------|
|                 |                                      |   |  |   | Level <sup>1</sup> | Limit       |          |
| C12247          | <b>MT-Propeller Entwicklung GmbH</b> | <b>MTV-6-R-C-F/CF190-69</b>             | <b>MÄM 42-600 (Performance Enhancement), E4-C (in accordance with DAI MSB E4-002), Silencer: Diamond Aircraft D65-7807-10-00 On Top Exhaust according to OÄM 42-173</b>                              | <b>1,999</b>                            | <b>76.5</b>        | <b>88.0</b> | -        |
| C14068          | <b>MT-Propeller Entwicklung GmbH</b> | <b>MTV-6-R-C-F/CF190-69</b>             | <b>MÄM 42-600 (Performance Enhancement (including ÖÄM 42-326)), E4-C (in accordance with DAI MSB E4-002), Silencer: Diamond Aircraft D64-7806-12-00() Standard Exhaust</b>                           | <b>1,999</b>                            | <b>79.1</b>        | <b>88.0</b> | -        |
| C12249          | <b>MT-Propeller Entwicklung GmbH</b> | <b>MTV-6-R-C-F/CF190-69</b>             | <b>MÄM 42-600 and OÄM 42-260 (Performance Enhancement, MTOM 2001 kg), E4-C (in accordance with DAI MSB E4-002), Silencer: Diamond Aircraft D65-7807-10-00 On Top Exhaust according to OÄM 42-173</b> | <b>2,001</b>                            | <b>76.5</b>        | <b>88.0</b> | -        |

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Diamond Aircraft Industries GmbH**      Aircraft Type Designation<sup>1</sup>      **DA 42 M-NG**

Engine Manufacturer<sup>1</sup>      **Austro Engine GmbH**      Engine Type Designation<sup>1</sup>      **E4**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 6 / Amendment 10**      Chapter<sup>1</sup>      **10 (10.4a)**

| EASA Record No. | Propeller Manufacturer <sup>1</sup> | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>   | Maximum Take-Off Mass <sup>1</sup> (kg) | Take-Off dB(A)     |             | See Note |
|-----------------|-------------------------------------|---|--|---|--------------------|-------------|----------|
|                 |                                     |   |  |   | Level <sup>1</sup> | Limit       |          |
| C14444          | MT-Propeller                        | MTV-6-R-C-F/CF187-129                   | <b>MÄM 42-678 (Operation with MZFM 1835kg, MLM 1999kg, MTOM 1999kg applicable for all configurations), E4-B (in accordance with AE MSB E4-002), Silencer: Diamond Aircraft D64-7806-10-00_ ( ) or D65-7806-10-00_ ( ) Standard Exhaust or On Top Exhaust according to OÄM 42-173</b>                 | <b>1,999</b>                            | <b>81.7</b>        | <b>88.0</b> | <b>3</b> |
| C14445          | MT-Propeller                        | MTV-6-R-C-F/CF187-129                   | <b>MÄM 42-678 and OÄM 42-260 (Operation with MZFM 1835kg, MLM 1999kg, MTOM 2001kg. applicable for all configurations), E4-B (in accordance with AE MSB E4-002), Silencer: Diamond Aircraft D64-7806-10-00_ ( ) or D65-7806-10-00_ ( ) Standard Exhaust or On Top Exhaust according to OÄM 42-173</b> | <b>2,001</b>                            | <b>81.7</b>        | <b>88.0</b> | <b>3</b> |
| C14446          | MT-Propeller                        | MTV-6-R-C-F/CF187-129                   | <b>applicable for all configurations, E4-B (in accordance with AE MSB E4-002), Silencer: Diamond Aircraft D64-7806-10-00_ ( ) or D65-7806-10-00_ ( ) Standard Exhaust or On Top Exhaust according to OÄM 42-173</b>  | <b>1,900</b>                            | <b>81.7</b>        | <b>88.0</b> | <b>3</b> |

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Diamond Aircraft Industries GmbH**      Aircraft Type Designation<sup>1</sup>      **DA 42 NG**

Engine Manufacturer<sup>1</sup>      **Austro Engine GmbH**      Engine Type Designation<sup>1</sup>      **E4**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 5 / Amendment 9**      Chapter<sup>1</sup>      **10 (10.4a)**

| EASA Record No. | Propeller Manufacturer <sup>1</sup> | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>   | Maximum Take-Off Mass <sup>1</sup> (kg) | Take-Off dB(A)     |             | See Note |
|-----------------|-------------------------------------|---|--|---|--------------------|-------------|----------|
|                 |                                     |   |  |   | Level <sup>1</sup> | Limit       |          |
| C11965          | MT-Propeller Entwicklung GmbH       | MTV-6-R-C-F/CF187-129                   | <b>MÄM 42-678 (Operation with MZFM 1835kg, MLM 1999kg, MTOM 1999kg), E4-B (in accordance with DAI MSB E4-002), Silencer: Diamond Aircraft D64-7806-10-00_( ) or D65-7806-10-00_( ) Standard Exhaust or On Top Exhaust according to OÄM 42-173</b>                | <b>1,999</b>                            | <b>79.5</b>        | <b>88.0</b> | -        |
| C11966          | MT-Propeller Entwicklung GmbH       | MTV-6-R-C-F/CF187-129                   | <b>MÄM 42-678 and OÄM 42-260 (Operation with MZFM 1835kg, MLM 1999kg, MTOM 2001kg), E4-B (in accordance with DAI MSB E4-002), Silencer: Diamond Aircraft D64-7806-10-00_( ) or D65-7806-10-00_( ) Standard Exhaust or On Top Exhaust according to OÄM 42-173</b> | <b>2,001</b>                            | <b>79.5</b>        | <b>88.0</b> | -        |
| C8967           | MT-Propeller Entwicklung GmbH       | MTV-6-R-C-F/CF187-129                   | <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> | -        |

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Diamond Aircraft Industries GmbH**      Aircraft Type Designation<sup>1</sup>      **DA 42 NG**

Engine Manufacturer<sup>1</sup>      **Austro Engine GmbH**      Engine Type Designation<sup>1</sup>      **E4**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 5 / Amendment 9**      Chapter<sup>1</sup>      **10 (10.4a)**

| EASA Record No. | Propeller Manufacturer <sup>1</sup>  | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>            | Maximum Take-Off Mass <sup>1</sup> (kg) | Take-Off dB(A)     |             | See Note |
|-----------------|--------------------------------------|---|---|---|--------------------|-------------|----------|
|                 |                                      |   |   |   | Level <sup>1</sup> | Limit       |          |
| C10711          | <b>MT-Propeller Entwicklung GmbH</b> | <b>MTV-6-R-C-F/CF190-69</b>             | <b>MÄM 42-600 (Performance enhancement), E4-C (in accordance with DAI MSB E4-002), Silencer: Diamond Aircraft D64-7806-12-00_( )</b>  | <b>1,900</b>                            | <b>73.8</b>        | <b>88.0</b> | -        |
| C10140          | <b>MT-Propeller Entwicklung GmbH</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> | -        |

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Diamond Aircraft Industries GmbH**      Aircraft Type Designation<sup>1</sup>      **DA 42 NG**

Engine Manufacturer<sup>1</sup>      **Austro Engine GmbH**      Engine Type Designation<sup>1</sup>      **E4**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 5 / Amendment 9**      Chapter<sup>1</sup>      **10 (10.4a)**

| EASA Record No. | Propeller Manufacturer <sup>1</sup>  | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>  | Maximum Take-Off Mass <sup>1</sup> (kg) | Take-Off dB(A)     |             | See Note |
|-----------------|--------------------------------------|---|---|---|--------------------|-------------|----------|
|                 |                                      |   |   |   | Level <sup>1</sup> | Limit       |          |
| C11971          | <b>MT-Propeller Entwicklung GmbH</b> | <b>MTV-6-R-C-F/CF190-69</b>             | <b>MÄM 42-678 and MÄM 42-600 (Operation with MZFM 1835kg, MLM 1999kg, MTOM 1999kg. Performance enhancement), E4-C (according DAI MSB E4-002), Silencer: Diamond Aircraft D64-7806-12-00 " _ " Standard Exhaust</b>                | <b>1,999</b>                            | <b>75.0</b>        | <b>88.0</b> | -        |
| C11972          | <b>MT-Propeller Entwicklung GmbH</b> | <b>MTV-6-R-C-F/CF190-69</b>             | <b>MÄM 42-678 and OÄM 42-260 and MÄM 42-600 (Operation with MZFM 1835kg, MLM 1999kg, MTOM 2001kg. Performance enhancement), E4-C (according DAI MSB E4-002), Silencer: Diamond Aircraft D64-7806-12-00 " _ " Standard Exhaust</b> | <b>2,001</b>                            | <b>75.0</b>        | <b>88.0</b> | -        |

<sup>1</sup> See Note 1.





Type Certificate Holder<sup>1</sup>      **Diamond Aircraft Industries GmbH**      Aircraft Type Designation<sup>1</sup>      **DA 62**

Engine Manufacturer<sup>1</sup>      **Austro Engine GmbH**      Engine Type Designation<sup>1</sup>      **E4P**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 6 / Amendment 10**      Chapter<sup>1</sup>      **10 (10.4a)**

| EASA Record No. | Propeller Manufacturer <sup>1</sup> | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>   | Maximum Take-Off Mass <sup>1</sup> (kg) | Take-Off dB(A)     |       | See Note |
|-----------------|-------------------------------------|---|--|---|--------------------|-------|----------|
|                 |                                     |   |  |   | Level <sup>1</sup> | Limit |          |
| C12539          | MT-Propeller Entwicklung GmbH       | MTV-6-R-C-F/CF194-80                    | MÄM 62-001 (MTOM 2.300 kg), E4P-C (in accordance with AE MSB E4-002), Silencer: Diamond Aircraft D67-7806-01-00() or D65-7806-10-00() Standard Exhaust or On-Top-Exhaust                         | 2,300                                   | 77.5               | 88.0  | -        |
| C13041          | MT-Propeller Entwicklung GmbH       | MTV-6-R-C-F/CF194-80                    | MÄM 62-001 and OÄM 62-0018 (MTOM Reduction to 1.999 kg), E4P-C (in accordance with AE MSB E4-002), Silencer: Diamond Aircraft D67-7806-01-00()   | 1,999                                   | 73.9               | 88.0  | -        |
| C12540          | MT-Propeller Entwicklung GmbH       | MTV-6-R-C-F/CF194-80                    | MÄM 62-001 and OÄM 62-005 (MTOM 2.300 kg and RACC), E4P-C (in accordance with AE MSB E4-002), Silencer: Diamond Aircraft D67-7806-01-00() or D65-7806-10-00() Standard Exhaust or On-Top-Exhaust | 2,300                                   | 78.6               | 88.0  | -        |
| C12252          | MT-Propeller Entwicklung GmbH       | MTV-6-R-C-F/CF194-80                    | E4P-C (in accordance with AE MSB E4-002), Silencer: Diamond Aircraft D67-7806-01-00()  | 1,999                                   | 73.9               | 88.0  | -        |

<sup>1</sup> 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.005 Notes**

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. This aircraft can be registered in both normal and restricted categories: Restricted category aircraft are covered under EASA TCDS.A.513 (see record C9736).
3. applicable when OÄM 40-368 or MÄM 42-1188 are embodied or when AFM Supplement M00 rev 4 (or higher) and PPC Concept are used.



### 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<br>Page 3: Add record C7<br>Page 3: Add record C10        |
| Issue 4  | 01 February 2007  | Page 3: Delete record C8<br>Page 4: Add record C5002<br>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<br>Page 7: Add record C9263                                      |
| Issue 11 | 23 September 2010 | Record C10140 and C10141 added; Record C8,C10, C5002, C5003, C5411 and C5599 revised. |
| Issue 12 | 03 May 2012       | Record C10711 added   |
| Issue 13 | 25 April 2014     | Records C11965-C11968 and C11971-C11974 added   |
| Issue 14 | 03 December 2014  | TAE 125-02-114 engine added.  |
| Issue 15 | 16 April 2015     | MÄM 42-600 Performance Enhancement on DA 42 M-NG added;<br>Model DA 62 added          |
| Issue 16 | 04 November 2015  | DA 62 increase of MTOW  |
| Issue 17 | 30 March 2017     | Record C13041 added   |
| Issue 18 | 14 June 2019      | Record C14068 added   |
| Issue 19 | 25 March 2021     | Records C14444, C14445 and C14446 added   |

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