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## TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.A.353**

**for**

**Z 26 Series**

**Type Certificate Holder:**

**ZLIN AIRCRAFT a.s.**

Letiště 1578

765 81 Otrokovice

CZECH REPUBLIC

For models:

|          |         |           |         |
|----------|---------|-----------|---------|
| Z 126    | Z 326   | Z 526     | Z 726   |
| Z 226 A  | Z 326 A | Z 526 A   | Z 726 K |
| Z 226 B  |         | Z 526 AFS |         |
| Z 226 MS |         | Z 526 F   |         |
| Z 226 T  |         | Z 526 L   |         |
|          |         | Z 526 M   |         |



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|                                      |                                |                                        |                                        |
|--------------------------------------|--------------------------------|----------------------------------------|----------------------------------------|
| Type Certificate Holder <sup>1</sup> | <b>ZLIN AIRCRAFT a.s.</b>      | Aircraft Type Designation <sup>1</sup> | <b>Z 126</b>                           |
| Engine TC Holder                     | <b>PARMA-Technik, s.r.o.</b>   | Engine Type Designation <sup>1</sup>   | <b>Minor 4-III</b>                     |
| Noise Certification Basis            | <b>ICAO Annex 16, Volume I</b> | Edition / Amendment                    | Chapter <sup>1</sup> <b>10 (10.4a)</b> |

| EASA<br>Record No. | Propeller TC Holder        | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet<br>the requirements or needed to attain the<br>certificated noise levels <sup>1</sup> | Maximum<br>Take-Off<br>Mass <sup>1</sup> (kg) | Take-Off L <sub>ASmax</sub>   |                  | See<br>Note |
|--------------------|----------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------|------------------|-------------|
|                    |                            |                                         |                                                                                                                                  |                                               | Level <sup>1</sup><br>(dB(A)) | Limit<br>(dB(A)) |             |
| C4881              | <b>Avia Propeller Ltd.</b> | <b>V 126</b>                            | <b>None</b>                                                                                                                      | <b>765</b>                                    | <b>79.3</b>                   | <b>79.4</b>      | <b>2</b>    |

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



|                                      |                                |                                        |                        |
|--------------------------------------|--------------------------------|----------------------------------------|------------------------|
| Type Certificate Holder <sup>1</sup> | <b>ZLIN AIRCRAFT a.s.</b>      | Aircraft Type Designation <sup>1</sup> | <b>Z 126</b>           |
| Engine TC Holder                     | <b>PARMA-Technik, s.r.o.</b>   | Engine Type Designation <sup>1</sup>   | <b>Minor 4-III</b>     |
| Noise Certification Basis            | <b>ICAO Annex 16, Volume I</b> | Edition / Amendment                    | Chapter <sup>1</sup> - |

| EASA<br>Record No. | Propeller TC Holder | Propeller Type Designation <sup>1</sup> | Additional modifications essential to<br>meet the requirements or needed to<br>attain the certificated noise levels <sup>1</sup> | Maximum<br>Take-Off<br>Mass <sup>1</sup> (kg) | Overflight OASPL              |                  | See<br>Note |
|--------------------|---------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------|------------------|-------------|
|                    |                     |                                         |                                                                                                                                  |                                               | Level <sup>1</sup><br>(dB(A)) | Limit<br>(dB(A)) |             |
| C9939              |                     | <b>L 26.1.8100.5</b>                    | <b>None</b>                                                                                                                      | <b>765</b>                                    |                               |                  | <b>2</b>    |

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



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 226 A**

Engine TC Holder      **PARMA-Technik, s.r.o.**      Engine Type Designation<sup>1</sup>      **Minor 6-III**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      -

| EASA<br>Record No. | Propeller TC Holder | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet<br>the requirements or needed to attain the<br>certificated noise levels <sup>1</sup> | Maximum<br>Take-Off<br>Mass <sup>1</sup> (kg) | Take-Off L <sub>ASmax</sub>   |                  | See<br>Note |
|--------------------|---------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------|------------------|-------------|
|                    |                     |                                         |                                                                                                                                  |                                               | Level <sup>1</sup><br>(dB(A)) | Limit<br>(dB(A)) |             |
| C9948              | <b>Moravan</b>      | <b>Z-226.641.2</b>                      | <b>None</b>                                                                                                                      | <b>745</b>                                    |                               |                  | <b>2</b>    |
| C9946              | <b>Moravan</b>      | <b>Z-226.641.2</b>                      | <b>None</b>                                                                                                                      | <b>715</b>                                    |                               |                  | <b>3</b>    |
| C9949              | <b>Moravan</b>      | <b>Z-326.641.1</b>                      | <b>None</b>                                                                                                                      | <b>745</b>                                    |                               |                  | <b>2</b>    |
| C9947              | <b>Moravan</b>      | <b>Z-326.641.1</b>                      | <b>None</b>                                                                                                                      | <b>715</b>                                    |                               |                  | <b>3</b>    |

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



|                                      |                                |                                        |                        |
|--------------------------------------|--------------------------------|----------------------------------------|------------------------|
| Type Certificate Holder <sup>1</sup> | <b>ZLIN AIRCRAFT a.s.</b>      | Aircraft Type Designation <sup>1</sup> | <b>Z 226 B</b>         |
| Engine TC Holder                     | <b>PARMA-Technik, s.r.o.</b>   | Engine Type Designation <sup>1</sup>   | <b>Minor 6-III</b>     |
| Noise Certification Basis            | <b>ICAO Annex 16, Volume I</b> | Edition / Amendment                    | Chapter <sup>1</sup> - |

| EASA<br>Record No. | Propeller TC Holder        | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet<br>the requirements or needed to attain the<br>certificated noise levels <sup>1</sup> | Maximum<br>Take-Off<br>Mass <sup>1</sup> (kg) | Take-Off L <sub>ASmax</sub>   |                  | See<br>Note |
|--------------------|----------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------|------------------|-------------|
|                    |                            |                                         |                                                                                                                                  |                                               | Level <sup>1</sup><br>(dB(A)) | Limit<br>(dB(A)) |             |
| C9940              | <b>Avia Propeller Ltd.</b> | <b>V 226</b>                            | <b>None</b>                                                                                                                      | <b>770</b>                                    |                               |                  | <b>2</b>    |
| C9941              | <b>Moravan</b>             | <b>Z-226.640</b>                        | <b>None</b>                                                                                                                      | <b>770</b>                                    |                               |                  | <b>2</b>    |

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



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 226 MS**

Engine TC Holder      **LOM praha, s.p.**      Engine Type Designation<sup>1</sup>      **M 137 A**

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

| EASA<br>Record No. | Propeller TC Holder        | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet<br>the requirements or needed to attain the<br>certificated noise levels <sup>1</sup> | Maximum<br>Take-Off<br>Mass <sup>1</sup> (kg) | Take-Off L <sub>ASmax</sub>   |                  | See<br>Note |
|--------------------|----------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------|------------------|-------------|
|                    |                            |                                         |                                                                                                                                  |                                               | Level <sup>1</sup><br>(dB(A)) | Limit<br>(dB(A)) |             |
| C12611             | <b>Avia Propeller Ltd.</b> | <b>V 503</b>                            | <b>None</b>                                                                                                                      | <b>890</b>                                    | <b>81.6</b>                   | <b>81.6</b>      | -           |
| C12612             | <b>Avia Propeller Ltd.</b> | <b>V 503 A</b>                          | <b>None</b>                                                                                                                      | <b>890</b>                                    | <b>81.6</b>                   | <b>81.6</b>      | -           |

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



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 226 T**

Engine TC Holder      **PARMA-Technik, s.r.o.**      Engine Type Designation<sup>1</sup>      **Minor 6-III**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      -

| EASA<br>Record No. | Propeller TC Holder | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet<br>the requirements or needed to attain the<br>certificated noise levels <sup>1</sup> | Maximum<br>Take-Off<br>Mass <sup>1</sup> (kg) | Take-Off L <sub>ASmax</sub>   |                  | See<br>Note |
|--------------------|---------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------|------------------|-------------|
|                    |                     |                                         |                                                                                                                                  |                                               | Level <sup>1</sup><br>(dB(A)) | Limit<br>(dB(A)) |             |
| C9942              |                     | <b>T-226</b>                            | <b>None</b>                                                                                                                      | <b>820</b>                                    |                               |                  | <b>2</b>    |
| C9944              |                     | <b>T-226</b>                            | <b>None</b>                                                                                                                      | <b>730</b>                                    |                               |                  | <b>3</b>    |
| C9943              | <b>Moravan</b>      | <b>Z-226.641</b>                        | <b>None</b>                                                                                                                      | <b>820</b>                                    |                               |                  | <b>2</b>    |
| C9945              | <b>Moravan</b>      | <b>Z-226.641</b>                        | <b>None</b>                                                                                                                      | <b>730</b>                                    |                               |                  | <b>3</b>    |

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



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 326**

Engine TC Holder      **PARMA-Technik, s.r.o.**      Engine Type Designation<sup>1</sup>      **Minor 6-III**

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

| EASA<br>Record No. | Propeller TC Holder | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet<br>the requirements or needed to attain the<br>certificated noise levels <sup>1</sup> | Maximum<br>Take-Off<br>Mass <sup>1</sup> (kg) | Take-Off L <sub>ASmax</sub>   |                  | See<br>Note |
|--------------------|---------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------|------------------|-------------|
|                    |                     |                                         |                                                                                                                                  |                                               | Level <sup>1</sup><br>(dB(A)) | Limit<br>(dB(A)) |             |
| C5509              | <b>Moravan</b>      | <b>Z-326.641</b>                        | <b>None</b>                                                                                                                      | <b>975</b>                                    | <b>71.8</b>                   | <b>82.9</b>      | <b>2</b>    |

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



Type Certificate Holder<sup>1</sup> **ZLIN AIRCRAFT a.s.** Aircraft Type Designation<sup>1</sup> **Z 326**

Engine TC Holder **PARMA-Technik, s.r.o.** Engine Type Designation<sup>1</sup> **Minor 6-III**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter<sup>1</sup> **-**

| EASA<br>Record No. | Propeller TC Holder | Propeller Type Designation <sup>1</sup> | Additional modifications essential to<br>meet the requirements or needed to<br>attain the certificated noise levels <sup>1</sup> | Maximum<br>Take-Off<br>Mass <sup>1</sup> (kg) | Take-Off L <sub>ASmax</sub>   |                  | See<br>Note |
|--------------------|---------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------|------------------|-------------|
|                    |                     |                                         |                                                                                                                                  |                                               | Level <sup>1</sup><br>(dB(A)) | Limit<br>(dB(A)) |             |
| C9957              | <b>Moravan</b>      | <b>Z-226.640</b>                        | <b>None</b>                                                                                                                      | <b>975</b>                                    |                               |                  | <b>2</b>    |
| C9953              | <b>Moravan</b>      | <b>Z-226.640</b>                        | <b>None</b>                                                                                                                      | <b>935</b>                                    |                               |                  | <b>2</b>    |
| C9950              | <b>Moravan</b>      | <b>Z-326.640</b>                        | <b>None</b>                                                                                                                      | <b>910</b>                                    |                               |                  | <b>3</b>    |
| C9954              | <b>Moravan</b>      | <b>Z-326.641</b>                        | <b>None</b>                                                                                                                      | <b>935</b>                                    |                               |                  | <b>2</b>    |
| C10133             | <b>Moravan</b>      | <b>Z-326.641</b>                        | <b>None</b>                                                                                                                      | <b>910</b>                                    |                               |                  | <b>3</b>    |
| C9959              | <b>Moravan</b>      | <b>Z-326.641.1</b>                      | <b>None</b>                                                                                                                      | <b>975</b>                                    |                               |                  | <b>2</b>    |
| C9955              | <b>Moravan</b>      | <b>Z-326.641.1</b>                      | <b>None</b>                                                                                                                      | <b>935</b>                                    |                               |                  | <b>2</b>    |
| C9951              | <b>Moravan</b>      | <b>Z-326.641.1</b>                      | <b>None</b>                                                                                                                      | <b>910</b>                                    |                               |                  | <b>3</b>    |
| C9960              | <b>Moravan</b>      | <b>Z-42.6413</b>                        | <b>None</b>                                                                                                                      | <b>975</b>                                    |                               |                  | <b>2</b>    |
| C9956              | <b>Moravan</b>      | <b>Z-42.6413</b>                        | <b>None</b>                                                                                                                      | <b>935</b>                                    |                               |                  | <b>2</b>    |

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



|                                      |                                |                                        |                        |
|--------------------------------------|--------------------------------|----------------------------------------|------------------------|
| Type Certificate Holder <sup>1</sup> | <b>ZLIN AIRCRAFT a.s.</b>      | Aircraft Type Designation <sup>1</sup> | <b>Z 326</b>           |
| Engine TC Holder                     | <b>PARMA-Technik, s.r.o.</b>   | Engine Type Designation <sup>1</sup>   | <b>Minor 6-III</b>     |
| Noise Certification Basis            | <b>ICAO Annex 16, Volume I</b> | Edition / Amendment                    | Chapter <sup>1</sup> - |

| EASA<br>Record No. | Propeller TC Holder | Propeller Type Designation <sup>1</sup> | Additional modifications essential to<br>meet the requirements or needed to<br>attain the certificated noise levels <sup>1</sup> | Maximum<br>Take-Off<br>Mass <sup>1</sup> (kg) | Take-Off L <sub>ASmax</sub>   |                  | See<br>Note |
|--------------------|---------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------|------------------|-------------|
|                    |                     |                                         |                                                                                                                                  |                                               | Level <sup>1</sup><br>(dB(A)) | Limit<br>(dB(A)) |             |
| C9952              | <b>Moravan</b>      | <b>Z-42.6413</b>                        | <b>None</b>                                                                                                                      | <b>910</b>                                    |                               |                  | <b>3</b>    |

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



|                                      |                                |                                        |                        |
|--------------------------------------|--------------------------------|----------------------------------------|------------------------|
| Type Certificate Holder <sup>1</sup> | <b>ZLIN AIRCRAFT a.s.</b>      | Aircraft Type Designation <sup>1</sup> | <b>Z 326 A</b>         |
| Engine TC Holder                     | <b>PARMA-Technik, s.r.o.</b>   | Engine Type Designation <sup>1</sup>   | <b>Minor 6-III</b>     |
| Noise Certification Basis            | <b>ICAO Annex 16, Volume I</b> | Edition / Amendment                    | Chapter <sup>1</sup> - |

| EASA<br>Record No. | Propeller TC Holder | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet<br>the requirements or needed to attain the<br>certificated noise levels <sup>1</sup> | Maximum<br>Take-Off<br>Mass <sup>1</sup> (kg) | Take-Off L <sub>ASmax</sub>   |                  | See<br>Note |
|--------------------|---------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------|------------------|-------------|
|                    |                     |                                         |                                                                                                                                  |                                               | Level <sup>1</sup><br>(dB(A)) | Limit<br>(dB(A)) |             |
| C5529              | <b>Moravan</b>      | <b>Z-326.641</b>                        | <b>None</b>                                                                                                                      | <b>850</b>                                    |                               |                  | <b>2</b>    |
| C9961              | <b>Moravan</b>      | <b>Z-326.641</b>                        | <b>None</b>                                                                                                                      | <b>790</b>                                    |                               |                  | <b>3</b>    |

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



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 526**

Engine TC Holder      **PARMA-Technik, s.r.o.**      Engine Type Designation<sup>1</sup>      **Minor 6-III**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      -

| EASA<br>Record No. | Propeller TC Holder        | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet<br>the requirements or needed to attain the<br>certificated noise levels <sup>1</sup> | Maximum<br>Take-Off<br>Mass <sup>1</sup> (kg) | Take-Off L <sub>ASmax</sub>   |                  | See<br>Note |
|--------------------|----------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------|------------------|-------------|
|                    |                            |                                         |                                                                                                                                  |                                               | Level <sup>1</sup><br>(dB(A)) | Limit<br>(dB(A)) |             |
| C9019              | <b>Avia Propeller Ltd.</b> | <b>V 503</b>                            | <b>None</b>                                                                                                                      | <b>975</b>                                    |                               |                  | <b>2</b>    |
| C9962              | <b>Avia Propeller Ltd.</b> | <b>V 503</b>                            | <b>None</b>                                                                                                                      | <b>940</b>                                    |                               |                  | <b>3</b>    |
| C12714             | <b>Avia Propeller Ltd.</b> | <b>V 503 A</b>                          | <b>None</b>                                                                                                                      | <b>975</b>                                    |                               |                  | <b>2</b>    |

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



|                                      |                                |                                        |                        |
|--------------------------------------|--------------------------------|----------------------------------------|------------------------|
| Type Certificate Holder <sup>1</sup> | <b>ZLIN AIRCRAFT a.s.</b>      | Aircraft Type Designation <sup>1</sup> | <b>Z 526 A</b>         |
| Engine TC Holder                     | <b>PARMA-Technik, s.r.o.</b>   | Engine Type Designation <sup>1</sup>   | <b>Minor 6-III</b>     |
| Noise Certification Basis            | <b>ICAO Annex 16, Volume I</b> | Edition / Amendment                    | Chapter <sup>1</sup> - |

| EASA<br>Record No. | Propeller TC Holder        | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet<br>the requirements or needed to attain the<br>certificated noise levels <sup>1</sup> | Maximum<br>Take-Off<br>Mass <sup>1</sup> (kg) | Take-Off L <sub>ASmax</sub>   |                  | See<br>Note |
|--------------------|----------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------|------------------|-------------|
|                    |                            |                                         |                                                                                                                                  |                                               | Level <sup>1</sup><br>(dB(A)) | Limit<br>(dB(A)) |             |
| C9020              | <b>Avia Propeller Ltd.</b> | <b>V 503</b>                            | <b>None</b>                                                                                                                      | <b>910</b>                                    |                               |                  | <b>2</b>    |
| C9963              | <b>Avia Propeller Ltd.</b> | <b>V 503</b>                            | <b>None</b>                                                                                                                      | <b>850</b>                                    |                               |                  | <b>3</b>    |

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



|                                      |                                |                                        |                                        |
|--------------------------------------|--------------------------------|----------------------------------------|----------------------------------------|
| Type Certificate Holder <sup>1</sup> | <b>ZLIN AIRCRAFT a.s.</b>      | Aircraft Type Designation <sup>1</sup> | <b>Z 526 AFS</b>                       |
| Engine TC Holder                     | <b>LOM praha, s.p.</b>         | Engine Type Designation <sup>1</sup>   | <b>M 137 A</b>                         |
| Noise Certification Basis            | <b>ICAO Annex 16, Volume I</b> | Edition / Amendment                    | Chapter <sup>1</sup> <b>10 (10.4a)</b> |

| EASA<br>Record No. | Propeller TC Holder        | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet<br>the requirements or needed to attain the<br>certificated noise levels <sup>1</sup> | Maximum<br>Take-Off<br>Mass <sup>1</sup> (kg) | Take-Off L <sub>ASmax</sub>   |                  | See<br>Note |
|--------------------|----------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------|------------------|-------------|
|                    |                            |                                         |                                                                                                                                  |                                               | Level <sup>1</sup><br>(dB(A)) | Limit<br>(dB(A)) |             |
| C14                | <b>Avia Propeller Ltd.</b> | <b>V 503 A</b>                          | <b>None</b>                                                                                                                      | <b>840</b>                                    | <b>77.6</b>                   | <b>80.8</b>      | <b>2</b>    |

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



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**

Aircraft Type Designation<sup>1</sup>      **Z 526 AFS**

Engine TC Holder      **LOM praha, s.p.**

Engine Type Designation<sup>1</sup>      **M 137 A**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment

Chapter<sup>1</sup>      -

| EASA<br>Record No. | Propeller TC Holder        | Propeller Type Designation <sup>1</sup> | Additional modifications essential to<br>meet the requirements or needed to<br>attain the certificated noise levels <sup>1</sup> | Maximum<br>Take-Off<br>Mass <sup>1</sup> (kg) | Overflight OASPL              |                  | See<br>Note |
|--------------------|----------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------|------------------|-------------|
|                    |                            |                                         |                                                                                                                                  |                                               | Level <sup>1</sup><br>(dB(A)) | Limit<br>(dB(A)) |             |
| C12                | <b>Avia Propeller Ltd.</b> | <b>V 503 A</b>                          | <b>None</b>                                                                                                                      | <b>740</b>                                    |                               |                  | <b>3</b>    |

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



|                                      |                                |                                        |                                        |
|--------------------------------------|--------------------------------|----------------------------------------|----------------------------------------|
| Type Certificate Holder <sup>1</sup> | <b>ZLIN AIRCRAFT a.s.</b>      | Aircraft Type Designation <sup>1</sup> | <b>Z 526 F</b>                         |
| Engine TC Holder                     | <b>LOM praha, s.p.</b>         | Engine Type Designation <sup>1</sup>   | <b>M 137 A</b>                         |
| Noise Certification Basis            | <b>ICAO Annex 16, Volume I</b> | Edition / Amendment                    | Chapter <sup>1</sup> <b>10 (10.4a)</b> |

| EASA<br>Record No. | Propeller TC Holder        | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet<br>the requirements or needed to attain the<br>certificated noise levels <sup>1</sup> | Maximum<br>Take-Off<br>Mass <sup>1</sup> (kg) | Take-Off L <sub>ASmax</sub>   |                  | See<br>Note |
|--------------------|----------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------|------------------|-------------|
|                    |                            |                                         |                                                                                                                                  |                                               | Level <sup>1</sup><br>(dB(A)) | Limit<br>(dB(A)) |             |
| C5515              | <b>Avia Propeller Ltd.</b> | <b>V 503 A</b>                          | <b>Muffler: Gomolzig Typ 2 Zlin 526</b>                                                                                          | <b>975</b>                                    | <b>78.2</b>                   | <b>82.9</b>      | -           |
| C7                 | <b>Avia Propeller Ltd.</b> | <b>V 503 A</b>                          | <b>None</b>                                                                                                                      | <b>975</b>                                    | <b>76.9</b>                   | <b>82.9</b>      | <b>2</b>    |

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



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**

Aircraft Type Designation<sup>1</sup>      **Z 526 F**

Engine TC Holder      **LOM praha, s.p.**

Engine Type Designation<sup>1</sup>      **M 137 A**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment

Chapter<sup>1</sup>      -

| EASA<br>Record No. | Propeller TC Holder        | Propeller Type Designation <sup>1</sup> | Additional modifications essential to<br>meet the requirements or needed to<br>attain the certificated noise levels <sup>1</sup> | Maximum<br>Take-Off<br>Mass <sup>1</sup> (kg) | Overflight OASPL              |                  | See<br>Note |
|--------------------|----------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------|------------------|-------------|
|                    |                            |                                         |                                                                                                                                  |                                               | Level <sup>1</sup><br>(dB(A)) | Limit<br>(dB(A)) |             |
| C6                 | <b>Avia Propeller Ltd.</b> | <b>V 503 A</b>                          | <b>None</b>                                                                                                                      | <b>940</b>                                    |                               |                  | <b>3</b>    |

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



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**      Aircraft Type Designation<sup>1</sup>      **Z 526 L**

Engine TC Holder      **Lycoming Engines**      Engine Type Designation<sup>1</sup>      **AIO-360-B1B**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      -

| EASA<br>Record No. | Propeller TC Holder            | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet<br>the requirements or needed to attain the<br>certificated noise levels <sup>1</sup> | Maximum<br>Take-Off<br>Mass <sup>1</sup> (kg) | Take-Off L <sub>ASmax</sub>   |                  | See<br>Note |
|--------------------|--------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------|------------------|-------------|
|                    |                                |                                         |                                                                                                                                  |                                               | Level <sup>1</sup><br>(dB(A)) | Limit<br>(dB(A)) |             |
| C9964              | <b>Hartzell Propeller Inc.</b> | <b>HC-C2YK-4</b>                        | <b>None</b>                                                                                                                      | <b>975</b>                                    |                               |                  | <b>2</b>    |
| C9965              | <b>Hartzell Propeller Inc.</b> | <b>HC-C2YK-4</b>                        | <b>None</b>                                                                                                                      | <b>940</b>                                    |                               |                  | <b>3</b>    |

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



|                                      |                                |                                        |                                        |
|--------------------------------------|--------------------------------|----------------------------------------|----------------------------------------|
| Type Certificate Holder <sup>1</sup> | <b>ZLIN AIRCRAFT a.s.</b>      | Aircraft Type Designation <sup>1</sup> | <b>Z 526 M</b>                         |
| Engine TC Holder                     | <b>LOM praha, s.p.</b>         | Engine Type Designation <sup>1</sup>   | <b>M 137 A</b>                         |
| Noise Certification Basis            | <b>ICAO Annex 16, Volume I</b> | Edition / Amendment                    | Chapter <sup>1</sup> <b>10 (10.4a)</b> |

| EASA<br>Record No. | Propeller TC Holder        | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet<br>the requirements or needed to attain the<br>certificated noise levels <sup>1</sup> | Maximum<br>Take-Off<br>Mass <sup>1</sup> (kg) | Take-Off L <sub>ASmax</sub>   |                  | See<br>Note |
|--------------------|----------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------|------------------|-------------|
|                    |                            |                                         |                                                                                                                                  |                                               | Level <sup>1</sup><br>(dB(A)) | Limit<br>(dB(A)) |             |
| C15887             | <b>Avia Propeller Ltd.</b> | <b>V 503 A</b>                          | <b>None</b>                                                                                                                      | <b>975</b>                                    | <b>76.9</b>                   | <b>82.9</b>      | <b>2</b>    |

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



Type Certificate Holder<sup>1</sup>      **ZLIN AIRCRAFT a.s.**

Aircraft Type Designation<sup>1</sup>      **Z 726**

Engine TC Holder      **LOM praha, s.p.**

Engine Type Designation<sup>1</sup>      **M 137 AZ**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      -

| EASA<br>Record No. | Propeller TC Holder        | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet<br>the requirements or needed to attain the<br>certificated noise levels <sup>1</sup> | Maximum<br>Take-Off<br>Mass <sup>1</sup> (kg) | Take-Off L <sub>ASmax</sub>   |                  | See<br>Note |
|--------------------|----------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------|------------------|-------------|
|                    |                            |                                         |                                                                                                                                  |                                               | Level <sup>1</sup><br>(dB(A)) | Limit<br>(dB(A)) |             |
| C9966              | <b>Avia Propeller Ltd.</b> | <b>V 503 A</b>                          | <b>None</b>                                                                                                                      | <b>1,000</b>                                  |                               |                  | <b>2</b>    |
| C9967              | <b>Avia Propeller Ltd.</b> | <b>V 503 A</b>                          | <b>None</b>                                                                                                                      | <b>940</b>                                    |                               |                  | <b>2</b>    |

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



|                                      |                                |                                        |                        |
|--------------------------------------|--------------------------------|----------------------------------------|------------------------|
| Type Certificate Holder <sup>1</sup> | <b>ZLIN AIRCRAFT a.s.</b>      | Aircraft Type Designation <sup>1</sup> | <b>Z 726 K</b>         |
| Engine TC Holder                     | <b>LOM praha, s.p.</b>         | Engine Type Designation <sup>1</sup>   | <b>M 337 AK</b>        |
| Noise Certification Basis            | <b>ICAO Annex 16, Volume I</b> | Edition / Amendment                    | Chapter <sup>1</sup> - |

| EASA<br>Record No. | Propeller TC Holder        | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet<br>the requirements or needed to attain the<br>certificated noise levels <sup>1</sup> | Maximum<br>Take-Off<br>Mass <sup>1</sup> (kg) | Take-Off L <sub>ASmax</sub>   |                  | See<br>Note |
|--------------------|----------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------|------------------|-------------|
|                    |                            |                                         |                                                                                                                                  |                                               | Level <sup>1</sup><br>(dB(A)) | Limit<br>(dB(A)) |             |
| C9968              | <b>Avia Propeller Ltd.</b> | <b>V 500 A</b>                          | <b>None</b>                                                                                                                      | <b>1,000</b>                                  |                               |                  | <b>2</b>    |
| C9969              | <b>Avia Propeller Ltd.</b> | <b>V 500 A</b>                          | <b>None</b>                                                                                                                      | <b>940</b>                                    |                               |                  | <b>2</b>    |

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<sup>1</sup> 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 |
| <b>Amendment 14</b>    | 01/01/2024         | Regulation (EU) 2025/870*            | 25/05/2025         |
| <b>Amendment 13</b>    | 01/01/2021         | Regulation (EU) 2021/1087*           | 25/07/2021         |
| <b>Amendment 12</b>    | 01/01/2018         | Regulation (EU) 2018/1139 (Art.9)    | 11/09/2018         |
| <b>Amendment 11-B</b>  | 01/01/2015         | Regulation (EU) 2016/4*              | 26/01/2016         |
| <b>Amendment 10</b>    | 17/11/2011         | Regulation (EU) No 6/2013*           | 29/01/2013         |
| <b>Amendment 9</b>     | 20/11/2008         | Regulation (EC) No 690/2009*         | 20/08/2009         |
| <b>Amendment 8</b>     | 24/11/2005         | Regulation (EC) No 216/2008 (Art.6)  | 29/03/2007         |
|                        |                    | Regulation (EC) No 334/2007*         | 29/03/2007         |
| <b>Amendment 7</b>     | 21/03/2002         | Regulation (EC) No 1701/2003*        | 28/09/2003         |
| <b>Amendment 6</b>     | 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.353 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 type conforms with the provisions of Art 9 (2) of Regulation 2018/1139 without the need to comply with the Standards of ICAO Annex 16, Volume I, by virtue of the date of type certification. However individual examples of this type which were first issued with a certificate of airworthiness on or after 1 January 1980 are required to demonstrate compliance with the Standards of ICAO Annex 16, Volume I, Chapter 6.
3. This aircraft type conforms with the provisions of Art 9 (2) of Regulation 2018/1139 without the need to comply with the Standards of ICAO Annex 16, Volume I, by virtue of being specifically designed for aerobatic purposes.



### **Change Record**

| <b>Issue</b> | <b>Date</b>       | <b>Changes</b>                                                                                                           |
|--------------|-------------------|--------------------------------------------------------------------------------------------------------------------------|
| Issue 1      | 16 May 2007       | Initial Issue                                                                                                            |
| Issue 2      | 23 November 2007  | Revised                                                                                                                  |
| Issue 3      | 22 April 2009     | Revised                                                                                                                  |
| Issue 4      | 24 August 2009    | Revised                                                                                                                  |
| Issue 5      | 20 May 2011       | Records C9939-C9957 and C9959-C9969 added.                                                                               |
| Issue 6      | 05 April 2016     | Revised                                                                                                                  |
| Issue 7      | 08 December 2020  | Engine manufacturer changed from “GE Aviation Czech, s.r.o.” to “PARMA-Technik, s.r.o.” for Walter Minor Series Engines. |
| Issue 8      | 28 September 2026 | Addition of the new C15887 noise record.                                                                                 |

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