

# ***European Aviation Safety Agency***

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

### **Z 42 - Series**

#### **Type Certificate Holder:**

#### **ZLIN AIRCRAFT**

Olivova 4/2096  
110 00 Praha 1  
Otrokovice  
CZECH REPUBLIC

For type: Z 42, and  
Variants: Z 42 M, Z 42 MU, Z 142, Z 142 C, Z 242 L

Issue 3, 24 August 2009

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Aircraft Manufacturer \*      **ZLIN AIRCRAFT**      Aircraft Type Designation \*      **Z 42 M**  
 Engine Manufacturer \*      **LOM praha, s.p.**      Engine Type Designation \*      **Avia M 137 AZ**  
 Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter \*      **6**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Mass Take-off mass * (kg)	Take-off dB(A)	
					Level *	Limit
C92	<b>Avia Propeller Ltd.</b>	<b>V 503 A</b>	<b>None</b>	<b>920</b>	<b>70.0</b>	<b>72.3</b>
C96	<b>Avia Propeller Ltd.</b>	<b>V 503 A</b>	<b>None</b>	<b>970</b>	<b>71.1</b>	<b>72.9</b>

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\*\* 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.

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Aircraft Manufacturer \*      **ZLIN AIRCRAFT**      Aircraft Type Designation \*      **Z 42 MU**  
 Engine Manufacturer \*      **LOM praha, s.p.**      Engine Type Designation \*      **M 137 A**  
 Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter \*      **6**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Mass Take-off mass * (kg)	Take-off dB(A)	
					Level *	Limit
C90	<b>Avia Propeller Ltd.</b>	<b>V 503 A</b>	<b>None</b>	<b>920</b>	<b>70.0</b>	<b>72.3</b>
C91	<b>Avia Propeller Ltd.</b>	<b>V 503 A</b>	<b>None</b>	<b>970</b>	<b>71.1</b>	<b>72.9</b>

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Aircraft Manufacturer \*      **ZLIN AIRCRAFT**      Aircraft Type Designation \*      **Z 42 MU**  
 Engine Manufacturer \*      **LOM praha, s.p.**      Engine Type Designation \*      **M 137 AZ**  
 Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter \*      **6**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Mass Take-off mass * (kg)	Take-off dB(A)	
					Level *	Limit
C87	<b>Avia Propeller Ltd.</b>	<b>V 503 A</b>	<b>None</b>	<b>920</b>	<b>70.0</b>	<b>72.3</b>
C88	<b>Avia Propeller Ltd.</b>	<b>V 503 A</b>	<b>None</b>	<b>970</b>	<b>71.1</b>	<b>72.9</b>

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Aircraft Manufacturer \*      **ZLIN AIRCRAFT**      Aircraft Type Designation \*      **Z 142**  
 Engine Manufacturer \*      **LOM praha, s.p.**      Engine Type Designation \*      **Avia M 337 AK**  
 Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter \*      **6**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Mass Take-off mass * (kg)	Overflight dB(A)	
					Level *	Limit
C4879	<b>Avia Propeller Ltd.</b>	<b>V 500 A</b>	<b>None</b>	<b>1,090</b>	<b>72,4</b>	<b>74,5</b>

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Aircraft Manufacturer \*      **ZLIN AIRCRAFT**      Aircraft Type Designation \*      **Z 142**  
 Engine Manufacturer \*      **Walter**      Engine Type Designation \*      **M 337 AK**  
 Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter \*      **10**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Mass Take-off mass * (kg)	Take-off dB(A)	
					Level *	Limit
C98	<b>Avia Propeller Ltd.</b>	<b>V 500 A</b>	<b>None</b>	<b>1,090</b>	<b>82,3</b>	<b>84,5</b>

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