

# ***European Aviation Safety Agency***

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

**Z 50**

**Type Certificate Holder:**

**ZLIN AIRCRAFT**

Olivova 4/2096  
110 00 Praha 1  
Otrokovice  
CZECH REPUBLIC

For variants: Z 50 L  
Z 50 LA  
Z 50 LS  
Z 50 LX

Issue 4, 24 August 2009

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Aircraft Manufacturer \*      **ZLIN AIRCRAFT**      Aircraft Type Designation \*      **Z 50 L**  
 Engine Manufacturer \*      **Lycoming**      Engine Type Designation \*      **AEIO-540-D4B5**  
 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
C4911	<b>Hoffmann Propeller</b>	<b>HO-V-123-()-()-200-AH</b>	<b>None</b>	<b>800</b>	<b>75.6</b>	<b>80.1</b>
C53	<b>Hoffmann Propeller</b>	<b>HO-V-123-()-()-200-AH</b>	<b>None</b>	<b>720</b>	<b>75.6</b>	<b>78.6</b>
C4913	<b>MT-Propeller</b>	<b>MTV-9-B-C/C 200-15</b>	<b>None</b>	<b>800</b>	<b>75.6</b>	<b>80.1</b>
C52	<b>MT-Propeller</b>	<b>MTV-9-B-C/C 200-15</b>	<b>None</b>	<b>720</b>	<b>75.6</b>	<b>78.6</b>

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

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Aircraft Manufacturer \*      **ZLIN AIRCRAFT**      Aircraft Type Designation \*      **Z 50 LA**  
 Engine Manufacturer \*      **Lycoming**      Engine Type Designation \*      **AEIO-540-D4B5**  
 Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter \*      **10**

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					Level *	Limit
C4915	<b>Hoffmann Propeller</b>	<b>HO-V-123-()-()-200-AH</b>	<b>None</b>	<b>800</b>	<b>76.1</b>	<b>80.1</b>
C47	<b>Hoffmann Propeller</b>	<b>HO-V-123-()-()-200-AH</b>	<b>None</b>	<b>720</b>	<b>76.1</b>	<b>78.6</b>
C4917	<b>MT-Propeller</b>	<b>MTV-9-B-C/C 200-15</b>	<b>None</b>	<b>800</b>	<b>76.1</b>	<b>80.1</b>
C34	<b>MT-Propeller</b>	<b>MTV-9-B-C/C 200-15</b>	<b>None</b>	<b>720</b>	<b>76.1</b>	<b>78.6</b>

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Aircraft Manufacturer \*      **ZLIN AIRCRAFT**      Aircraft Type Designation \*      **Z 50 LS**  
 Engine Manufacturer \*      **Lycoming**      Engine Type Designation \*      **AEIO-540-L1B5**  
 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
C4923	<b>Hoffmann Propeller</b>	<b>HO-V-123-K-V-200-AH</b>	<b>None</b>	<b>840</b>	<b>77,4</b>	<b>80,8</b>
C33	<b>Hoffmann Propeller</b>	<b>HO-V-123-K-V-200-AH</b>	<b>None</b>	<b>760</b>	<b>77,4</b>	<b>79,3</b>
C4919	<b>MT-Propeller</b>	<b>MTV-3-B-C/200-01</b>	<b>None</b>	<b>840</b>	<b>77,4</b>	<b>80,8</b>
C30	<b>MT-Propeller</b>	<b>MTV-3-B-C/200-01</b>	<b>None</b>	<b>760</b>	<b>77,4</b>	<b>79,3</b>
C4921	<b>MT-Propeller</b>	<b>MTV-9-B-C/C 200-15</b>	<b>None</b>	<b>840</b>	<b>77,4</b>	<b>80,8</b>
C28	<b>MT-Propeller</b>	<b>MTV-9-B-C/C 200-15</b>	<b>None</b>	<b>760</b>	<b>77,4</b>	<b>79,3</b>

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 Engine Manufacturer \*      **Lycoming**      Engine Type Designation \*      **AEIO-540-L1B5D**  
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					Level *	Limit
C4929	<b>Hoffmann Propeller</b>	<b>HO-V-123-K-V-200-AH</b>	<b>None</b>	<b>840</b>	<b>77.4</b>	<b>80.8</b>
C26	<b>Hoffmann Propeller</b>	<b>HO-V-123-K-V-200-AH</b>	<b>None</b>	<b>760</b>	<b>77.4</b>	<b>79.3</b>
C4925	<b>MT-Propeller</b>	<b>MTV-3-B-C/200-01</b>	<b>None</b>	<b>840</b>	<b>77.4</b>	<b>80.8</b>
C25	<b>MT-Propeller</b>	<b>MTV-3-B-C/200-01</b>	<b>None</b>	<b>760</b>	<b>77.4</b>	<b>79.3</b>
C4927	<b>MT-Propeller</b>	<b>MTV-9-B-C/C 200-15</b>	<b>None</b>	<b>840</b>	<b>77.4</b>	<b>80.8</b>
C20	<b>MT-Propeller</b>	<b>MTV-9-B-C/C 200-15</b>	<b>None</b>	<b>760</b>	<b>77.4</b>	<b>79.3</b>

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 Engine Manufacturer \*      **Lycoming**      Engine Type Designation \*      **AEIO-540-L1B5**  
 Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter \*      **10 (10.4a)**

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					Level *	Limit
C9114	<b>Hoffmann Propeller</b>	<b>HO-V-123-K-V-200-AH</b>	<b>None</b>	<b>840</b>	<b>77,4</b>	<b>80,8</b>
C9115	<b>Hoffmann Propeller</b>	<b>HO-V-123-K-V-200-AH</b>	<b>None</b>	<b>760</b>	<b>77,4</b>	<b>79,3</b>
C9116	<b>MT-Propeller</b>	<b>MTV-9-B-C/C 200-15</b>	<b>None</b>	<b>840</b>	<b>77,4</b>	<b>80,8</b>
C9117	<b>MT-Propeller</b>	<b>MTV-9-B-C/C 200-15</b>	<b>None</b>	<b>760</b>	<b>77,4</b>	<b>79,3</b>

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					Level *	Limit
C9118	<b>Hoffmann Propeller</b>	<b>HO-V-123-K-V-200-AH</b>	<b>None</b>	<b>840</b>	<b>77.4</b>	<b>80.8</b>
C9119	<b>Hoffmann Propeller</b>	<b>HO-V-123-K-V-200-AH</b>	<b>None</b>	<b>760</b>	<b>77.4</b>	<b>79.3</b>
C9120	<b>MT-Propeller</b>	<b>MTV-9-B-C/C 200-15</b>	<b>None</b>	<b>840</b>	<b>77.4</b>	<b>80.8</b>
C9121	<b>MT-Propeller</b>	<b>MTV-9-B-C/C 200-15</b>	<b>None</b>	<b>760</b>	<b>77.4</b>	<b>79.3</b>

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