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## TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.A.445**

**for**

**Z - 37**

**Type Certificate Holder:**

**Aircraft Industries, a.s.**

Na Záhonech 1177,

686 04 Kunovice

CZECH REPUBLIC

For models:

Z - 37

Z - 37 - 2

Z - 37A

Z - 37A - 2



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Type Certificate Holder<sup>1</sup>      **Aircraft Industries, a.s.**      Aircraft Type Designation<sup>1</sup>      **Z - 37**

Engine Manufacturer<sup>1</sup>      **LOM praha, s.p.**      Engine Type Designation<sup>1</sup>      **M 462 R F**

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

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	
C9903	<b>Avia Propeller Ltd.</b>	<b>V 520 /7/</b>	<b>None</b>	<b>1,850</b>			<b>2</b>
C9904	<b>Avia Propeller Ltd.</b>	<b>V 520 /7/</b>	<b>None</b>	<b>1,725</b>			<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **Aircraft Industries, a.s.**      Aircraft Type Designation<sup>1</sup>      **Z - 37 - 2**

Engine Manufacturer<sup>1</sup>      **LOM praha, s.p.**      Engine Type Designation<sup>1</sup>      **M 462 R F**

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

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)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C9905	<b>Avia Propeller Ltd.</b>	<b>V 520 /7/</b>	<b>None</b>	<b>1,600</b>			<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **Aircraft Industries, a.s.**      Aircraft Type Designation<sup>1</sup>      **Z - 37A**

Engine Manufacturer<sup>1</sup>      **Avia**      Engine Type Designation<sup>1</sup>      **M 462 R F**

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

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)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C14488	<b>Avia Propeller Ltd.</b>	<b>V 520 /7/</b>	<b>None</b>	<b>1,725</b>			<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **Aircraft Industries, a.s.**      Aircraft Type Designation<sup>1</sup>      **Z - 37A**

Engine Manufacturer<sup>1</sup>      **LOM praha, s.p.**      Engine Type Designation<sup>1</sup>      **M 462 R F**

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

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	
C9359	<b>Avia Propeller Ltd.</b>	<b>V 520 /7/</b>	<b>None</b>	<b>1,850</b>			<b>2</b>
C9360	<b>Avia Propeller Ltd.</b>	<b>V 520 /7/</b>	<b>None</b>	<b>1,725</b>			<b>2</b>

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



Type Certificate Holder<sup>1</sup>      **Aircraft Industries, a.s.**      Aircraft Type Designation<sup>1</sup>      **Z - 37A - 2**

Engine Manufacturer<sup>1</sup>      **LOM praha, s.p.**      Engine Type Designation<sup>1</sup>      **M 462 R F**

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

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)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C9906	<b>Avia Propeller Ltd.</b>	<b>V 520 /7/</b>	<b>None</b>	<b>1,600</b>			<b>2</b>

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



### **CS-36 Amendment level**

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12	13
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5	6

### **TCDSN EASA.A.445 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 Article 9 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.





### **Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
01	21 October 2021	Initial Issue

