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# TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.A.546**

**for**

**PS-28 Cruiser**

**Type Certificate Holder:**  
**Czech Aircraft Group s.r.o.**  
Na Záhonech 212  
686 04 Kunovice  
CZECH REPUBLIC

For models:  
PS-28 Cruiser  
PS-28 N Cruiser



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Type Certificate Holder<sup>1</sup>      **Czech Aircraft Group s.r.o.**      Aircraft Type Designation<sup>1</sup>      **PS-28 Cruiser**

Engine Manufacturer<sup>1</sup>      **BRP - Rotax GmbH & Co.KG**      Engine Type Designation<sup>1</sup>      **Rotax 912 S2**

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

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	
C11659	<b>Sensenich</b>	<b>3B0R5R68C</b>	<b>None</b>	<b>600</b>	<b>62.6</b>	<b>70.8</b>	<b>2</b>
C11445	<b>Sensenich</b>	<b>3B0R5R68C</b>	<b>None</b>	<b>600</b>	<b>63.7</b>	<b>70.8</b>	<b>2</b>
C10706	<b>Woodcomp</b>	<b>Klassic 170/3/R</b>	<b>None</b>	<b>600</b>	<b>64.6</b>	<b>70.8</b>	<b>2</b>

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



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Engine Manufacturer<sup>1</sup>      **BRP - Rotax GmbH & Co.KG**      Engine Type Designation<sup>1</sup>      **Rotax 912 ULS2**

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

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	
C11660	<b>Sensenich</b>	<b>3B0R5R68C</b>	<b>None</b>	<b>600</b>	<b>62.6</b>	<b>70.8</b>	-
C11452	<b>Sensenich</b>	<b>3B0R5R68C</b>	<b>None</b>	<b>600</b>	<b>63.7</b>	<b>70.8</b>	-
C10707	<b>Woodcomp</b>	<b>Klassic 170/3/R</b>	<b>None</b>	<b>600</b>	<b>64.6</b>	<b>70.8</b>	-

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



Type Certificate Holder<sup>1</sup>      **Czech Aircraft Group s.r.o.**      Aircraft Type Designation<sup>1</sup>      **PS-28 N Cruiser**

Engine Manufacturer<sup>1</sup>      **BRP - Rotax GmbH & Co.KG**      Engine Type Designation<sup>1</sup>      **Rotax 912 S2**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 8 / Amendment 12**      Chapter<sup>1</sup>      **10 (10.4b)**

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	
C14490	<b>Sensenich</b>	<b>3B0R5R68C</b>	<b>None</b>	<b>600</b>	<b>62.6</b>	<b>70.8</b>	<b>2</b>
C14491	<b>Sensenich</b>	<b>3B0R5R68C</b>	<b>None</b>	<b>600</b>	<b>63.7</b>	<b>70.8</b>	<b>2</b>
C14492	<b>Woodcomp</b>	<b>Klassic 170/3/R</b>	<b>None</b>	<b>600</b>	<b>64.6</b>	<b>70.8</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
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5

**TCDSN EASA.A.546 Notes**

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. Also applicable to engines with the designation suffix -01



### **Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
Issue 1	12 April 2012	Initial issue.
Issue 2	31 January 2014	Added records C11445, C11452, C11659 and C11660 (Installation of Sensenich propeller and after muffler)
Issue 3	17 January 2020	Change of TC holder (TC Transfer)
Issue 4	26 April 2021	Added model PS-28 N Cruiser

