

## **European Aviation Safety Agency**

#### **EASA**

# TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.A.368** 

for

HR 100 Series R 1000 Series

# Type Certificate Holder: C.E.A.P.R.

1 route de Troyes 21121 DAROIS France

For models: HR 100/200

HR 100/200B HR 100/210 HR 100/250TR HR 100/285 TIARA TCDSN EASA.A.368 Page 2 of 15 Issue: 1 Date: 23 October 2013

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Type Certificate Holder **CEAPR** Aircraft Type Designation HR 100/200

Engine Type Designation Engine Manufacturer Lycoming IO-360-A1D6

EASA	ASA Propeller Propeller Type		Additional modifications essential to meet the	Maximum	Take-off dB(A)		See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C11398	Hartzell Propeller Inc.	HC-F2YR-1/7666A-2	none	1,140	-		2

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Type Certificate Holder **CEAPR** Aircraft Type Designation HR 100/200B

Engine Type Designation Engine Manufacturer Lycoming IO-360-A1D6

EASA	EASA Propeller Pr	Propeller Type	Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C411	Hartzell Propeller Inc.	HC-F2YR-1/7666A-2	none	1,250	73.7	76.7	2

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Type Certificate Holder **CEAPR** Aircraft Type Designation HR 100/210

**Teledyne Continental** Engine Type Designation Engine Manufacturer IO-360-D

EASA Propell	Propeller	ler Propeller Type	Additional modifications essential to meet the	Maximum	Take-off dB(A)		See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C11399	McCauley	2A34C210/78CCA-2	none	1,250	-		2

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Type Certificate Holder **CEAPR** Aircraft Type Designation HR 100/210

**Teledyne Continental** Engine Type Designation Engine Manufacturer IO-360-H

EASA Prope	Propeller	opeller Propeller Type	Additional modifications essential to meet the	Maximum	Take-off dB(A)		See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C9003	McCauley	2A34C210/78CCA-2	none	1,250	-		2

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Type Certificate Holder **CEAPR** Aircraft Type Designation HR 100/210

**Teledyne Continental** Engine Type Designation Engine Manufacturer IO-360-H

EASA Propel	Propeller	peller Drapeller Type	Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C8866	Hartzell Propeller Inc.	BHC-J2YF-1BF/F7663-4RD	none	1,250	73.7	76.7	2

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Type Certificate Holder CEAPR Aircraft Type Designation HR 100/210D

Engine Manufacturer Teledyne Continental Engine Type Designation IO-360-D

EASA	EASA Propeller Propeller Type		Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C413	Hartzell Propeller Inc.	BHC-J2YF-1BF/7663-2.4R	none	1,250	73.7	76.7	2
C11400	McCauley	2A34C210/78CCA-4.4	none	1,250	76.0	76.7	2

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Type Certificate Holder CEAPR Aircraft Type Designation HR 100/210D

Engine Manufacturer Teledyne Continental Engine Type Designation IO-360-H

EASA	EASA Propeller Propeller Type		Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C415	McCauley	2A34C210/78CCA-4.4	none	1,250	76.0	76.7	2
C414	Hartzell Propeller Inc.	BHC-J2YF-1BF/7663-2.4R	none	1,250	73.7	76.7	2

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Type Certificate Holder<sup>1</sup> Aircraft Type Designation<sup>1</sup> **CEAPR** HR 100/250TR

Engine Manufacturer<sup>1</sup> Engine Type Designation<sup>1</sup> Lycoming IO-540-C4B5

Chapter<sup>1</sup> Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment 6

EASA	Propeller Propeller Type		Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer <sup>1</sup>		requirements or needed to attain the certificated noise levels	Take-off mass <sup>1</sup> (kg)	Level 1	Limit	Note
C416	Hartzell Propeller Inc.	HC-C2YK-1B/F8477-4	none	1,400	77.4	78.7	-
C418	Hartzell Propeller Inc.	HC-C2YK-1B/F8477-4R	none	1,400	77.4	78.7	-

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

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Type Certificate Holder<sup>1</sup> Aircraft Type Designation<sup>1</sup> **CEAPR** HR 100/250TR

Engine Manufacturer<sup>1</sup> Engine Type Designation<sup>1</sup> Lycoming IO-540-C4B5

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

EASA	EASA Brandler Brandler Type		Additional modifications essential to meet the	Maximum	Take-off dB(A)		See
Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	requirements or needed to attain the certificated noise levels	Take-off mass <sup>1</sup> (kg)	Level 1	Limit	Note
C417	Hartzell	HC-C2YK-1B/F8477-4	none	1,400	79.1	88.0	_
	Propeller Inc.	110 0211( 12/1 04/1 4	none	1,400	7 3.1	00.0	
C440	Hartzell	UC COVIC 4D/E0477 4D		4 400	70.4	00.0	
C419	Propeller Inc. HC-C2YK-1B/F8477-4R	none	1,400	79.1	88.0	-	

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

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Type Certificate Holder<sup>1</sup> Aircraft Type Designation<sup>1</sup> **CEAPR** HR 100/285 TIARA

Engine Manufacturer<sup>1</sup> **Teledyne Continental** Engine Type Designation<sup>1</sup> 6-285-B

Chapter<sup>1</sup> Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment 6

EASA	SA Propeller Propeller Type	Additional modifications essential to meet the	Maximum	Overflight dB(A)		See	
Record No.	Manufacturer <sup>1</sup>	Designation <sup>1</sup>	requirements or needed to attain the certificated noise levels	Take-off mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Note
C420	Hoffmann Propeller	HO-V123F-200P	none	1,400	69.7	78.7	-

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

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Type Certificate Holder<sup>1</sup> Aircraft Type Designation<sup>1</sup> **CEAPR** HR 100/285 TIARA

Engine Manufacturer<sup>1</sup> **Teledyne Continental** Engine Type Designation<sup>1</sup> 6-285-C

Chapter<sup>1</sup> Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment 6

EASA	Propeller Propeller Type		Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer <sup>1</sup>	Designation <sup>1</sup>	requirements or needed to attain the certificated noise levels	Take-off mass <sup>1</sup> (kg)	Level 1	Limit	Note
C421	Hoffmann Propeller	HO-V123F-200P	none	1,400	69.7	78.7	-

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

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#### **TCDSN EASA.A.368 Notes**

- 1. Items so marked shall be included on EASA Form 45.
- 2. This aircraft type conforms with the provisions of Article 6.1 of Regulation 216/2008 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.

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### **Change Record**

Issue	Date	Changes
Issue 1	23 October 2013	Initial Issue

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