



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.369

for

CAP20

Type Certificate Holder:

CEAPR

1 route de Troyes
21121 DAROIS
France

For models: CAP20
CAP20L/S200
CAP21
CAP230
CAP231
CAP231EX
CAP232

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Type Certificate Holder **CEAPR** Aircraft Type Designation **CAP20**

Engine Manufacturer **Lycoming** Engine Type Designation **AIO-360-B1B**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		See Note
					Level	Limit	
C11714	Hartzell Propeller Inc.	HC-C2YK-1B/7666A	none	830	-		2
C11715	Hartzell Propeller Inc.	HC-C2YK-4F/7666A	none	830	-		2
C11716	Hartzell Propeller Inc.	HC-C2YK-1B/7666A	none	760	-		3
C11717	Hartzell Propeller Inc.	HC-C2YK-4F/7666A	none	760	-		3



Type Certificate Holder **CEAPR** Aircraft Type Designation **CAP20L/S200**

Engine Manufacturer **Lycoming** Engine Type Designation **AEIO-360-A1B**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		See Note
					Level	Limit	
C11718	Hartzell Propeller Inc.	HC-C2YK-4BF/FC7666A-2	none	650	-		3



Type Certificate Holder **CEAPR** Aircraft Type Designation **CAP21**

Engine Manufacturer **Lycoming** Engine Type Designation **AEIO-360-A1B**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		See Note
					Level	Limit	
C11719	Hartzell Propeller Inc.	HC-C2YK-4BF/FC7666A-2	none	620	-		3



Type Certificate Holder **CEAPR** Aircraft Type Designation **CAP21**

Engine Manufacturer **Lycoming** Engine Type Designation **IO-360-A1B**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		See Note
					Level	Limit	
C11720	Hartzell Propeller Inc.	HC-C2YK-4BF/FC7666A-2	none	620	-		3



Type Certificate Holder **CEAPR** Aircraft Type Designation **CAP230**

Engine Manufacturer **Lycoming** Engine Type Designation **AEIO-540-L1B5D**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		See Note
					Level	Limit	
C11721	Hartzell Propeller Inc.	HC-C2YR-4CF/FC8475-6	none	730	-		3



Type Certificate Holder **CEAPR** Aircraft Type Designation **CAP231**

Engine Manufacturer **Lycoming** Engine Type Designation **AEIO-540-L1B5D**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		See Note
					Level	Limit	
C11723	Hartzell Propeller Inc.	HC-C2YR-4CF/FC8475-6	none	780	-		3
C11722	MT-Propeller Entwicklung GmbH	MTV-9-B-C/C200-15	none	780	-		3



Type Certificate Holder **CEAPR** Aircraft Type Designation **CAP231**

Engine Manufacturer **Lycoming** Engine Type Designation **AEIO540-L1B5D**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		See Note
					Level	Limit	
C1	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	none	780	-		3



Type Certificate Holder **CEAPR** Aircraft Type Designation **CAP231EX**

Engine Manufacturer **Lycoming** Engine Type Designation **AEIO-540-L1B5D**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		See Note
					Level	Limit	
C11726	Hartzell Propeller Inc.	HC-C2YR-4CF/FC8475-6	none	730	-		3
C11724	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	none	730	-		3
C11725	MT-Propeller Entwicklung GmbH	MTV-9-B-C/C200-15	none	730	-		3



Type Certificate Holder **CEAPR** Aircraft Type Designation **CAP232**

Engine Manufacturer **Lycoming** Engine Type Designation **AEIO-540-L1B5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		See Note
					Level	Limit	
C11728	Hartzell Propeller Inc.	HC-C2YR-4CF/FC8475-6	none	780	-		3
C5386	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	none	780	-		3
C11727	MT-Propeller Entwicklung GmbH	MTV-9-B-C/C200-15	none	780	-		3



Type Certificate Holder¹ **CEAPR** Aircraft Type Designation¹ **CAP232**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **AEIO-540-L1B5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C12488	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	none	820	76.3	75.6	-
C12573	MT-Propeller Entwicklung GmbH	MTV-9-B-C/C200-15	none	820	80.4	75.6	-

¹ See Note 1.



Type Certificate Holder **CEAPR** Aircraft Type Designation **CAP232**

Engine Manufacturer **Lycoming** Engine Type Designation **AEIO-540-L1B5D**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		See Note
					Level	Limit	
C11731	Hartzell Propeller Inc.	HC-C2YR-4CF/FC8475-6	none	780	-		3
C11729	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	none	780	-		3
C11730	MT-Propeller Entwicklung GmbH	MTV-9-B-C/C200-15	none	780	-		3



Type Certificate Holder¹ **CEAPR** Aircraft Type Designation¹ **CAP232**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **AEIO-540-L1B5D**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C12538	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	none	820	76.3	75.6	-

¹ See Note 1.



Type Certificate Holder **CEAPR** Aircraft Type Designation **CAP232**

Engine Manufacturer **Lycoming** Engine Type Designation **AEIO-540-L1D5**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		See Note
					Level	Limit	
C11734	Hartzell Propeller Inc.	HC-C2YR-4CF/FC8475-6	none	780	-		3
C11732	MT-Propeller Entwicklung GmbH	MTV-14-B-C/C190-17	none	780	-		3
C11733	MT-Propeller Entwicklung GmbH	MTV-9-B-C/C200-15	none	780	-		3



TCDSN EASA.A.369 Note

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.
3. 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 being specifically designed for aerobatic purposes.

Change Record

Issue	Date	Changes
Issue 1	17 March 2014	Initial Issue.
Issue 2	05 April 2016	Records C12538, C12573 and C12488 added.
Issue 3	11 May 2017	Record C11721 added; Change of TC holder from AERODIF to CEAPR

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