



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.510

for

DR 200 series

Type Certificate Holder:

CEAPR

1 route de Troyes

21121 DAROIS

France

For models:	DR 200	DR 220	DR 221 B
	DR 250	DR 220 A	DR 253
	DR 250-160	DR 220 B	DR 253 B
	DR 250 B	DR 220 AB	
	DR 250 B-160	DR 221	



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Type Certificate Holder **CEAPR** Aircraft Type Designation **DR 200**

Engine Manufacturer **Potez** Engine Type Designation **4E20B**

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	
C11357	Légère	2102 RA	none	850	-		1
C11358	Ratier	FH-110R	none	850	-		1



Type Certificate Holder	CEAPR	Aircraft Type Designation	DR 220
Engine Manufacturer	Teledyne Continental	Engine Type Designation	O-200-A
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter 6

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)	Overflight dB(A)		See Note
					Level	Limit	
C8820	EVRA	D11-28-7C	Highest power in the normal operating range set to 2600 rpm	780	70.2	70.4	1



Type Certificate Holder **CEAPR** Aircraft Type Designation **DR 220**

Engine Manufacturer **Teledyne Continental** Engine Type Designation **O-200-A**

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	
C11326	McCauley	1B90ECM7250	none	780	-		1
C11325	Légère	2102 RA	none	780	-		1
C11328	Ratier	FH-110	none	780	-		1
C11327	Ratier	FH-110R	none	780	-		1
C11335	McCauley	1B90ECM7250	none	700	-		1
C11334	Légère	2102 RA	none	700	-		1
C11333	EVRA	D11-28-7C	none	700	-		1
C11337	Ratier	FH-110	none	700	-		1
C11336	Ratier	FH-110R	none	700	-		1



Type Certificate Holder	CEAPR	Aircraft Type Designation	DR 220 A
Engine Manufacturer	Teledyne Continental	Engine Type Designation	O-200-A
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter 6

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)	Overflight dB(A)		See Note
					Level	Limit	
C8821	EVRA	D11-28-7C	Highest power in the normal operating range set to 2600 rpm	780	70.2	70.4	1



Type Certificate Holder **CEAPR** Aircraft Type Designation **DR 220 A**

Engine Manufacturer **Teledyne Continental** Engine Type Designation **O-200-A**

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	
C11330	McCauley	1B90ECM7250	none	780	-		1
C11329	Légère	2102 RA	none	780	-		1
C11332	Ratier	FH-110	none	780	-		1
C11331	Ratier	FH-110R	none	780	-		1



Type Certificate Holder **CEAPR** Aircraft Type Designation **DR 220 AB**

Engine Manufacturer **Teledyne Continental** Engine Type Designation **O-200-A**

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	
C11349	McCauley	1B90ECM7250	none	780	-		1
C11348	Légère	2102 RA	none	780	-		1
C11351	Ratier	FH-110	none	780	-		1
C11350	Ratier	FH-110R	none	780	-		1



Type Certificate Holder **CEAPR** Aircraft Type Designation **DR 220 B**

Engine Manufacturer **Teledyne Continental** Engine Type Designation **O-200-A**

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	
C11340	McCauley	1B90ECM7250	none	780	-		1
C11339	Légère	2102 RA	none	780	-		1
C11338	EVRA	D11-28-7C	none	780	-		1
C11342	Ratier	FH-110	none	780	-		1
C11341	Ratier	FH-110R	none	780	-		1
C11345	McCauley	1B90ECM7250	none	700	-		1
C11344	Légère	2102 RA	none	700	-		1
C11343	EVRA	D11-28-7C	none	700	-		1
C11347	Ratier	FH-110	none	700	-		1
C11346	Ratier	FH-110R	none	700	-		1



Type Certificate Holder **CEAPR** Aircraft Type Designation **DR 221**

Engine Manufacturer **Lycoming** Engine Type Designation **O-235-C2A**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter **6**

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)	Overflight dB(A)		See Note
					Level	Limit	
C5524	McCauley	1A105/BCM7056	none	840	64.7	71.2	1
C8858	EVRA	88-75-34-F	none	840	64.7	71.2	1



Type Certificate Holder **CEAPR** Aircraft Type Designation **DR 221**

Engine Manufacturer **Lycoming** Engine Type Designation **O-235-C2A**

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	
C11352	McCauley	1A105/BCM7056	none	780	-		1
C11353	EVRA	88-75-34-F	none	780	-		1



Type Certificate Holder	CEAPR	Aircraft Type Designation	DR 221 B
Engine Manufacturer	Lycoming	Engine Type Designation	O-235-C2A
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter 6

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)	Overflight dB(A)		See Note
					Level	Limit	
C8996	McCauley	1A105/BCM7056	none	840	64.7	71.2	1



Type Certificate Holder **CEAPR** Aircraft Type Designation **DR 221 B**

Engine Manufacturer **Lycoming** Engine Type Designation **O-235-C2A**

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	
C11354	EVRA	88-75-34-F	none	840	-		1
C11355	McCauley	1A105/BCM7056	none	780	-		1
C11356	EVRA	88-75-34-F	none	780	-		1



Type Certificate Holder **CEAPR** Aircraft Type Designation **DR 250**

Engine Manufacturer **Lycoming** Engine Type Designation **O-320-E2A**

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	
C11365	Sensenich	74DM6S5-0-64	none	960	-		1
C11363	Sensenich	74DM6S5-2-64	none	960	-		1
C11361	EVRA	91-78-34	none	960	-		1
C11360	Hoffmann Propeller	FH2/LC-23-140-155-6.5-R	none	960	-		1
C11359	Hoffmann Propeller	FH2/LC-23-180-155-6.5-R	none	960	-		1
C11366	Hartzell Propeller Inc.	HC-C2YL-1/7663-4	none	960	-		1
C11364	Sensenich	M74DMS-0-64	none	960	-		1
C11362	Sensenich	M74DMS-2-64	none	960	-		1



Type Certificate Holder **CEAPR** Aircraft Type Designation **DR 250 B**

Engine Manufacturer **Lycoming** Engine Type Designation **O-320-E2A**

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	
C11378	Sensenich	74DM6S5-0-64	none	960	-		1
C11376	Sensenich	74DM6S5-2-64	none	960	-		1
C11374	EVRA	91-78-34	none	960	-		1
C11373	Hoffmann Propeller	FH2/LC-23-140-155-6.5-R	none	960	-		1
C11372	Hoffmann Propeller	FH2/LC-23-180-155-6.5-R	none	960	-		1
C11379	Hartzell Propeller Inc.	HC-C2YL-1/7663-4	none	960	-		1
C11377	Sensenich	M74DMS-0-64	none	960	-		1
C11375	Sensenich	M74DMS-2-64	none	960	-		1



Type Certificate Holder **CEAPR** Aircraft Type Designation **DR 250 B/160**

Engine Manufacturer **Lycoming** Engine Type Designation **O-320-D2A**

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	
C11385	Sensenich	74DM6S5-0-64	none	960	-		1
C11389	EVRA	91-78-34 F	none	960	-		1
C11388	EVRA	91-86-34 F	none	960	-		1
C11387	Hoffmann Propeller	HOCO-F-H2-LC-23-180-140-6.5-R	none	960	-		1
C11383	Sensenich	M74DMS-0-64	none	960	-		1
C11384	Sensenich	M74DMS-2-66	none	960	-		1



Type Certificate Holder **CEAPR** Aircraft Type Designation **DR 250 B/160**

Engine Manufacturer **Lycoming** Engine Type Designation **O-320-D2A**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter **6**

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)	Overflight dB(A)		See Note
					Level	Limit	
C11380	Sensenich	74DM6S5-2-64	none	960	72.7	72.8	1
C11381	Sensenich	74DM6S5-2-66	none	960	65.8	72.8	1
C11386	Hoffmann Propeller	HOCO-F-H2-LC-23-180-155-6.5-R	none	960	67.6	72.8	1



Type Certificate Holder **CEAPR** Aircraft Type Designation **DR 250 B/160**

Engine Manufacturer **Lycoming** Engine Type Designation **O-320-D2A**

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

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	
C11382	Sensenich	74DM6S5-2-66	none	960	73.8	82.7	1



Type Certificate Holder **CEAPR** Aircraft Type Designation **DR 250/160**

Engine Manufacturer **Lycoming** Engine Type Designation **O-320-D2A**

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	
C11371	Sensenich	74DM6S5-0-64	none	960	-		1
C11368	EVRA	91-78-34 F	none	960	-		1
C11581	EVRA	91-86-34 F	none	960	-		1
C11367	Hoffmann Propeller	HOCO-F-H2-LC-23-180-140-6.5-R	none	960	-		1
C11369	Sensenich	M74DMS-0-64	none	960	-		1
C11370	Sensenich	M74DMS-2-66	none	960	-		1



Type Certificate Holder **CEAPR** Aircraft Type Designation **DR 250/160**

Engine Manufacturer **Lycoming** Engine Type Designation **O-320-D2A**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter **6**

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)	Overflight dB(A)		See Note
					Level	Limit	
C9027	Sensenich	74DM6S5-2-64	none	960	72.7	72.8	1
C9474	Sensenich	74DM6S5-2-66	none	960	65.8	72.8	1
C10334	Hoffmann Propeller	HOCO-F-H2-LC-23-180-155-6.5-R	none	960	67.6	72.8	1



Type Certificate Holder **CEAPR** Aircraft Type Designation **DR 250/160**

Engine Manufacturer **Lycoming** Engine Type Designation **O-320-D2A**

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

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	
C10333	Sensenich	74DM6S5-2-66	none	960	73.8	82.7	1



Type Certificate Holder	CEAPR	Aircraft Type Designation	DR 253
Engine Manufacturer	Lycoming	Engine Type Designation	0-360-A1A
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	
C11390	Hartzell Propeller Inc.	HC-C2YK/7666-2	none	1,100	-		1



Type Certificate Holder **CEAPR** Aircraft Type Designation **DR 253**

Engine Manufacturer **Lycoming** Engine Type Designation **O-360-A3A**

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	
C11392	Sensenich	76EM8S5-0-64	none	1,100	-		1
C11391	Sensenich	M76EMMS-0-64	none	1,100	-		1



Type Certificate Holder	CEAPR	Aircraft Type Designation	DR 253 B
Engine Manufacturer	Lycoming	Engine Type Designation	O-360-A1A
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	
C11393	Hartzell Propeller Inc.	HC-C2YK/7666-2	none	1,100	-		1



Type Certificate Holder **CEAPR** Aircraft Type Designation **DR 253 B**

Engine Manufacturer **Lycoming** Engine Type Designation **O-360-A3A**

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	
C11395	Sensenich	76EM8S5-0-64	none	1,100	-		1
C11394	Sensenich	M76EMMS-0-64	none	1,100	-		1



TCDSN EASA.A.510 Notes

1. 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.



Change Record

Issue	Date	Changes
Issue 1	24 October 2013	Initial Issue
Issue 2	31 December 2014	Merge of TCDSN EASA.A.551 (DR 220 models) and TCDSN EASA. A.552 (DR 253 models) with TCDSN EASA.A.510

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