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TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.377

for

MS 880 and Rally 100 Series

Type Certificate Holder: SOCATA

65921 TARBES Cedex 9 FRANCE

For models:

MS 880B	Rallye 100 S	Rallye 150 SV
MS 881	Rallye 100 S-D	Rallye 150 SVS
MS 883	Rallye 100 ST	Rallye 150 T
MS 884	Rallye 100 ST-D	Rallye 150 T-D
MS 885	Rallye 110 ST	Rallye 180 T
MS 886	Rallye 150 ST	Rallye 180 T-D
MS 887	Rallye 150 ST-D	



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Type Certificate Holder **SOCATA** Aircraft Type Designation MS 880B

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

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

EASA Prope	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Overflig	nt dB(A)	See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C659	McCauley	1A101/DCM6948	none	770	70.3	70.3	2
C660	McCauley	1A105/SCM7146	none	770	69.0	70.3	2



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Aircraft Type Designation Type Certificate Holder **SOCATA** MS 881

Engine Manufacturer **Engine Type Designation** 4E20() Potez

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

EASA	Propeller	Dranellar Tuna	Additional modifications essential to meet the	Maximum	Take-off 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
C10439	Ratier	2446	none	800	-		2
C10441	Ratier	FH 110	none	800	-		2
C10440	Ratier	2446	none	770	-		2
C10442	Ratier	FH 110	none	770	-		2



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Aircraft Type Designation Type Certificate Holder **SOCATA** MS 883

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

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

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
C5688	Sensenich	76AKS6-2-44	none	825	68.0	71.0	2

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Aircraft Type Designation Type Certificate Holder **SOCATA** MS 884

Engine Manufacturer Franklin **Engine Type Designation** 4A-235-B3

Record No.	Manufacturer Sensenich	Designation M72CCS-0-54	noise levels none	mass (kg) 850	Level -	Limit	Note 2
EASA	Propeller	Propeller Type	Additional modifications essential to meet the requirements or needed to attain the certificated	Maximum Take-off	Take-off dB(A)	. ,	See



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Type Certificate Holder **SOCATA** Aircraft Type Designation MS 885

Teledyne Continental Engine Manufacturer **Engine Type Designation** O-300-A

EASA	Dropollor	Dranellar Tuna	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	See
Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C662	McCauley	1C170/DM7652	none	850	69.3	71.3	2
C5528	McCauley	1C172/DTM7652	none	850	69.3	71.3	2
C663	McCauley	1C172/EM7652	none	850	69.3	71.3	2
C664	McCauley	1C172/EM7653	none	850	69.3	71.3	2
C665	McCauley	1C172/EM7656	none	850	69.3	71.3	2
C666	McCauley	1C172/EM7658	none	850	69.3	71.3	2
C667	McCauley	1C172/MDM7652	none	850	69.3	71.3	2
C668	McCauley	1C172/MDM7653	none	850	69.3	71.3	2
C669	McCauley	1C172/MDM7656	none	850	69.3	71.3	2
C670	McCauley	1C172/MDM7658	none	850	69.3	71.3	2



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Type Certificate Holder **SOCATA** Aircraft Type Designation MS 885

Teledyne Continental Engine Manufacturer **Engine Type Designation** O-300-B

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	See
Record No.	Record No. Manufacturer		requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C671	McCauley	1C170/DM7652	none	850	69.3	71.3	2
C672	McCauley	1C172/EM7652	none	850	69.3	71.3	2
C673	McCauley	1C172/EM7653	none	850	69.3	71.3	2
C674	McCauley	1C172/EM7656	none	850	69.3	71.3	2
C675	McCauley	1C172/EM7658	none	850	69.3	71.3	2
C676	McCauley	1C172/MDM7652	none	850	69.3	71.3	2
C677	McCauley	1C172/MDM7653	none	850	69.3	71.3	2
C678	McCauley	1C172/MDM7656	none	850	69.3	71.3	2
C679	McCauley	1C172/MDM7658	none	850	69.3	71.3	2



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Type Certificate Holder **SOCATA** Aircraft Type Designation MS 885

Teledyne Continental Engine Manufacturer **Engine Type Designation** O-300-C

EASA	A Propeller Propeller Type requiren	Dranellar Tuna	Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.		·	Take-off mass (kg)	Level	Limit	Note	
C680	McCauley	1C172/EM7652	none	850	69.3	71.3	2
C681	McCauley	1C172/EM7653	none	850	69.3	71.3	2
C682	McCauley	1C172/EM7656	none	850	69.3	71.3	2
C683	McCauley	1C172/EM7658	none	850	69.3	71.3	2



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Type Certificate Holder **SOCATA** Aircraft Type Designation MS 885

Teledyne Continental Engine Manufacturer **Engine Type Designation** O-300-D

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	
C684	McCauley	1C172/EM7652	none	850	69.3	71.3	2	
C685	McCauley	1C172/EM7653	none	850	69.3	71.3	2	
C686	McCauley	1C172/EM7656	none	850	69.3	71.3	2	
C687	McCauley	1C172/EM7658	none	850	69.3	71.3	2	



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Aircraft Type Designation Type Certificate Holder **SOCATA** MS 886

O-320-E() Engine Manufacturer Lycoming **Engine Type Designation**

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

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum Tak		ff dB(A)	See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C10347	McCauley	1C172/MGM7650	none	850	-		2



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Aircraft Type Designation Type Certificate Holder **SOCATA** MS 887

Engine Manufacturer Lycoming **Engine Type Designation** O-235-F2A

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

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated	Maximum Take-of Take-off mass (kg) Level	ff dB(A)	See Note	
	Wanaracturer		noise levels		Levei	Limit	Note
C10349	McCauley	1A135/KCM7147	none	840	-		2



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Type Certificate Holder **SOCATA** Aircraft Type Designation Rallye 100 S

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

EASA Pro	Propeller	Propeller Propeller Type	Additional modifications essential to meet the	Maximum	Take-of	ff dB(A)	See
Record No.	Manufacturer	Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C10345	McCauley	1A101/DCM6948	none	750	-		2
C10346	McCauley	1A105/SCM7146	none	750	-		2



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Type Certificate Holder¹ Aircraft Type Designation¹ Rallye 100 S-D **SOCATA**

Engine Manufacturer¹ Engine Type Designation¹ Continental O-200-A

Chapter¹ Edition / Amendment **Noise Certification Basis** ICAO Annex 16, Volume I 6

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	Note
C872	McCauley	1A101/DCM6946	none	750	67.6	70.0	-
C874	McCauley	1A101/DCM6948	none	750	67.6	70.0	-
C5279	McCauley	1A101/DCM6948	none	750	67.6	70.0	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Rallye 100 ST **SOCATA**

Engine Manufacturer¹ Engine Type Designation¹ **Teledyne Continental** O-200-A

Chapter¹ Edition / Amendment **Noise Certification Basis** ICAO Annex 16, Volume I 6

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	Note
C875	McCauley	1A101/DCM6948	none	770	68.2	70.3	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Rallye 100 ST **SOCATA**

Engine Manufacturer¹ Engine Type Designation¹ Lycoming O-235-L2A

Chapter¹ Edition / Amendment **Noise Certification Basis** ICAO Annex 16, Volume I 6

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C876	McCauley	1A103/TCM6958	none	770	69.1	70.3	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Rallye 100 ST-D **SOCATA**

Engine Manufacturer¹ Engine Type Designation¹ **Teledyne Continental** O-200-A

Chapter¹ Edition / Amendment **Noise Certification Basis** ICAO Annex 16, Volume I 6

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	Note
C878	McCauley	1A101/DCM6946	none	770	68.2	70.3	-
C991	McCauley	1A101/DCM6948	none	770	68.2	70.3	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Rallye 110 ST **SOCATA**

Engine Manufacturer¹ Engine Type Designation¹ Lycoming O-235-L2A

Chapter¹ Edition / Amendment **Noise Certification Basis** ICAO Annex 16, Volume I 6

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C995	McCauley	1A103/TCM6958	none	770	69.1	70.3	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Rallye 110 ST **SOCATA**

Engine Manufacturer¹ Engine Type Designation¹ Lycoming O-235-L2C

Chapter¹ Edition / Amendment **Noise Certification Basis** ICAO Annex 16, Volume I 6

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	Note
C999	McCauley	1A103/TCM6958	none	770	69.1	70.3	-

¹ See Note 1.



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Type Certificate Holder **SOCATA** Aircraft Type Designation Rallye 150 ST

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

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

EASA	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
C8813	Sensenich	74DM6-0-56	none	870	-		2

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Aircraft Type Designation Type Certificate Holder **SOCATA** Rallye 150 ST-D

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

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

C10001	Sensenich	74DM6-0-56	noise levels none	mass (kg) 870	70.2	71.6	2
EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated	Maximum Take-off	Level	nt dB(A) Limit	See Note



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Type Certificate Holder¹ Aircraft Type Designation¹ Rallye 150 SV **SOCATA**

Engine Manufacturer¹ Engine Type Designation¹ Lycoming O-320-D2A

Chapter¹ Edition / Amendment **Noise Certification Basis** ICAO Annex 16, Volume I 6

EASA	Propeller	Draneller Type	Additional modifications essential to meet the	Maximum	Overflig	Soo	
Record No.	Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C1003	Sensenich	74DM-0-61	none	870	64.9	71.6	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Rallye 150 SVS **SOCATA**

Engine Manufacturer¹ Engine Type Designation¹ Lycoming O-320-D2A

Chapter¹ Edition / Amendment **Noise Certification Basis** ICAO Annex 16, Volume I 6

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Overflig	See	
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	Note
C1010	Sensenich	74DM6-0-61	Silencer : Thielmann	870	62.3	71.6	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Rallye 150 T **SOCATA**

Engine Manufacturer¹ Engine Type Designation¹ Lycoming O-320-E2A

Chapter¹ Edition / Amendment **Noise Certification Basis** ICAO Annex 16, Volume I 6

EASA	Propeller	r Propeller Type	Additional modifications essential to meet the	Maximum	Overflig	nt dB(A)	See
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	Note
C9369	Sensenich	74DM6-0-54	none	950	72.0	72.7	-
C8978	Sensenich	74DM6-0-56	none	950	72.4	72.7	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Rallye 150 T-D **SOCATA**

Engine Manufacturer¹ Engine Type Designation¹ O-320-E() Lycoming

Chapter¹ Edition / Amendment **Noise Certification Basis** ICAO Annex 16, Volume I 6

EASA	Propeller	Propeller Type	Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer ¹	Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	Note
C1016	Sensenich	74DM6-0-54	none	950	72.0	72.7	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Rallye 180 T **SOCATA**

Engine Manufacturer¹ Engine Type Designation¹ Lycoming O-360-A3A

Chapter¹ Edition / Amendment **Noise Certification Basis** ICAO Annex 16, Volume I 6

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)	Overflight dB(A)		See
					Level ¹	Limit	Note
C1019	Sensenich	76EM8-0-54	Silencer : Thielmann	950	63.1	72.7	-
C5628	Sensenich	76EM8-0-54	none	950	69.0	72.7	-

¹ See Note 1.



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Type Certificate Holder¹ Aircraft Type Designation¹ Rallye 180 T-D **SOCATA**

Engine Manufacturer¹ Engine Type Designation¹ Lycoming O-360-A3A

Chapter¹ Edition / Amendment **Noise Certification Basis** ICAO Annex 16, Volume I 6

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)	Overflight dB(A)		See
					Level ¹	Limit	Note
C10443	Sensenich	76EM8-0-54	Maximum continuous power limited to 2575 RPM	950	69.0	72.7	-
C10444	Sensenich	76EM8-0-56	Maximum continuous power limited to 2575 RPM	950	69.4	72.7	-

¹ See Note 1.



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TCDSN EASA.A.377 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	29 June 2011	Initial issue
Issue 2	28 May 2015	Revised

-END-