

TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.613

for

Vulcanair P.64, P.66, V1 Series

Type Certificate Holder: Vulcanair S.p.A.

Via Giovanni Pascoli, 7 80026 - Casoria (Napoli) Italy

For models: P.64 "Oscar" Vulcanair V1.0

P.64B "Oscar 200" Vulcanair V1.1
P.64B "Oscar B 1155" Vulcanair V1.100L
P.64B "Oscar B" Vulcanair V1.150L
P.66B "Oscar 100" Vulcanair V1.CL

P.66B "Oscar 150" P.66C "Charlie"



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Type Certificate Holder Vulcanair S.p.A. Aircraft Type Designation P.64 "Oscar"

Engine Type Designation Engine Manufacturer Lycoming O-360-A1A

EASA	Dropollor	Dranellar Type	Additional modifications essential to meet the	Maximum	Take-o	ff dB(A)	Soo
Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note
C12647	Hartzell Propeller Inc.	HC-C2YK-1B(F)/(F)7666A	none	1,100	-		2

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Type Certificate Holder Vulcanair S.p.A. Aircraft Type Designation P.64 "Oscar"

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

EACA	Drandlar	Dranellar Type	Additional modifications essential to meet the	Maximum	Take-o	ff dB(A)	Soo
EASA Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note
C12649	Sensenich	76EM8-0-65	none	1,100	-		2
C12648	Sensenich	M76EMM-0-65	none	1,100	-		2

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Type Certificate Holder Aircraft Type Designation P.64B "Oscar 200" Vulcanair S.p.A.

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

FACA F	Dropollor	Dranallar Tuna	Additional modifications essential to meet the	Maximum	Overflight dB(A)		Soo.
EASA Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note
C8974	Hartzell Propeller Inc.	HC-C2YK-1B(F)/(F)766A	none	1,155	74.7	75.4	2

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Aircraft Type Designation P.64B "Oscar B 1155" Type Certificate Holder Vulcanair S.p.A.

Engine Manufacturer Lycoming **Engine Type Designation** O-360-A1A

FACA	Dranellar	Due wallen True	Additional modifications essential to meet the	Maximum	Take-off dB(A)		Soo
EASA Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note
C12641	Hartzell Propeller Inc.	HC-C2YK-1B(F)/(F)7666A	none	1,155	-		2

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Type Certificate Holder Aircraft Type Designation P.64B "Oscar B" Vulcanair S.p.A.

Engine Manufacturer Lycoming **Engine Type Designation** O-360-A1A

5050	Duanellan	December 7 mg	Additional modifications essential to meet the	Maximum	Take-off dB(A)		Coo
EASA Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note
C12651	Hartzell Propeller Inc.	HC-C2YK-1B(F)/(F)7666A	none	1,100	-		2

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Type Certificate Holder Aircraft Type Designation P.64B "Oscar B" Vulcanair S.p.A.

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

ΓΛΟΛ	Drandlar	Dranallar Tuna	Additional modifications essential to meet the	Maximum	Take-o	ff dB(A)	500
EASA Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note
C12650	Sensenich	76EM8-0-65	none	1,100	-		2
C12652	Sensenich	M76EMM-0-65	none	1,100	-		2

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Aircraft Type Designation P.66B "Oscar 100" Type Certificate Holder Vulcanair S.p.A.

Engine Manufacturer Lycoming **Engine Type Designation** O-235-C1

FACA	Dranallar	Dranellar Type	Additional modifications essential to meet the	Maximum	Take-o	ff dB(A)	Soo
EASA Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note
C12643	Sensenich	M76AM	none	820	-		2

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Type Certificate Holder Aircraft Type Designation P.66B "Oscar 100" Vulcanair S.p.A.

Engine Manufacturer Lycoming **Engine Type Designation** O-235-C1B

FACA	Dropollor	Described Tons	Additional modifications essential to meet the	Maximum	Take-off dB(A)		Soo
EASA Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note
C12644	Sensenich	76AM6	none	820	-		2

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Aircraft Type Designation P.66B "Oscar 150" Type Certificate Holder Vulcanair S.p.A.

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

FASA	Dropollor	Draw allow Trans	Additional modifications essential to meet the	Maximum	Take-off dB(A)		Soo
EASA Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note
C5495	Sensenich	74DM6S5-2-60	none	930	-		2

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Type Certificate Holder Aircraft Type Designation P.66C "Charlie" Vulcanair S.p.A.

Engine Manufacturer Lycoming **Engine Type Designation** O-320-H2AD

EACA	Drapallar	Dranallar Tyna	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	500
EASA Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note
C5408	Hoffmann Propeller	HO-23C-186-140	none	990	72.8	73.2	2

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Type Certificate Holder¹ Vulcanair S.p.A. Aircraft Type Designation¹ Vulcanair V1.0

Engine Manufacturer¹ Engine Type Designation¹ Lycoming IO-360-M1A

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

FACA	Duanallan	Due nelle u Trune	Additional modifications essential to meet the	Maximum	Take-off dB(A)		Coo
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass¹ (kg)	Level ¹	Limit	See Note
C12642	Hartzell Propeller Inc.	HC-C2YR-1B(F)()/(F)7497	Vulcanair Mod. V1/05 (Installatiion of Lycoming IO- 360-M1A)	1,155	80.2	80.9	-
C14195	MT-Propeller Entwicklung GmbH	MT 188R135-4G	Vulcanair Mod. V1/22 (Installation of fixed-pitch MT propeller MT 188R135-4G), SI1435 (Conversion to constant speed to fixed pitch propeller)	1,155	77.4	80.9	-

¹ See Note 1.



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Type Certificate Holder Vulcanair S.p.A. Aircraft Type Designation Vulcanair V1.1

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

TACA D	Drandlar	Dranellar Type	Additional modifications essential to meet the	Maximum	Overflig	ht dB(A)	Soo
EASA Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note
C12638	Hartzell Propeller Inc.	HC-C2YK-1B(F)/(F)766A	none	1,155	74.7	75.4	2

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Type Certificate Holder Vulcanair S.p.A. Aircraft Type Designation Vulcanair V1.100L

Engine Manufacturer Lycoming **Engine Type Designation** O-235-C1

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-o	ff dB(A)	See Note
				Take-off mass (kg)	Level	Limit	
C12645	Sensenich	M76AM	none	820	-		2



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Type Certificate Holder Vulcanair S.p.A. Aircraft Type Designation Vulcanair V1.100L

Engine Manufacturer Lycoming **Engine Type Designation** O-235-C1B

	Duandlan	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)		Saa
	Propeller Manufacturer				Level	Limit	See Note
C12646	Sensenich	76AM6	none	820	-		2

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Type Certificate Holder Vulcanair S.p.A. Aircraft Type Designation Vulcanair V1.150L

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

EASA Record No. M	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-c		ff dB(A)	200
				Take-off mass (kg)	Level	Limit	See Note
C12639	Sensenich	74DM6S5-2-60	none	930	-		2

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Type Certificate Holder Vulcanair S.p.A. Aircraft Type Designation Vulcanair V1.CL

Engine Manufacturer Lycoming **Engine Type Designation** O-320-H2AD

EASA	Drandlar	Dranellas Tima	Additional modifications essential to meet the	Maximum	Overflight dB(A)		Soo
Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note
C12640	Hoffmann Propeller	HO-23C-186-140	none	990	72.8	73.2	2

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TCDSN EASA.A.613 Notes

- 1. Items so marked shall be included on EASA Form 45.
- 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 April 2016	Initial Issue
Issue 2	30 May 2016	Record C12641 revised.
Issue 3	05 January 2020	Added Mod.V1/22

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