

## **TYPE-CERTIFICATE DATA SHEET FOR NOISE**

**No. EASA.A.384** 

for

P.166

**Type Certificate Holder: Piaggio Aviation SpA** 

Viale Generale Disegna 1 17038 - Villanova d'Albenga (SV) Italy

For models: P.166

> P.166 B P.166 C P.166 DL3 P.166 S



TCDSN EASA.A.384 Page 2 of 9 Issue: 3 Date: 18 April 2018

## INTENTIONALLY LEFT BLANK

Page 3 of 9 Date: 18 April 2018 Issue: 3

Type Certificate Holder Piaggio Aviation SpA Aircraft Type Designation P.166

**Engine Type Designation** GSO-480-B1C6 **Engine Manufacturer** Lycoming

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

EASA	Dropollor	Drawallan Tura	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		Coo
Record No.	Propeller Manufacturer	Propeller Type Designation			Level	Limit	See Note
C11664	Hartzell Propeller Inc.	HC-(A,B)B3X20-2CL/L9333CH	none	3,680	-		1



Page 4 of 9 Date: 18 April 2018 Issue: 3

Type Certificate Holder Piaggio Aviation SpA Aircraft Type Designation P.166 B

Engine Manufacturer Lycoming **Engine Type Designation** IGSO-540-A1C

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

ΓΛΩ	EASA Propeller Record No. 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)		Coo
Record No.					Level	Limit	See Note
C11666	Hartzell Propeller Inc.	HC-B3Z30-2BL/L10151-8	none	3,950	-		1
C11665	Hartzell Propeller Inc.	HC-B3Z30-2BL/L10151-8	none	3,800	-		1



Page 5 of 9 Date: 18 April 2018 Issue: 3

Type Certificate Holder Piaggio Aviation SpA Aircraft Type Designation P.166 C

Engine Manufacturer Lycoming **Engine Type Designation** IGSO-540-A1C

**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)		Coo
					Level	Limit	See Note
C11667	Hartzell Propeller Inc.	HC-B3Z30-2BL/L10151-8	none	3,950	-		1



TC.CERT.00080-001 (c) European Aviation Safety Agency, 2014. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet Issue: 3

Page 6 of 9 Date: 18 April 2018

Type Certificate Holder<sup>1</sup> Piaggio Aviation SpA Aircraft Type Designation<sup>1</sup> P.166 DL3

Engine Manufacturer<sup>1</sup> Lycoming Engine Type Designation<sup>1</sup> LPT 101-600

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

EASA	Dropollor	Dren aller Tura	requirements or needed to attain the certificated	Maximum Take-off mass <sup>1</sup> (kg)	Overflight dB(A)		See
Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>			Level <sup>1</sup>	Limit	Note
C9757	Hartzell Propeller Inc.	HC-B3TN-3DL/LT 10282-9.5R	none	4,300	78.0	80.0	-

<sup>&</sup>lt;sup>1</sup> See Note 1.



Page 7 of 9 Date: 18 April 2018 Issue: 3

Type Certificate Holder Piaggio Aviation SpA Aircraft Type Designation P.166 S

Engine Manufacturer Lycoming **Engine Type Designation** GSO-480-B1C6

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

EASA	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
Record No.					Level	Limit	Note
C11668	Piaggio	P.1033/G4-BS 0724245-11	none	3,680	-		1



TCDSN EASA.A.384 Page 8 of 9
Issue: 3 Date: 18 April 2018

## **TCDSN EASA.A.384 Notes**

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.

TCDSN EASA.A.384 Page 9 of 9 Issue: 3 Date: 18 April 2018

## **Change Record**

Issue	Date	Changes
Issue 1	12 July 2010	Initial Issue
Issue 2	09 January 2018	Added models P.166, P.166 B, P.166 C, P.166 S
Issue 3	18 April 2018	TC holder revised

-END-