



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



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

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

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	
C11664	Hartzell Propeller Inc.	HC-(A,B)B3X20-2CL/L9333CH	none	3,680	-		1



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

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	
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



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



Type Certificate Holder¹ **Piaggio Aviation SpA** Aircraft Type Designation¹ **P.166 DL3**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **LPT 101-600**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **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 Note
					Level ¹	Limit	
C9757	Hartzell Propeller Inc.	HC-B3TN-3DL/LT 10282-9.5R	none	4,300	78.0	80.0	-

¹ See Note 1.

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 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	
C11668	Piaggio	P.1033/G4-BS 0724245-11	none	3,680	-		1



TCDSN EASA.A.384 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	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

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