



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.232

for

PA-44 - Series

Type Certificate Holder:

Piper Aircraft, Inc.

2926 Piper Drive

Vero Beach, Florida 32960

U.S.A.

For models:

PA-44-180

PA-44-180T



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Type Certificate Holder¹ **Piper Aircraft, Inc.** Aircraft Type Designation¹ **PA-44-180**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **(L)IO-360-B1G6**

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 ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C15146	Hartzell Propeller Inc.	HC-C2Y()-2CEUF/FC7666A-2R, HC-C2Y()-2CLEUF/FJC7666A-2R	None	1,724	74.7	80.0	-

¹ See Note 1.



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Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **(L)O-360-A1H6**

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

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 ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C4480	Hartzell Propeller Inc.	HC-C2Y()-2CEUF/FC7666A-2R, HC-C2Y()-2CLEUF/FJC7666A-2R	None	1,724	79.2	88.0	-

¹ See Note 1.



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

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					Level ¹	Limit	
C4481	Hartzell Propeller Inc.	HC-C2Y()-2CEUF/FC7666A-2R, HC-C2Y()-2CLEUF/FJC7666A-2R	None	1,724	74.7	80.0	-

¹ See Note 1.



Type Certificate Holder¹ **Piper Aircraft, Inc.** Aircraft Type Designation¹ **PA-44-180**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **(L)O-360-E1A6D**

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

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 ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C4482	Hartzell Propeller Inc.	HC-C2Y()-2CEUF/FC7666A-2R, HC-C2Y()-2CLEUF/FJC7666A-2R	None	1,724	79.2	88.0	-

¹ See Note 1.



Type Certificate Holder¹ **Piper Aircraft, Inc.** Aircraft Type Designation¹ **PA-44-180**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **(L)O-360-E1A6D**

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 ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C4483	Hartzell Propeller Inc.	HC-C2Y()-2CEUF/FC7666A-2R, HC-C2Y()-2CLEUF/FJC7666A-2R	None	1,724	74.7	80.0	-
C4484	Hartzell Propeller Inc.	HC-C3YR-2()UF/FC7663-5R, HC-C3YR-2L()UF/FJC7663-5R	None	1,724	76.5	80.0	-

¹ See Note 1.



Type Certificate Holder¹ **Piper Aircraft, Inc.** Aircraft Type Designation¹ **PA-44-180T**

Engine Manufacturer¹ **Lycoming Engines** Engine Type Designation¹ **(L)TO-360-E1A6D**

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 ¹	Maximum Take-Off Mass ¹ (kg)	Overflight dB(A)		See Note
					Level ¹	Limit	
C4485	Hartzell Propeller Inc.	HC-C2YR-2C()UF/FC7666A-2R, HC-C2YR-2CL()UF/FJC7666A-2R	None	1,780	71.6	80.0	-
C5036	Hartzell Propeller Inc.	HC-C2YR-2C()UF/FC7666AB-2R, HC-C2YR-2CL()UF/FJC7666AB-2R	None	1,780	71.6	80.0	-
C4486	Hartzell Propeller Inc.	HC-C3YR-2()UF/FC7663-5R, HC-C3YR-2L()UF/FJC7663-5R	None	1,780	73.4	80.0	-
C5037	Hartzell Propeller Inc.	HC-C3YR-2()UF/FC7663B-5R, HC-C3YR-2L()UF/FJC7663B-5R	None	1,780	73.4	80.0	-

¹ See Note 1.



CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12	13
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5	6

TCDSN EASA.IM.A.232 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.



Change Record

Issue	Date	Changes
01	30 April 2007	Initial Issue
02	27 February 2023	Record C15146 added.

