TCDSN No.: EASA.IM.A.232 PA-44 - Series Page 1 of 10 Date: 27 February 2023

Issue: 2



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

5464	EASA Record No. Propeller Manufacturer ¹ Propeller Type Designation ¹		Additional modifications essential	Maximum	Overflig	ht dB(A)	
		to meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass ¹ (kg)	Level ¹	Limit	See Note	
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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Type Certificate Holder¹ Piper Aircraft, Inc. Aircraft Type Designation¹ PA-44-180

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)

FASA Propeller		1	Additional modifications essential to	Maximum Take		ff dB(A)	500
Record No.	EASA Propeller Propeller Type Designation ¹ Record No. Manufacturer ¹		meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
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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Type Certificate Holder¹ Piper Aircraft, Inc. Aircraft Type Designation¹ PA-44-180

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

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

EACA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	Soo
Record No.	EASA ecord No. Propeller Manufacturer ¹ Propeller Type Designation ¹		meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
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.



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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 Propeller		1	Additional modifications essential to	Maximum	Take-O	ff dB(A)	See Note
Record No.	Propeller Type Designation		meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	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.



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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			Additional modifications essential to	Maximum	Overflight dB(A)		See	
Record No Propeller Manufacturer Propeller Type Designation me		meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note		
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.



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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

F.4.C.4			Additional modifications essential	Maximum	Overflig		
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	to meet the requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
C4485	Hartzell Propeller Inc.	HC-C2YR-2C()UF/FC7666A-2R,	None	1,780	71.6	80.0	_
C4403	Hartzen Propener Inc.	HC-C2YR-2CL()UF/FJC7666A-2R	None	1,700	71.0	00.0	_
C5036	Hartzell Propeller Inc.	HC-C2YR-2C()UF/FC7666AB-2R,	None	1.780	71.6	80.0	_
C3030	Hartzen Fropenci Inc.	HC-C2YR-2CL()UF/FJC7666AB-2R	None	1,700	71.0	00.0	
C4486	Hartzell Propeller Inc.	HC-C3YR-2()UF/FC7663-5R,	None	1.780	73.4	80.0	
C4480	nartzen Propener IIIc.	HC-C3YR-2L()UF/FJC7663-5R	None	1,780	73.4	80.0	-
C5037	Hartzell Draneller Inc	HC-C3YR-2()UF/FC7663B-5R,	None	1.780	73.4	80.0	
C3037	Hartzell Propeller Inc.	HC-C3YR-2L()UF/FJC7663B-5R	None	1,780	/3.4	80.0	-

¹ See Note 1.



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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.



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Change Record

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