

European Aviation Safety Agency

EASA TYPE-CERTIFICATE DATA SHEET FOR NOISE

PA-44 - Series

Manufacturer: Piper Aircraft, Inc.

2926 Piper Drive
Vero Beach, Florida 32960
U.S.A.

For Variants: PA-44-180
PA-44-180T

Issue 1, 30 April 2007

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Aircraft Manufacturer * **Piper Aircraft, Inc.** Aircraft Type Designation * **PA-44-180**
 Engine Manufacturer * **Lycoming** Engine Type Designation * **(L)O-360-A1H6**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter * **6**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Mass Take-off mass * (kg)	Overflight dB(A)	
					Level *	Limit
C4481	Hartzell Propeller Inc.	HC-C2Y()- 2CEUF/FC7666A-2R, HC-C2Y()- 2CLEUF/FJC7666A-2R	None	1,724	74.7	80.0

** Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45.

* Items so marked shall be included on EASA Form 45.

Aircraft Manufacturer * **Piper Aircraft, Inc.** Aircraft Type Designation * **PA-44-180**
 Engine Manufacturer * **Lycoming** Engine Type Designation * **(L)O-360-A1H6**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter * **10 (10.4a)**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Mass Take-off mass * (kg)	Take-off dB(A)	
					Level *	Limit
C4480	Hartzell Propeller Inc.	HC-C2Y()- 2CEUF/FC7666A-2R, HC-C2Y()- 2CLEUF/FJC7666A-2R	None	1,724	79.2	88.0

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Aircraft Manufacturer * **Piper Aircraft, Inc.** Aircraft Type Designation * **PA-44-180**
 Engine Manufacturer * **Lycoming** Engine Type Designation * **(L)O-360-E1A6D**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter * **6**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Mass Take-off mass * (kg)	Overflight dB(A)	
					Level *	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

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Aircraft Manufacturer * **Piper Aircraft, Inc.** Aircraft Type Designation * **PA-44-180**
 Engine Manufacturer * **Lycoming** Engine Type Designation * **(L)O-360-E1A6D**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter * **10 (10.4a)**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Mass Take-off mass * (kg)	Take-off dB(A)	
					Level *	Limit
C4482	Hartzell Propeller Inc.	HC-C2Y()- 2CEUF/FC7666A-2R, HC-C2Y()- 2CLEUF/FJC7666A-2R	None	1,724	79.2	88.0

** Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45.

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Aircraft Manufacturer * **Piper Aircraft, Inc.** Aircraft Type Designation * **PA-44-180T**
 Engine Manufacturer * **Lycoming** Engine Type Designation * **(L)TO-360-E1A6D**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter * **6**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Mass Take-off mass * (kg)	Overflight dB(A)	
					Level *	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

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