



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.239

for

Piper Model PA-32

Type Certificate Holder:

Piper Aircraft, Inc.

2926 Piper Drive

Vero Beach, Florida 32960

U.S.A.

For models: PA-32-301FT
PA-32-301XTC
PA-32R-301
PA-32R-301T Saratoga II TC



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Type Certificate Holder ¹	Piper Aircraft, Inc.	Aircraft Type Designation ¹	PA-32-301FT
Engine Manufacturer ¹	Lycoming	Engine Type Designation ¹	IO-540-K1G5
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 10 (10.4b)

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)	Take-off dB(A)		See Note
					Level ¹	Limit	
C4383	Hartzell Propeller Inc.	HC-13YR-1RF/F7663DR	none	1,633	83.9	85.0	-

¹ See Note 1.



Type Certificate Holder¹ **Piper Aircraft, Inc.** Aircraft Type Designation¹ **PA-32-301XTC**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **TIO-540-AH1A**

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

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)	Take-off dB(A)		See Note
					Level ¹	Limit	
C4384	Hartzell Propeller Inc.	HC-I3YR-1RF/F7663DR	none	1,633	80.6	85.0	-

¹ See Note 1.

Type Certificate Holder¹ **Piper Aircraft, Inc.** Aircraft Type Designation¹ **PA-32R-301**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-K1G5**

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	
C4024	Hartzell Propeller Inc.	HC-I3YR-1RF/F7663DR	none	1,633	78.4	80.0	-

¹ See Note 1.

Type Certificate Holder¹ **Piper Aircraft, Inc.** Aircraft Type Designation¹ **PA-32R-301**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **IO-540-K1G5D**

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	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C5501	Hartzell Propeller Inc.	HC-I3YR-1(R,B)F/F7663DR	none	1,633	84.7	88.0	-

¹ See Note 1.

Type Certificate Holder¹ **Piper Aircraft, Inc.** Aircraft Type Designation¹ **PA-32R-301T Saratoga II TC**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **TIO-540-AH1A**

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	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See Note
					Level ¹	Limit	
C10631	Hartzell Propeller Inc.	HC-I3YR-1(R)F/F7663DR()-0	none	1,633	79.6	88.0	-

¹ See Note 1.

TCDSN EASA.IM.A.239 Notes

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

Change Record

Issue	Date	Changes
Issue 1	30 April 2009	Initial Issue
Issue 2	15 September 2020	Revised

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