

European Aviation Safety Agency

EASA

TYPE-CERTIFICATE DATA SHEET FOR NOISE

Piper Model PA-32

Manufacturer:
Piper Aircraft, Inc.
2926 Piper Drive
Vero Beach, Florida 32960
U.S.A.

For models : PA-32R-301 Saratoga II HP
PA-32R-301T Saratoga II TC
PA-32-301FT Piper 6X
PA-32-301XTC Piper 6XT

Issue 1, 30 April 2009

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

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Mass Take-off mass (kg) *	Take-off dB(A)	
					Level *	Limit
C4383	Hartzell Propeller Inc.	HC-I3YR-1RF/F7663DR	none	1.633	83,9	85,0

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

** 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

Aircraft Manufacturer* **Piper Aircraft Corporation** Aircraft Type Designation* **PA-32-301XTC**
 Engine Manufacturer* **Lycoming** Engine Type Designation* **TIO-540-AH1A**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **10 (10.4b)**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Additional modifications **	Maximum Mass Take-off mass (kg) *	Take-off dB(A)	
					Level *	Limit
C4384	Hartzell Propeller Inc.	HC-I3YR-1RF/F7663DR	none	1.633	80,6	85,0

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

** 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

Aircraft Manufacturer* **Piper Aircraft Corporation** Aircraft Type Designation* **PA-32R-301**
 Engine Manufacturer* **Lycoming** Engine Type Designation* **IO-540-K1G5**
 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
C4023	Hartzell Propeller Inc.	HC-I3YR-1RF/F7663DR	Silencer : Gomolzig PA32-606520	1.633	82,0	88,0

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Aircraft Manufacturer* **Piper Aircraft Corporation** Aircraft Type Designation* **PA-32R-301**

Engine Manufacturer* **Lycoming** Engine Type Designation* **IO-540-K1G5**

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
C4024	Hartzell Propeller Inc.	HC-I3YR-1RF/F7663DR	none	1.633	78,4	80,0

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

** 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

Aircraft Manufacturer* **Piper Aircraft Corporation** Aircraft Type Designation* **PA-32R-301**
 Engine Manufacturer* **Lycoming** Engine Type Designation* **IO-540-K1G5D**
 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
C4192	Hartzell Propeller Inc.	HC-I3YR-1RF/F7663DR	Silencer : Gomolzig PA32-606520	1.633	82,0	88,0

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

** 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

Aircraft Manufacturer* **Piper Aircraft Corporation** Aircraft Type Designation* **PA-32R-301T**
 Engine Manufacturer* **Lycoming** Engine Type Designation* **TIO-540-AH1A**
 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
C4405	Hartzell Propeller Inc.	HC-I3YR-1(R)F/F7663DR()-0	none	1.633	79,6	88,0

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

** 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