

TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.234

for

Piper PA-28

Type Certificate Holder: Piper Aircraft, Inc. 2926 Piper Drive Vero Beach, Florida 32960 U.S.A.

For models: PA-28-181 (Archer III)



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TCDSN EASA.IM.A.234 Issue: 2

Type Certificate Holder ¹	Piper Aircraft, Inc.	Aircraft Type Designation ¹	PA-28-181	
Engine Manufacturer ¹	Lycoming	Engine Type Designation ¹	IO-360-B4A	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹	10 (10.4a)

FASA	Dropollor Dropollor Type	Dropollor Typo	Additional modifications essential to meet the	Maximum Take-off mass ¹ (kg)	Take-off dB(A)		See
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels		Level ¹	Limit	See Note
C13731	Sensenich	76EM8S14-0-62	Silencer : Piper Piper P/N 85577-2 or 104628-002 Optional "low Noise" mufller system	1,157	75.3	85.3	-
C13732	Sensenich	76EM8S14-0-62	Silencer : Piper None, (Tailpipe only P/N 85477-9 or 85477-11) Standard exhaust system	1,157	77.7	85.3	-

¹ See Note 1.



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Engine Manufacturer ¹	Lycoming		Engine Type Designation ¹	O-360-A4M	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment		Chapter ¹	10 (10.4a)

EACA Dropollor	Dropollor Typo	Additional modifications essential to meet the	Maximum	Take-off dB(A)		500	
EASA Record No.	Manufacturer ¹	Propeller Propeller Type Manufacturer ¹ Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C11269	Sensenich	76EM8S14-0-62	Silencer : Piper 104628-002	1,157	77.7	85.3	2
C5500	Sensenich	76EM8S14-0-62	Silencer : Piper 85577-2	1,157	75.3	85.3	2
C5486	Sensenich	76EM8S14-0-62	none	1,157	77.7	85.3	2

¹ See Note 1.



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TCDSN EASA.IM.A.234 Notes

- 1. Items so marked shall be included on EASA Form 45.
- 2. Valid for S/N 2890206 through 2890231, and 2843001 and up



Change Record

Issue	Date	Changes
Issue 1	13 May 2014	Initial Issue.
Issue 2	08 August 2018	Records C13731 and C13732 added.

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