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## **TYPE-CERTIFICATE DATA SHEET FOR NOISE**

**UK.TC.A.00019**

for

**PA-28-181**

Type Certificate holder

**Piper Aircraft, Inc.**

2926 Piper Drive,

Fero Beach,

Florida

32960

United States of America

Model(s): PA-28-181 (Archer III)

Issue: 1

Date of issue: 10 December 2021

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Type Designation	Airframe Modification	MTOW (kg)	Engine	Engine Modification	Muffler	Propeller	Regulation Amendment Chapter	Level dB(A)	Limit dB(A)	Notes	Record Number
PA-28-181	None	1,157	Lycoming IO-360-B4A	None	Piper None, (Tailpipe only P/N 85477-9 or 85477-11) Standard exhaust system	Sensenich 76EM8S14-0-62	Annex 16 Chapter 10 (10.4a)	77.7	85.3	None	C13732
PA-28-181	None	1,157	Lycoming IO-360-B4A	None	Piper P/N 85577-2 or 104628-002 Optional "low Noise" muffler system	Sensenich 76EM8S14-0-62	Annex 16 Chapter 10 (10.4a)	75.3	85.3	None	C13731
PA-28-181	None	1,157	Lycoming O-360-A4M	None	None	Sensenich 76EM8S14-0-62	Annex 16 Chapter 10 (10.4a)	77.7	85.3	Valid for S/N 2890206 through 2890231, and 2843001 and up	C5486
PA-28-181	None	1,157	Lycoming O-360-A4M	None	Piper P/N 104628-002	Sensenich 76EM8S14-0-62	Annex 16 Chapter 10 (10.4a)	77.7	85.3	Valid for S/N 2890206 through 2890231, and 2843001 and up	C11269
PA-28-181	None	1,157	Lycoming O-360-A4M	None	Piper P/N 85577-2	Sensenich 76EM8S14-0-62	Annex 16 Chapter 10 (10.4a)	75.3	85.3	Valid for S/N 2890206 through 2890231, and 2843001 and up	C5500

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## Administration

### I. Acronyms and Abbreviations

Acronym / Abbreviation	Definition
dB(A)	Maximum A-weighted noise level
Ed./Amend.	Edition/Amendment
MTOW	Maximum take-off weight
Regulation Annex 16/I	ICAO Annex 16 Volume I
TCDSN	Type Certificate Datasheet for Noise

### II. Type Certificate Holder Record

TCH Record	Period
Piper Aircraft, Inc. 2926 Piper Drive Vero Beach, Florida 32960 U.S.A.	Present. No changes.

### III. Amendment Record

TCDSN Issue No.	TCDSN Issue Date	Changes	TC Issue and Date
1	10 December 2021	Initial	Issue 1 10 December 2021