



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

Aviation Safety  
Minneapolis Certificate Management Section

6020 28th Avenue South Room 103  
Minneapolis, MN 55450-2700

March 14, 2024

Ms. Kelcy Schachle  
Airforms, LLC.  
3650 West Aviation Ave.  
Wasilla, Alaska 99654

Dear Ms. Schachle

In accordance with title 14, Code of Federal Regulations (14 CFR), part 21, "Certification Procedures for Products and Articles," subpart K, "Parts Manufacturer Approvals," the FAA has found that the design data, which Airforms, LLC. based on test and computation as submitted in your letter dated January 30, 2024, meet the airworthiness requirements of 14 CFR applicable to the products on which the articles are to be installed. Additionally, the FAA has determined that Airforms, LLC. has established the quality system required by § 21.307, "Quality system," at 3650 West Aviation Ave. Wasilla, Alaska 99654. Accordingly, the FAA hereby grants Parts Manufacturer Approval (PMA) to Airforms, LLC. for production of the replacement articles listed in the enclosed Supplement No. 83.

You are reminded that the provisions of 14 CFR parts 21 and 45, noted in our PMA letter of approval dated August 3, 2022, also apply to the enclosed PMA Listing—Supplement No. 83. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

Timothy L  
Mahoney

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Timothy L. Mahoney  
Date: 2024.03.19  
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for Richard E Greenlief  
Manager, Minneapolis Certificate Management Section  
Central Certificate Management Branch  
System Oversight Division  
Aircraft Certification Service

Enclosure  
PMA Listing—Supplement No. 83



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

Airforms LLC  
3650 W. Aviation Ave  
Wasilla, Alaska 99654

PMA No. PQ2644CE  
Supplement No. 83  
Dated: **March 14, 2024**

Page 1 of 4

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
LH FRONT BAFFLE ASSEMBLY	AF109018-001	109018-001	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 386 <u>Rev:</u> N/C <u>Date:</u> 12/9/23 or later FAA approved revisions	Piper Aircraft Inc.	PA-28-181
RH FRONT BAFFLE ASSEMBLY	AF109018-002	109018-002	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 386 <u>Rev:</u> N/C <u>Date:</u> 12/9/23 or later FAA approved revisions	Piper Aircraft Inc.	PA-28-181
RH REAR BAFFLE ASSEMBLY	AF109018-003	109018-003	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 386 <u>Rev:</u> N/C <u>Date:</u> 12/9/23 or later FAA approved revisions	Piper Aircraft Inc.	PA-28-181
LH REAR BAFFLE ASSEMBLY	AF109018-004	109018-004	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 386 <u>Rev:</u> N/C <u>Date:</u> 12/9/23 or later FAA approved revisions	Piper Aircraft Inc.	PA-28-181
RH FRONT ROCKER COVER BAFFLE ASSEMBLY	AF109018-009	109018-009	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 386 <u>Rev:</u> N/C <u>Date:</u> 12/9/23 or later FAA approved revisions	Piper Aircraft Inc.	PA-28-181
FRONT CENTER CLIP	AF109018-010	109018-010	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 386 <u>Rev:</u> N/C <u>Date:</u> 12/9/23 or later FAA approved revisions	Piper Aircraft Inc.	PA-28-181

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
LH REAR ROCKER COVER BAFFLE ASSEMBLY	AF109018-013	109018-013	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 386 <u>Rev:</u> N/C <u>Date:</u> 12/9/23 or later FAA approved revisions	Piper Aircraft Inc.	PA-28-181
REAR CENTER BRACKET	AF109018-016	109018-016	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 386 <u>Rev:</u> N/C <u>Date:</u> 12/9/23 or later FAA approved revisions	Piper Aircraft Inc.	PA-28-181
LH FRONT ROCKER COVER BAFFLE ASSEMBLY	AF109018-018	109018-018	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 386 <u>Rev:</u> N/C <u>Date:</u> 12/9/23 or later FAA approved revisions	Piper Aircraft Inc.	PA-28-181
RH REAR ROCKER COVER BAFFLE ASSEMBLY	AF109018-022	109018-022	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 386 <u>Rev:</u> N/C <u>Date:</u> 12/9/23 or later FAA approved revisions	Piper Aircraft Inc.	PA-28-181
SEAL	AF109018-0013	Modification Article	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 386 <u>Rev:</u> N/C <u>Date:</u> 12/9/23 or later FAA approved revisions	Piper Aircraft Inc.	PA-28-181
SEAL	AF109018-0014	Modification Article	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 386 <u>Rev:</u> N/C <u>Date:</u> 12/9/23 or later FAA approved revisions	Piper Aircraft Inc.	PA-28-181
SEAL	AF109018-0022	Modification Article	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 386 <u>Rev:</u> N/C <u>Date:</u> 12/9/23 or later FAA approved revisions	Piper Aircraft Inc.	PA-28-181
SEAL	AF109018-0032	Modification Article	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 386 <u>Rev:</u> N/C <u>Date:</u> 12/9/23 or later FAA approved revisions	Piper Aircraft Inc.	PA-28-181

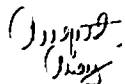
Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
SEAL	AF109018-0042	Modification Article	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 386 <u>Rev:</u> N/C <u>Date:</u> 12/9/23 or later FAA approved revisions	Piper Aircraft Inc.	PA-28-181
SEAL	AF109018-0043	Modification Article	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 386 <u>Rev:</u> N/C <u>Date:</u> 12/9/23 or later FAA approved revisions	Piper Aircraft Inc.	PA-28-181
SEAL	AF109018-0044	Modification Article	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 386 <u>Rev:</u> N/C <u>Date:</u> 12/9/23 or later FAA approved revisions	Piper Aircraft Inc.	PA-28-181
SEAL	AF109018-0092	Modification Article	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 386 <u>Rev:</u> N/C <u>Date:</u> 12/9/23 or later FAA approved revisions	Piper Aircraft Inc.	PA-28-181
SEAL	AF85485-0042	Modification Article	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 386 <u>Rev:</u> N/C <u>Date:</u> 12/9/23 or later FAA approved revisions	Piper Aircraft Inc.	PA-28-181
SEAL	AF109018-0182	Modification Article	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 386 <u>Rev:</u> N/C <u>Date:</u> 12/9/23 or later FAA approved revisions	Piper Aircraft Inc.	PA-28-181
SEAL	AF109018-0222	Modification Article	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 386 <u>Rev:</u> N/C <u>Date:</u> 12/9/23 or later FAA approved revisions	Piper Aircraft Inc.	PA-28-181

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
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NOTE 1: Provide minor design changes in a manner as determined by the ACO. Process major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.

NOTE 2: The FAA approved ICA for the above articles with their designs. These ICA may refer to those of the respective articles from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.



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Timothy L  
Mahoney

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Timothy L Mahoney  
Date: 2024.03.19  
14:16:48 -05'00'

For Gregory S. DiLibero  
Manager, West Certification Branch  
Compliance & Airworthiness Division  
Aircraft Certification Service

Richard E Greenlief  
Manager, Minneapolis Certificate Management Section  
Central Certificate Management Branch  
System Oversight Division