



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

Aviation Safety
Minneapolis Certificate Management Section

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

November 20, 2023

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 August 24, 2023, 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. 81.

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. 81. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

TIMOTHY LEE
MAHONEY

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TIMOTHY LEE MAHONEY
Date: 2023.11.21 12:37:40
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for Timothy L Bonderer
Manager, Minneapolis Certificate Management Section
Central Certificate Management Branch
System Oversight Division
Aircraft Certification Service

Enclosure
PMA Listing—Supplement No. 81



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. **81**
Dated: **November 20, 2023**

Page 1 of 2


Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
RH REAR BAFFLE ASSEMBLY	AF62383-03	62383-03	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 387 <u>Rev:</u> N/C <u>Date:</u> 08/24/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-28R-180
RH FWD CYLINDER WRAP BAFFLE ASSEMBLY	AF67622-00	67622-00	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 387 <u>Rev:</u> N/C <u>Date:</u> 08/24/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-28R-180
RH FWD FAIRING BAFFLE ASSEMBLY	AF67628-00	67628-00	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 387 <u>Rev:</u> N/C <u>Date:</u> 08/24/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-28R-180
RH REAR ROCKER COVER BAFFLE ASSEMBLY	AF67629-00	67629-00	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 387 <u>Rev:</u> N/C <u>Date:</u> 08/24/2023 or later FAA approved revisions	Piper Aircraft Inc.,	PA-28R-180
LH REAR ROCKER COVER BAFFLE ASSEMBLY	AF67630-00	67630-00	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 387 <u>Rev:</u> N/C <u>Date:</u> 08/24/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-28R-180
RH FWD ROCKER COVER BAFFLE ASSEMBLY	AF67631-00	67631-00	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 387 <u>Rev:</u> N/C <u>Date:</u> 08/24/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-28R-180

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
LH FWD ROCKER COVER BAFFLE ASSEMBLY	AF67632-00	67632-00	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 387 <u>Rev:</u> N/C <u>Date:</u> 08/24/2023 or later FAA approved revisions	Piper, Aircraft Inc.	PA-28R-180
LH FWD BAFFLE ASSEMBLY	AF67634-00	67634-00	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 387 <u>Rev:</u> N/C <u>Date:</u> 08/24/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-28R-180
LH REAR BAFFLE ASSEMBLY	AF67638-00	67638-00	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 387 <u>Rev:</u> N/C <u>Date:</u> 08/24/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-28R-180
BRACKET	AF63605-00	63605-00	Test and computations per 14 CFR § 21.303, <u>Dwg No:</u> MDL 387 <u>Rev:</u> N/C <u>Date:</u> 08/24/2023 or later FAA approved revisions	Piper Aircraft Inc.	PA-28R-180

-----END OF LISTING-----

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.

 Digitally signed by
AUGUST A ASAY
Date: 2023.11.14
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for Gregory S. DiLibero
Manager, West Certification Branch
Compliance & Airworthiness Division
Aircraft Certification Service

 Digitally signed by
TIMOTHY LEE MAHONEY
Date: 2023.11.21 12:34:11
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Timothy L. Bonderer
Manager, MSP/CHI Certificate Management Section
Central Certificate Management Branch
System Oversight Division