



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

Aviation Safety
Minneapolis Certificate Management Section

6020 28th Avenue South Room 101
Minneapolis, MN 55450-2700

June 16, 2025

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 April 1, 2025, 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 99645. Accordingly, the FAA hereby grants Parts Manufacturer Approval (PMA) to Airforms, LLC for production of the replacement articles listed in the enclosed Supplement No. 98.

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

Sincerely,

GEORGE
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CLIFTON

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For Kyri Zaroyiannis
Manager, Minneapolis Certificate Management Section
Central Certificate Management Branch
System Oversight Division
Aircraft Certification Service

Enclosure
PMA Listing—Supplement No. 98.



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

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Airforms LLC
3650 W. Aviation Ave
Wasilla, AK 99654

PMA No. PQ2644CE
Supplement No. 98
Date 6/16/2025

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
LH Rear Side Baffle Assembly	AF0555267-1	0555267-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555267-1 <u>Rev:</u> N/C <u>Date:</u> 2/11/2025 or later FAA-approved revisions	Textron Aviation Inc.	R172K, FR172K
LH Center Side Baffle Assembly	AF0555267-3	0555267-3	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555267-3 <u>Rev:</u> N/C <u>Date:</u> 2/11/2025 or later FAA-approved revisions	Textron Aviation Inc.	R172K, FR172K
LH Front Side Baffle Assembly	AF0555267-5	0555267-5	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555267-5 <u>Rev:</u> N/C <u>Date:</u> 2/11/2025 or later FAA-approved revisions	Textron Aviation Inc.	R172K, FR172K
RH Rear Side Baffle Assembly	AF0555281-2	0555281-2	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555281-2 <u>Rev:</u> N/C <u>Date:</u> 2/11/2025 or later FAA-approved revisions	Textron Aviation Inc.	R172K, FR172K
RH Center Side Baffle Assembly	AF0555281-4	0555281-4	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555281-4 <u>Rev:</u> N/C <u>Date:</u> 2/11/2025 or later FAA-approved revisions	Textron Aviation Inc.	R172K, FR172K

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
RH Front Side Baffle Assembly	AF0555281-6	0555281-6	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555281-6 <u>Rev:</u> N/C <u>Date:</u> 2/11/2025 or later FAA-approved revisions	Textron Aviation Inc.	R172K, FR172K
LH Front Baffle Assembly	AF0555276-1	0555276-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555276-1 <u>Rev:</u> N/C <u>Date:</u> 2/11/2025 or later FAA-approved revisions	Textron Aviation Inc.	R172K, FR172K
LH FWD Inboard Baffle Assy	AF0555274-2	0555274-2	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555274-2 <u>Rev:</u> N/C <u>Date:</u> 2/11/2025 or later FAA-approved revisions	Textron Aviation Inc.	R172K, FR172K
Cover	AF0555275-1	0555275-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555275-1 <u>Rev:</u> N/C <u>Date:</u> 2/11/2025 or later FAA-approved revisions	Textron Aviation Inc.	R172K, FR172K
RH Front Baffle Assembly	AF0555228-24	0555228-24	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555228-24 <u>Rev:</u> N/C <u>Date:</u> 2/11/2025 or later FAA-approved revisions	Textron Aviation Inc.	R172K, FR172K
Front Lower Baffle Assembly	AF0555228-25	0555228-25	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555228-25 <u>Rev:</u> N/C <u>Date:</u> 2/11/2025 or later FAA-approved revisions	Textron Aviation Inc.	R172K, FR172K
Fuel Pump Baffle Assembly	AF0555277-1	0555277-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555277-1 <u>Rev:</u> N/C <u>Date:</u> 2/11/2025 or later FAA-approved revisions	Textron Aviation Inc.	R172K, FR172K

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Fuel Pump Access Cover Baffle Assembly	AF0555278-1	0555278-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555278-1 <u>Rev:</u> N/C <u>Date:</u> 2/11/2025 or later FAA-approved revisions	Textron Aviation Inc.	R172K, FR172K
Baffle, Cylinder Head	AF630057E	Modification Article	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF630057E <u>Rev:</u> N/C <u>Date:</u> 1/01/2025 or later FAA-approved revisions	Textron Aviation Inc.	R172K, FR172K

-----End of Listing-----

GENERAL NOTES:

Provide minor design changes in a manner as determined by the cognizant FAA certification branch. Process major design changes to drawings and specifications in the same manner as that for an original FAA PMA.

The FAA accepted the instructions for continued airworthiness (ICA) approach 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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for Gregory S. DiLibero
Manager, West Certification Branch
Compliance & Airworthiness Division
Aircraft Certification Section

GEORGE ALLEN CLIFTON Digitally signed by
GEORGE ALLEN
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for Kyri Zaroyiannis, Manager
Minneapolis Certificate Management Section
Central Certificate Management Branch
Systems Oversight Division
Aircraft Certification Service