



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

Aviation Safety
Minneapolis Certificate Management Section

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

June 11, 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 April 3, 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. 88.

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

Sincerely,

Timothy L
Mahoney

Digitally signed by
Timothy L Mahoney
Date: 2024.06.13
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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. 88



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. 88
Date June 11, 2024

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
RH REAR BAFFLE ASSY	AF0509069-15	0509069-15 0509069-11	Test and Computations per 14 CFR 21.303 <u>MDL No:</u> 392 <u>Rev:</u> N/C <u>Date:</u> 04/02/24 or later FAA-approved revisions	Textron Aviation Inc.	172R, 172S
Seal	AF0509069-113	2455076-1	Test and Computations per 14 CFR 21.303 <u>MDL No:</u> 71-123-40-02 <u>Rev:</u> R <u>Date:</u> 01/01/24 or later FAA-approved revisions	Textron Aviation Inc.	172R, 172S
Seal	AF0509069-114	0509069-4	Test and Computations per 14 CFR 21.303 <u>MDL No:</u> 71-123-40-02 <u>Rev:</u> R <u>Date:</u> 01/01/24 or later FAA-approved revisions	Textron Aviation Inc.	172R, 172S
Seal	AF0509070-83	0509070-4	Test and Computations per 14 CFR 21.303 <u>MDL No:</u> 71-123-40-02 <u>Rev:</u> R <u>Date:</u> 01/01/24 or later FAA-approved revisions	Textron Aviation Inc.	172Q, 172R, 172S
Seal	AF0509071-13	0509071-2	Test and Computations per 14 CFR 21.303 <u>MDL No:</u> 71-123-40-02 <u>Rev:</u> R <u>Date:</u> 01/01/24 or later FAA-approved revisions	Textron Aviation Inc.	172Q, 172R, 172S

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Seal	AF0509072-13	0509072-4	Test and Computations per 14 CFR 21.303 <u>MDL No:</u> 71-123-40-02 <u>Rev:</u> R <u>Date:</u> 01/01/24 or later FAA-approved revisions	Textron Aviation Inc.	172Q, 172R, 172S
Seal	AF0555318-3	0509073-6	Test and Computations per 14 CFR 21.303 <u>MDL No:</u> 71-123-40-02 <u>Rev:</u> R <u>Date:</u> 01/01/24 or later FAA-approved revisions	Textron Aviation Inc.	172R, 172S
Seal	AF0555250-132	0555250-7, 0555250-19, 0555331-1	Test and Computations per 14 CFR 21.303 <u>MDL No:</u> 71-123-40-02 <u>Rev:</u> R <u>Date:</u> 01/01/24 or later FAA-approved revisions	Textron Aviation Inc.	172R, 172S
Seal	AF0555250-135	0555250-6, 0555250-18	Test and Computations per 14 CFR 21.303 <u>MDL No:</u> 71-123-40-02 <u>Rev:</u> R <u>Date:</u> 01/01/24 or later FAA-approved revisions	Textron Aviation Inc.	172R, 172S
Seal	AF0555250-136	0555250-5, 0555250-17	Test and Computations per 14 CFR 21.303 <u>MDL No:</u> 71-123-40-02 <u>Rev:</u> R <u>Date:</u> 01/01/24 or later FAA-approved revisions	Textron Aviation Inc.	172R, 172S
Seal	AF0555259-204	0555259-10, 0555259-25	Test and Computations per 14 CFR 21.303 <u>MDL No:</u> 71-123-40-02 <u>Rev:</u> R <u>Date:</u> 01/01/24 or later FAA-approved revisions	Textron Aviation Inc.	172R, 172S
Seal	AF0555259-203	0555259-11, 0555259-26	Test and Computations per 14 CFR 21.303 <u>MDL No:</u> 71-123-40-02 <u>Rev:</u> R <u>Date:</u> 01/01/24 or later FAA-approved revisions	Textron Aviation Inc.	172R, 172S


Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Seal	AF0555259-202	0555259-12, 0555259-27	Test and Computations per 14 CFR 21.303 <u>MDL No:</u> 71-123-40-02 <u>Rev:</u> R <u>Date:</u> 01/01/24 or later FAA-approved revisions	Textron Aviation Inc.	172Q, 172R, 172S
Seal	AF0555215-5	0509074-2	Test and Computations per 14 CFR 21.303 <u>MDL No:</u> 71-123-40-02 <u>Rev:</u> R <u>Date:</u> 01/01/24 or later FAA-approved revisions	Textron Aviation Inc.	172Q, 172R, 172S

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

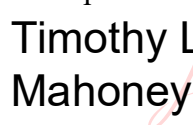
GENERAL NOTES:

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.

 Digitally signed by
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for Gregory S. DiLibero
Manager, West Certification Branch
Compliance and Airworthiness Division
Aircraft Certification Service

 Digitally signed by
Timothy L Mahoney
Date: 2024.06.13
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for Richard E. Greenlief
Manager, Minneapolis Certificate Management Section
Central Certificate Management Branch
System Oversight Division
Aircraft Certification Service