



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 24, 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 May 24, 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. 89.

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. 89. 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: 2024.06.25
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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. 89



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. 89
Date June 24, 2024

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
FWD Center Oil Sump Baffle	AF0555189-6	0555189-6	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555189-6 <u>Rev:</u> N/C <u>Date:</u> 05/22/2024 or later FAA-approved revisions	Textron Aviation Inc.	172G, 172H (USAF T-41A), F172G, F172H
RH Rear Baffle	AF0555181-14	0555181-14	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555181-14 <u>Rev:</u> N/C <u>Date:</u> 05/22/2024 or later FAA-approved revisions	Textron Aviation Inc.	172H (USAF T-41A), F172H
Seal	AF0555179-13	Modification Article	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555179-13 <u>Rev:</u> N/C <u>Date:</u> 08/03/2022 or later FAA-approved revisions	Textron Aviation Inc.	172B, 172C, 172D, 172E, 172F (USAF T-41A), F172D, F172E, F172F
Seal	AF0555179-14	Modification Article	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555179-14 <u>Rev:</u> N/C <u>Date:</u> 08/03/2022 or later FAA-approved revisions	Textron Aviation Inc.	172B, 172C, 172D, 172E, 172F (USAF T-41A), F172D, F172E, F172F
Seal	AF0555179-24	Modification Article	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555179-24 <u>Rev:</u> N/C <u>Date:</u> 08/03/2022 or later FAA-approved revisions	Textron Aviation Inc.	172B, 172C, 172D, 172E, 172F (USAF T-41A), F172D, F172E, F172F

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Seal	AF0555179-25	Modification Article	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555179-25 <u>Rev:</u> N/C <u>Date:</u> 08/03/2022 or later FAA-approved revisions	Textron Aviation Inc.	172B, 172C, 172D, 172E, 172F (USAF T-41A), F172D, F172E, F172F
Seal	AF0555179-16	Modification Article	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555179-16 <u>Rev:</u> N/C <u>Date:</u> 08/24/2023 or later FAA-approved revisions	Textron Aviation Inc.	172G, 172H (USAF T-41A), F172G, F172H
Seal	AF0555179-26	Modification Article	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555179-26 <u>Rev:</u> N/C <u>Date:</u> 08/24/2023 or later FAA-approved revisions	Textron Aviation Inc.	172G, 172H (USAF T-41A), F172G, F172H
Seal	AF0555180-11	Modification Article	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555180-11 <u>Rev:</u> N/C <u>Date:</u> 08/03/22 or later FAA-approved revisions	Textron Aviation Inc.	172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), F172D, F172E, F172F, F172G, F172H, F172K
Seal	AF0555180-21	Modification Article	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555180-21 <u>Rev:</u> N/C <u>Date:</u> 08/03/22 or later FAA-approved revisions	Textron Aviation Inc.	172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), F172D, F172E, F172F, F172G, F172H, F172K
Seal Plate	AF0555180-22	Modification Article	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555180-22 <u>Rev:</u> N/C <u>Date:</u> 08/03/22 or later FAA-approved revisions	Textron Aviation Inc.	172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), F172D, F172E, F172F, F172G, F172H, F172K
Seal	AF0555181-12	Modification Article	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555180-12 <u>Rev:</u> N/C <u>Date:</u> 08/03/22 or later FAA-approved revisions	Textron Aviation Inc.	172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), F172D, F172E, F172F, F172G, F172H, F172K

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Seal	AF0555181-15	Modification Article	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555180-15 <u>Rev:</u> N/C <u>Date:</u> 08/03/22 or later FAA-approved revisions	Textron Aviation Inc.	172B, 172C, 172D, 172E, 172F, 172G, 172H, F172D, F172E, F172F (USAF T-41A), F172G, F172H (USAF T-41A), F172K
Seal	AF0555181-16	Modification Article	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555180-16 <u>Rev:</u> N/C <u>Date:</u> 08/03/22 or later FAA-approved revisions	Textron Aviation Inc.	172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), F172D, F172E, F172F, F172G, F172H, F172K
Seal	AF0555181-133	Modification Article	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555180-133 <u>Rev:</u> N/C <u>Date:</u> 08/03/22 or later FAA-approved revisions	Textron Aviation Inc.	172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), F172D, F172E, F172F, F172G, F172H
Seal	AF0555181-134	Modification Article	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555180-134 <u>Rev:</u> N/C <u>Date:</u> 08/03/22 or later FAA-approved revisions	Textron Aviation Inc.	172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), F172D, F172E, F172F, F172G, F172H
Seal	AF0555181-112	Modification Article	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555180-112 <u>Rev:</u> N/C <u>Date:</u> 08/03/22 or later FAA-approved revisions	Textron Aviation Inc.	172B, 172C
Seal	AF0555189-13	Modification Article	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555189-13 <u>Rev:</u> A <u>Date:</u> 01/01/2024 or later FAA-approved revisions	Textron Aviation Inc.	172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H, (USAF T-41A) F172D, F172E, F172F, F172G, F172H
Seal	AF0555189-14	Modification Article	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> AF0555189-14 <u>Rev:</u> N/C <u>Date:</u> 08/03/2022 or later FAA-approved revisions	Textron Aviation Inc.	172B, 172C, 172D, 172E, 172F (USAF T-41A), F172D, F172E, F172F

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

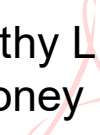
GENERAL NOTES:

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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Date: 2024.06.14
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for Gregory S. DiLibero
Manager, West Certification Branch
Compliance and Airworthiness Division
Aircraft Certification Service

Timothy L Mahoney  Digitally signed by
Timothy L Mahoney
Date: 2024.06.25
12:33:12 -05'00'

for Richard E. Greenlief
Manager, Minneapolis Certificate Management Section
Central Certificate Management Branch
System Oversight Division
Aircraft Certification Service