



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

Aviation Safety
Minneapolis Certificate Management Section

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

February 11, 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 November 19, 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 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. 97.

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

Sincerely,

TIMOTHY LEE Digitally signed by
TIMOTHY LEE MAHONEY
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MAHONEY

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

Enclosure
PMA Listing—Supplement No. 97.



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. 97
Date 2/11/2025

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
RH Rear Baffle Assembly	AF38737-02-SCSM	38737-02	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-301, PA-32R-301
RH Rear Baffle Assembly	AF38737-02-LCSM	38737-02	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-301, PA-32R-301
RH Rear Baffle Assembly	AF38737-02-SCLM	38737-02	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-301, PA-32R-301
RH Rear Baffle Assembly	AF38737-02-LCLM	38737-02	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-301, PA-32R-301
RH Rear Baffle Assembly	AF38737-02-LCSM	68030-10	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300
RH Rear Baffle Assembly	AF38737-02-LCLM	68030-10	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Rh Rear Baffle Assembly	AF68030-10	68030-10	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
Rh Rear Baffle Assembly	AF68030-10-SCLM	68030-10	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
Rear Center Baffle Assembly	AF38738-02-SM	38738-02	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-301
Rear Center Baffle Assembly	AF38738-02-LM	38738-02	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-301
Rear Center Baffle Assembly	AF38738-02-SM	68031-05	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32-301
Rear Center Baffle Assembly	AF38738-02-LM	68031-05	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32-301
Rear Center Baffle Assembly	AF38738-05-SM, AF38738-05-LM	38738-05	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32R-300, PA-32R-301
Rear Center Baffle Assembly	AF38738-05-LM	38738-05	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32R-300, PA-32R-301
Rear Center Baffle Assembly	AF38738-05-SM	68031-07	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32R-301, PA-32RT-300

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Rear Center Baffle Assembly	AF38738-05-LM	68031-07	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32R-301, PA-32RT-300
LH Rear Baffle Assembly	AF38739-02-SCSM	AF38739-02	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-301, PA-32R-301
LH Rear Baffle Assembly	AF38739-02-LCSM	AF38739-02	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-301, PA-32R-301
LH Rear Baffle Assembly	AF38739-02-SCLM	AF38739-02	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-301, PA-32R-301
LH Rear Baffle Assembly	AF38739-02-LCLM	AF38739-02	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-301, PA-32R-301
LH Rear Baffle Assembly	AF38739-02-LCSM	68029-09	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300
LH Rear Baffle Assembly	AF38739-02-SCLM	68029-09	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300
LH Rear Baffle Assembly	AF38739-02-LCLM	68029-09	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300
LH Rear Baffle Assembly	AF68029-09	68029-09	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Left Side Rear Baffle Assembly	AF68830-00	68830-00	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
Left Side Center Baffle Assembly	AF68831-00	68831-00	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
Left Side Front Baffle Assembly	AF68832-00	68832-00	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
Right Side Rear Baffle Assembly	AF68833-00	68833-00	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32-301
Right Side Rear Baffle Assembly	AF68833-05	68833-05	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32R-300, PA-32R-301, PA-32RT-300
Right Side Center Baffle Assembly	AF68834-00	68834-00	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
Right Side Front Baffle Assembly	AF68835-00	68835-00	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
LH Front Baffle Assembly	AF87524-04	87524-04	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32R-301
LH Front Bracket	AF87524-042	Modification Article	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32R-301

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
RH Front Baffle Assembly	AF87526-02	87526-02	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32R-301
LH Front Baffle Assembly	AF99766-00	99766-00	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
LH FWD Cover Baffle Assembly	AF99769-00	99769-00	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
RH Front Baffle Assembly	AF99778-00	99778-00, 99778-03	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
RH Front Baffle Assembly	AF99776-00	99776-00	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
RH Front Cylinder Baffle Assembly	AF99781-00	99781-00	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
Seal	AF38738-024-LM	Modification Article	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
Seal	AF38739-026	Modification Article	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-301, PA-32R-301
Seal	AF68029-093	Modification Article	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Seal	AF68031-052	Modification Article	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
Seal	AF68830-002	Modification Article	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
Seal	AF68831-002	Modification Article	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
Seal	AF68832-002	Modification Article	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
Seal	AF68833-002	Modification Article	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
Seal	AF68834-002	Modification Article	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
Seal	AF68835-002	Modification Article	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
Seal	AF87524-043	Modification Article	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32R-301
Seal	AF87524-044	Modification Article	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32R-301

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Seal	AF99766-003	Modification Article	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
Seal	AF99769-002	Modification Article	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301
Seal	AF99776-002	Modification Article	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32R-301
Seal	AF99778-002	Modification Article	Test and Computations per 14 CFR 21.303 <u>MDL No: 397</u> <u>Rev: N/C</u> <u>Date: 11/12/2024 or later</u> FAA-approved revisions	Piper Aircraft Inc.	PA-32-300, PA-32R-300, PA-32RT-300, PA-32-301, PA-32R-301

-----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 and Airworthiness Division
Aircraft Certification Service

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TIMOTHY LEE MAHONEY
Date: 2025.02.12 06:19:10
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for Kyri Zaroyiannis
Manager, Minneapolis Certificate Management
Section
Central Certificate Management Branch
System Oversight Division
Aircraft Certification Service