



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

Aircraft Certification Service
Small Airplane Directorate
Anchorage Aircraft Certification Office
222 W. 7th Ave, #14
Anchorage, AK 99513-7587

January 17, 2014

Mr. Kyle Taylor
Airforms, Inc.
P.O. Box 521795
Big Lake, AK, 99652

Dear Mr. Taylor:

This is in response to your letter, dated January 7, 2014, requesting Parts Manufacturer Approval (PMA) for replacement engine baffles on Piper PA-28-236 per Master Drawing List (MDL) No. 315, Revision E, dated December 23, 2013..

We reviewed the drawings and data submitted and concur with your statement of compliance as required by Title 14 Code of Federal Regulations section 21.303(a)(5). We sent your application to the Minneapolis Manufacturing Inspection District Office (MIDO), 6020 28th Avenue South, Room 103, Minneapolis, MN 55450-2700. The MIDO will grant production approval after validating your quality system. The FAA-PMA letter and PMA supplement from the MIDO will document and set the scope of your approval, respectively.

Sincerely,

August A. Asay
Manager, Anchorage Aircraft Certification Office



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

Small Airplane Directorate
Manufacturing Inspection District Office
6020 28th Avenue South, Room 103
Minneapolis, Minnesota 55450-2700

February 11, 2014

Mrs. Kelcy Schachle
Airforms, Inc.
P.O. Box 521795
Big Lake, Alaska 99652

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Dear Ms. Schachle:

In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR), part 21, Certification Procedures for Products, Articles, and Parts, subpart K, the FAA has found that the design data, based on the Test and Computations approval letter from the FAA Anchorage Aircraft Certification Office, dated January 17, 2014, with your request letter dated January 29, 2014, meet the airworthiness requirements of the regulations applicable to the products on which the articles are to be installed. Additionally, the FAA has determined that Airforms, Inc. has established the quality system required by § 21.307 at 1166 Tom Parkers Way, Big Lake, Alaska. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 19, dated February 11, 2014.

You are reminded that the provisions of 14 CFR, parts 21 and 45, noted in our PMA letter of approval dated January 22, 2010, also apply to the enclosed PMA Listing-Supplement No. 19. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

Timothy L. Bonderer
Manager, Minneapolis MIDO

Enclosure: PMA Supplement No. 19

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Airforms, Inc.
1166 Tom Parkers Way
Big Lake, Alaska 99652

PMA No. PQ2644CE
Supplement No. 19
Date: FEB 11 2014

Part Name	Part Number	Approved Replacement For	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
ROCKER COVER BAFFLE	AF65102-03	65102-03	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 315 <u>Rev:</u> E <u>Date:</u> 12/23/13 or later FAA approved revisions	Piper	PA-28-236 S/N 28-7911001 through 28-8611008; 2811001 through 2811050; and 2845001 and up
ROCKER COVER BAFFLE	AF65101-02	65101-02	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 315 <u>Rev:</u> E <u>Date:</u> 12/23/13 or later FAA approved revisions	Piper	PA-28-236 S/N 28-7911001 through 28-8611008; 2811001 through 2811050; and 2845001 and up
ROCKER COVER BAFFLE	AF65100-02	65100-02	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 315 <u>Rev:</u> E <u>Date:</u> 12/23/13 or later FAA approved revisions	Piper	PA-28-236 S/N 28-7911001 through 28-8611008; 2811001 through 2811050; and 2845001 and up
ROCKER COVER BAFFLE	AF65099-03	65099-03	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 315 <u>Rev:</u> E <u>Date:</u> 12/23/13 or later FAA approved revisions	Piper	PA-28-236 S/N 28-7911001 through 28-8611008; 2811001 through 2811050; and 2845001 and up

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Part Name	Part Number	Approved Replacement For	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
ROCKER COVER BAFFLE	AF65098-02	65098-02	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 315 <u>Rev:</u> E <u>Date:</u> 12/23/13 or later FAA approved revisions	Piper	PA-28-236 S/N 28-7911001 through 28-8611008; 2811001 through 2811050; and 2845001 and up
ROCKER COVER BAFFLE	AF65097-02	65097-02	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 315 <u>Rev:</u> E <u>Date:</u> 12/23/13 or later FAA approved revisions	Piper	PA-28-236 S/N 28-7911001 through 28-8611008; 2811001 through 2811050; and 2845001 and up
RH FRONT BAFFLE	AF99577-02	99577-02	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 315 <u>Rev:</u> E <u>Date:</u> 12/23/13 or later FAA approved revisions	Piper	PA-28-236 S/N 28-7911001 through 28-8611008; 2811001 through 2811050; and 2845001 and up
REAR CENTER BAFFLE	AF35932-02	35932-02	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 315 <u>Rev:</u> E <u>Date:</u> 12/23/13 or later FAA approved revisions	Piper	PA-28-236 S/N 28-7911001 through 28-8611008; 2811001 through 2811050; and 2845001 and up
RH FRONT BAFFLE	AF35926-06	35926-06	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 315 <u>Rev:</u> E <u>Date:</u> 12/23/13 or later FAA approved revisions	Piper	PA-28-236 S/N 28-7911001 through 28-8611008; 2811001 through 2811050; and 2845001 and up

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Big Lake, Alaska 99652

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Part Name	Part Number	Approved Replacement For	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
LH REAR BAFFLE	AF65030-07	65030-07	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 315 <u>Rev:</u> E <u>Date:</u> 12/23/13 or later FAA approved revisions	Piper	PA-28-236 S/N 28-7911001 through 28-8611008; 2811001 through 2811050; and 2845001 and up
RH REAR BAFFLE	AF35945-02	35945-02	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 315 <u>Rev:</u> E <u>Date:</u> 12/23/13 or later FAA approved revisions	Piper	PA-28-236 S/N 28-7911001 through 28-8611008; 2811001 through 2811050; and 2845001 and up

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PMA No. PQ2644CE
Supplement No. 19
Date: FEB 11 2014

Part Name	Part Number	Approved Replacement For	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
LH FRONT BAFFLE	AF68054-04	68054-04	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 315 <u>Rev:</u> E <u>Date:</u> 12/23/13 or later FAA approved revisions	Piper	PA-28-236 S/N 28-7911001 through 28-8611008; 2811001 through 2811050; and 2845001 and up

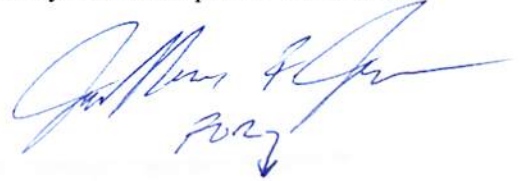
-----End of Listing-----

NOTE 1: Provide minor design changes in a manner as determined by the ACO. Handle 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 parts with their designs. These ICA may refer to those of the respective parts from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement parts. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.



August A. Asay
Manager, Anchorage Aircraft Certification Office



Timothy L. Bonderer
Manager, Minneapolis MIDO