



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 18, 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 February 12, 2014, with your request letter dated February 14, 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. 20, dated February 18, 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. 20. 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. 20

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No.: PQ2644CE
Supplement No. **20**
Date: FEB 18 2014

| Part Name | Part Number | Approved Replacement For | Approval Basis and Approved Design Data | Make Eligibility | Model Eligibility |
|---------------------|-------------|--------------------------|--|------------------|---|
| BAFFLE ASSEMBLY | AF35341-002 | 35341-02 | Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 341 <u>Rev:</u> C <u>Date:</u> 1/3/14 or later FAA approved revisions | Piper | PA-28-161 S/N: 28-7816001 thru 28-8616057 2816001 thru 2816119 2841001 thru 2841365 2842001 and on. |
| BAFFLE ASSEMBLY | AF35342-006 | 35342-06 | Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 341 <u>Rev:</u> C <u>Date:</u> 1/3/14 or later FAA approved revisions | Piper | PA-28-151 S/N: 28-7415001 thru 28-7715314 PA-28-161 S/N: 28-7716001 thru 28-7716323 28-7816001 thru 28-8616057 2816001 thru 2816119 2841001 thru 2841365 2842001 and on. |
| ROCKER COVER BAFFLE | AF35343-000 | 35343-00 | Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 341 <u>Rev:</u> C <u>Date:</u> 1/3/14 or later FAA approved revisions | Piper | PA-28-151 S/N: 28-7415001 thru 28-7715314 PA-28-161 S/N: 28-7716001 thru 28-8616057 2816001 thru 2816119 2841001 thru 2841365 2842001 and on. |

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|---------------------|-------------|--------------------------|--|------------------|---|
| ROCKER COVER BAFFLE | AF35344-000 | 35344-00 | Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 341 <u>Rev:</u> C <u>Date:</u> 1/3/14 or later FAA approved revisions | Piper | PA-28-151 S/N: 28-7415001 thru 28-7715314 PA-28-161 S/N: 28-7716001 thru 28-8616057 2816001 thru 2816119 2841001 thru 2841365 2842001 and on. |
| ROCKER COVER BAFFLE | AF35345-004 | 35345-04 | Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 341 <u>Rev:</u> C <u>Date:</u> 1/3/14 or later FAA approved revisions | Piper | PA-28-161 S/N: 28-8116176; 28-8316001 thru 28-8616057 2816001 thru 2816119 2841001 thru 2841365 2842001 and on. |
| ROCKER COVER BAFFLE | AF35346-000 | 35346-00 | Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 341 <u>Rev:</u> C <u>Date:</u> 1/3/14 or later FAA approved revisions | Piper | PA-28-151 S/N: 28-7415001 thru 28-7715314 PA-28-161 S/N: 28-7716001 thru 28-8616057 2816001 thru 2816119 2841001 thru 2841365 2842001 and on. |
| BAFFLE ASSEMBLY | AF35490-002 | 35490-02 | Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 341 <u>Rev:</u> C <u>Date:</u> 1/3/14 or later FAA approved revisions | Piper | PA-28-161 S/N: 28-7816001 thru 28-8616057 2816001 thru 2816119 2841001 thru 2841365 2842001 and on. |

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|-----------------|-------------|--------------------------|--|------------------|---|
| BAFFLE ASSEMBLY | AF35399-011 | 35399-08 | Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 341 <u>Rev:</u> C <u>Date:</u> 1/3/14 or later FAA approved revisions | Piper | PA-28-161 S/N: 28-8116176; 28-8316001 thru 28-8616057 2816001 thru 2816119 2841001 thru 2841365 2842001 and on. |
| BAFFLE ASSEMBLY | AF35412-000 | 35412-00 | Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 341 <u>Rev:</u> C <u>Date:</u> 1/3/14 or later FAA approved revisions | Piper | PA-28-151 S/N: 28-7415001 thru 28-7715314 PA-28-161 S/N: 28-7716001 thru 28-8616057 2816001 thru 2816119 2841001 thru 2841365 2842001 and on. |

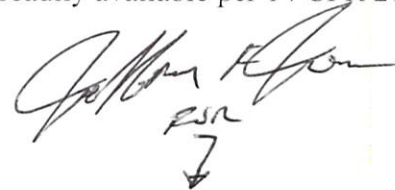
-----End of Listing-----

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