



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

March 26, 2012

Mr. Levi Ward  
Airforms, Inc.  
P.O. Box 521795  
1166 Tom Parker Way  
Big Lake, Alaska 99652

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Dear Mr. Ward:

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 Anchorage Aircraft Certification Office (ACO) letter dated March 12, 2012 and on your letter dated March 20, 2012, 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 Parker Way, Big Lake, Alaska. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 11, dated March 26, 2012.

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

Sincerely,

Richard P. Warren  
Manager, Minneapolis MIDO

Enclosure: Supplement No. 11



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**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

Airforms, Inc.  
1166 Tom Parker Way  
Big lake, Alaska 99652

PMA NO. PQ2644CE  
SUPPLEMENT NO. 11  
DATED: March 26, 2012

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Article Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
Bracket	AF63605-00	63605-000	Test and Computations per 14 CFR § 21.303 (c)(4), <u>Dwg No:</u> AF63605-00 <u>Rev:</u> A <u>Date:</u> 9/28/2011*	Piper Aircraft, Inc.	PA-28-181 MK 3 S/N: 2843001 and subsequent
Rocker Cover Baffle	AF85485-002	85485-002	Test and Computations per 14 CFR § 21.303 (c)(4), <u>Dwg No:</u> AAF85485-002 <u>Rev:</u> Original <u>Date:</u> 10/28/2009*	Piper Aircraft, Inc.	PA-28-181 MK 3 S/N: 2843001 and subsequent
Rocker Cover Baffle	AF85485-004	85485-004	Test and Computations per 14 CFR § 21.303 (c)(4), <u>Dwg No:</u> AF85485-004 <u>Rev:</u> Original <u>Date:</u> 10/28/2009*	Piper Aircraft, Inc.	PA-28-181 MK 3 S/N: 2843001 and subsequent
Rocker Cover Baffle	AF85485-014	85485-014	Test and Computations per 14 CFR § 21.303 (c)(4), <u>Dwg No:</u> AF85485-014 <u>Rev:</u> Original <u>Date:</u> 10/28/2009*	Piper Aircraft, Inc.	PA-28-181 MK 3 S/N: 2843001 and subsequent
Rocker Cover Baffle	AF85485-015	85485-015	Test and Computations per 14 CFR § 21.303 (c)(4), <u>Dwg No:</u> AF85485-015 <u>Rev:</u> Original <u>Date:</u> 10/28/2009*	Piper Aircraft, Inc.	PA-28-181 MK 3 S/N: 2843001 and subsequent
RT Front Baffle	AF85486-003	85486-003	Test and Computations per 14 CFR § 21.303 (c)(4), <u>Dwg No:</u> AF85486-003 Page 1 & 2 of 2 <u>Rev:</u> Original <u>Date:</u> 10/28/2009*	Piper Aircraft, Inc.	PA-28-181 MK 3 S/N: 2843001 and subsequent

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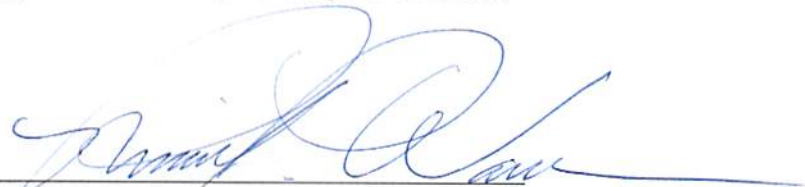
Article Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
LH Rear Baffle	AF85487-002	85487-002	Test and Computations per 14 CFR § 21.303 (c)(4), <u>Dwg No:</u> AF85487-002 Page 1 & 2 of 2 <u>Rev:</u> Original <u>Date:</u> 10/29/2009*	Piper Aircraft, Inc.	PA-28-181 MK 3 S/N: 2843001 and subsequent
RH Rear Baffle	AF85487-003	85487-003	Test and Computations per 14 CFR § 21.303 (c)(4), <u>Dwg No:</u> AF85487-003 Page 1 & 2 of 2 <u>Rev:</u> Original <u>Date:</u> 10/29/2009*	Piper Aircraft, Inc.	PA-28-181 MK 3 S/N: 2843001 and subsequent

-----END OF LISTING-----

NOTE 1: (\*) Denotes "Or Later, FAA Approved Revisions"

NOTE 2: 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 3: 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.



**Richard P. Warren**  
Manager, Minneapolis MIDO