



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

June 8, 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's (ACO) letter dated April 13, 2012, with your letter dated May 1, 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 99652. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 12, dated June 8, 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. 12. 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. 12



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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

PMA NO. PQ2644CE
SUPPLEMENT NO. 12
DATED: June 8, 2012

Page 1 of 3

Article Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
Rocker Cover Baffle	AF23789-00	23789-00	Test and Computations per 14 CFR 21.303(c)(4). <u>Drawing No.</u> AF23789-00 <u>Rev:</u> A <u>Dated:</u> 2-28-12*	Piper Aircraft, Inc.	PA-30 S/N: 30-1 through 30-2000 PA-39 S/N: 39-1 through 39-162
Baffle Assembly	AF23807-12	23807-12	Test and Computations per 14 CFR 21.303(c)(4). <u>Drawing No.</u> AF23807-12 Two Sheets <u>Rev:</u> Original <u>Dated:</u> 12/14/11*	Piper Aircraft, Inc.	PA-30 S/N: 30-1 through 30-2000 PA-39 S/N: 39-1 through 39-162
Baffle Assembly	AF23849-04	23849-04	Test and Computations per 14 CFR 21.303(c)(4). <u>Drawing No.</u> AF23849-04 Page 1 of 2 <u>Rev:</u> Original <u>Dated:</u> 12/29/11* <u>Drawing No.</u> AF23789-00 → AF23849-04 Page 2 of 2 <u>Rev:</u> Original <u>Dated:</u> 12/14/11*	Piper Aircraft, Inc.	PA-30 S/N: 30-1 through 30-2000 PA-39 S/N: 39-1 through 39-162
Rocker Cover Baffle	AF23854-00	23854-00	Test and Computations per 14 CFR 21.303(c)(4). <u>Drawing No.</u> AF23854-00 <u>Rev:</u> Original <u>Dated:</u> 12/29/11*	Piper Aircraft, Inc.	PA-30 S/N: 30-1 through 30-2000 PA-39 S/N: 39-1 3 through 9-162
Baffle Assembly	AF23860-00	23860-00	Test and Computations per 14 CFR 21.303(c)(4). <u>Drawing No.</u> AF23860-00 <u>Rev:</u> A <u>Dated:</u> 2-28-12*	Piper Aircraft, Inc.	PA-30 S/N: 30-2 through 30-1716 inclusive, 30-1718 through 30-1744 inclusive
Rocker Cover Baffle	AF23864-00		Test and Computations per 14 CFR 21.303(c)(4). <u>Drawing No.</u> AF23860-00 <u>Rev:</u> Original <u>Dated:</u> 12-29-11*	Piper Aircraft, Inc.	PA-30 S/N: 30-1 through 30-2000 PA-39 S/N: 39-1 through 39-162

PMA NO. PQ2644CE
SUPPLEMENT NO. 12
DATED: June 8, 2012

Page 2 of 3

Article Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
Baffle Assembly	AF23866-04	23866-04	Test and Computations per 14 CFR 21.303(c)(4) <u>Drawing No.</u> AF23866-04 <u>Rev:</u> A <u>Dated:</u> 2-28-12*	Piper Aircraft, Inc.	PA-30 S/N: 30-1 through 30-2000 PA-39 S/N: 39-1 through 39-162
Rocker Cover Baffle	AF23907-00		Test and Computations per 14 CFR 21.303(c)(4) <u>Drawing No.</u> AF23907-00 <u>Rev:</u> Original <u>Dated:</u> 12/14/11*	Piper Aircraft, Inc.	PA-30 S/N: 30-1 through 30-2000 PA-39 S/N: 39-1 through 39-162
Baffle Assembly	AF23907-07	23907-07	Test and Computations per 14 CFR 21.303(c)(4) <u>Drawing No.</u> AF23907-07 Page 1 of 2 <u>Rev:</u> Original <u>Dated:</u> 12/29/11* <u>Drawing No.</u> AF23907-07 Page 2 of 2 <u>Rev:</u> A <u>Dated:</u> 2-25-12*	Piper Aircraft, Inc.	PA-30 S/N: 30-1 through 30-2000 PA-39 S/N: 39-1 through 39-162
Baffle Assembly	AF23977-09	23977-09	Test and Computations per 14 CFR 21.303(c)(4) <u>Drawing No.</u> AF23977-09 Page 1 of 2 <u>Rev:</u> A <u>Dated:</u> 2-28-12* Test and Computations per 14 CFR 21.303(c)(4) <u>Drawing No.</u> AF23977-09 Page 2 of 2 <u>Rev:</u> Original <u>Dated:</u> 12/29/11*	Piper Aircraft, Inc.	PA-30 S/N: 30-1 through 30-2000 PA-39 S/N: 39-1 through 39-162

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

PMA NO. PQ2644CE
SUPPLEMENT NO. 12
DATED: June 8, 2012

Page 3 of 3

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

NOTE 2: The procedures that have been accepted by the type certificate or TSO authorization holder and their cognizant FAA Aircraft Certification Office, for minor changes to original parts used on type-certificated products, are also acceptable for incorporating the same minor changes on identical PMA replacement parts. The PMA holder must be able to show traceability relating to the TC, STC, or TSO authorization holder on all minor changes incorporated by this procedure. When these procedures are no longer applicable because of completion of the production contract, or termination of the licensing agreement or business relationship, all subsequent minor design changes to the PMA articles must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR §§ 21.319) to drawings and specifications are to be handled in the same manner as that for an original 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.

A handwritten signature in blue ink, appearing to read "Richard P. Warren", is written over a horizontal line.

Richard P. Warren
Manager, Minneapolis MIDO



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

August 14, 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 Test and Computation from the Anchorage, Aircraft Certification Office's (ACO) letter dated July 30, 2012, with your letter dated June 22, 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 99652. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed amended Supplement No. 12, dated August 14, 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 amended PMA Listing-Supplement No. 12. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned. Please return to our office, the superseded FAA-PMA Supplement No. 12, dated June 8, 2012.

Sincerely,

Richard P. Warren
Manager, Minneapolis MIDO

Enclosure: Amended Supplement No. 12



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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

PMA NO. PO2644CE
SUPPLEMENT NO. 12
DATED: August 14, 2012

Supersedes PMA Supplement No. 12 dated June 8, 2012

Page 1 of 2

Article Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
Rocker Cover Baffle	AF23789-00	23789-00	Test and Computations per 14 CFR 21.303 <u>Drawing No.</u> MDL334 <u>Rev:</u> B <u>Dated:</u> 02/28/2012*	Piper Aircraft, Inc.	PA-30 S/N: 30-1 through 30-2000 PA-39 S/N: 39-1 through 39-162
Baffle Assembly	AF23807-12	23807-12	Test and Computations per 14 CFR 21.303 <u>Drawing No.</u> MDL334 <u>Rev:</u> B <u>Dated:</u> 02/28/2012*	Piper Aircraft, Inc.	PA-30 S/N: 30-1 through 30-2000 PA-39 S/N: 39-1 through 39-162
Baffle Assembly	AF23849-04	23849-04	Test and Computations per 14 CFR 21.303 <u>Drawing No.</u> MDL334 <u>Rev:</u> B <u>Dated:</u> 02/28/2012*	Piper Aircraft, Inc.	PA-30 S/N: 30-1 through 30-2000 PA-39 S/N: 39-1 through 39-162
Rocker Cover Baffle	AF23854-00	23854-00	Test and Computations per 14 CFR 21.303 <u>Drawing No.</u> MDL334 <u>Rev:</u> B <u>Dated:</u> 02/28/2012*	Piper Aircraft, Inc.	PA-30 S/N: 30-1 through 30-2000 PA-39 S/N: 39-1 3 through 9-162
Baffle Assembly	AF23860-00	23860-00	Test and Computations per 14 CFR 21.303 <u>Drawing No.</u> MDL334 <u>Rev:</u> B <u>Dated:</u> 02/28/2012*	Piper Aircraft, Inc.	PA-30 S/N: 30-2 through 30-1716 inclusive, 30-1718 through 30-1744 inclusive
Rocker Cover Baffle	AF23864-00	Modification Part	Test and Computations per 14 CFR 21.303 <u>Drawing No.</u> MDL334 <u>Rev:</u> B <u>Dated:</u> 02/28/2012*	Piper Aircraft, Inc.	PA-30 S/N: 30-1 through 30-2000 PA-39 S/N: 39-1 through 39-162
Baffle Assembly	AF23866-04	23866-04	Test and Computations per 14 CFR 21.303 <u>Drawing No.</u> MDL334 <u>Rev:</u> B <u>Dated:</u> 02/28/2012*	Piper Aircraft, Inc.	PA-30 S/N: 30-1 through 30-2000 PA-39 S/N: 39-1 through 39-162

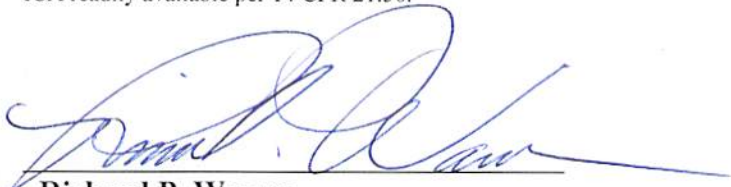
Article Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
Rocker Cover Baffle	AF23907-00	Modification Part	Test and Computations per 14 CFR 21.303 <u>Drawing No.</u> MDL334 <u>Rev:</u> B <u>Dated:</u> 02/28/2012*	Piper Aircraft, Inc.	PA-30 S/N: 30-1 through 30-2000 PA-39 S/N: 39-1 through 39-162
Baffle Assembly	AF23907-07	23907-07	Test and Computations per 14 CFR 21.303 <u>Drawing No.</u> MDL334 <u>Rev:</u> B <u>Dated:</u> 02/28/2012*	Piper Aircraft, Inc.	PA-30 S/N: 30-1 through 30-2000 PA-39 S/N: 39-1 through 39-162
Baffle Assembly	AF23977-09	23977-09	Test and Computations per 14 CFR 21.303 <u>Drawing No.</u> MDL334 <u>Rev:</u> B <u>Dated:</u> 02/28/2012*	Piper Aircraft, Inc.	PA-30 S/N: 30-1 through 30-2000 PA-39 S/N: 39-1 through 39-162

-----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