U.S. Department
of Transportation

**Federal Aviation
Administration**

Small Airplane Directorate
Anchorage Aircraft Certification Office
222 W. 7th Avenue, Unit 14
Anchorage, Alaska 99513-7587

September 12, 2006

Mr. Lee Budde
Airframes, Inc.
P.O. Box 521795
Big Lake, AK 99652

Dear Mr. Budde:

This is in response to your request for Parts Manufacturer Approval (PMA) on Airframes, Inc., Master Drawing List (MDL) for Engine Baffles, Number E210, Revision A, dated 9/8/06, eligible for installation on early Cessna Model 210 aircraft.

We have reviewed the drawings and data submitted and find they meet the requirements of 14 CFR § 21.303(d) (1). We noted design approval on the PMA supplement. Note that this is a notification letter only and does not constitute production approval. We sent the PMA Supplement with your application to:

Wichita Manufacturing Inspection District Office (MIDO)
Mid-Continent Airport
1804 Airport Road, Room 101
Wichita, KS 67209
316-946-4175 (office)
316-946-4189 (facsimile)

The MIDO will grant production approval after validating your fabrication inspection system. The FAA-PMA letter and PMA supplement from the MIDO documents that approval.

We agree with your determination that installation of your PMA parts does not impact existing 14 CFR 21.50(b) instructions for continued airworthiness (ICA).

If you have any questions, please call Della Swartz, at (907) 271-2672.

Sincerely,

August Asay

For Gregory J. Holt, Manager
Anchorage Aircraft Certification Office

cc: Read File
Project File (PM0886AK-A)
Wichita MIDO

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Airframes, Inc.
P.O. Box 521795
Comanche Circle
Big Lake, Alaska 99652

PMA No.: PQ2644CE
Supplement No. 28
Date: September 21, 2006

Part Name	Part Number	Approved Replacement For	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Baffle, Center Rear Assy.	AF1250100-12	1250100-12	Test and computation per 14 CFR 21.303. Airframes MDL: E 210; Rev. A, dated 09/08/2006; Drawing No. AF1250100-12, Rev. Orig., dated 01/06/2006 or later FAA revision.	Cessna	210 Serial No. 21059200 thru 21060089
Baffle, Rocker CVR Assy.	AF1250100-15	1250100-15	Test and computation per 14 CFR 21.303. Airframes MDL: E 210; Rev. A, dated 09/08/2006; Drawing No. 1250100-15; Rev. Orig., dated 01/06/2006 or later FAA revision.	Cessna	210 Serial No. 21059200 thru 21060089
Baffle, LH Rear Assy.	AF1250100-41	1250100-41	Test and computation per 14 CFR 21.303. Airframes MDL: E 210; Rev. A, dated 09/08/2006; Drawing No. AF1250100-41; Rev. Orig., dated 01/06/2006 or later FAA revision.	Cessna	210 Serial No. 21059200 thru 21060089
Baffle, Rocker Cover Assy.	AF1250100-8	1250100-8	Test and computation per 14 CFR 21.303. Airframes MDL: E 210; Rev. A, dated 09/08/2006; Drawing No. AF1250100-8; Rev. Orig., dated 01/06/2006 or later FAA revision.	Cessna	210 Serial No. 21059200 thru 21060089
Baffle, LH FWD Assy.	AF1250137-4	1250137-4	Test and computation per 14 CFR 21.303. Airframes MDL: E 210; Rev. A, dated 09/08/2006; Drawing No. AF1250137-4; Rev. Orig., dated 08/28/2006 or later FAA revision.	Cessna	210 Serial No. 21059200 thru 21060089
Baffle, Oil Cooler Assy.	AF1250900-1	1250900-1	Test and computation per 14 CFR 21.303. Airframes MDL: E 210; Rev. A, dated 09/08/2006; Drawing No. AF1250900-1; Rev. Orig., dated 01/06/2006 or later FAA revision.	Cessna	210 Serial No. 21059200 thru 21060089
Baffle, Upper Cooler	AF0700309-2	0700309-2	Test and computation per 14 CFR 21.303. Airframes MDL: E 210; Rev. A, dated 09/08/2006; Drawing No. AF0700309-2; Rev. Orig., dated 12/02/2005 or later FAA revision.	Cessna	210 Serial No. 21059200 thru 21060089
Baffle, Bracket	AF1250105-1	1250105-1	Test and computation per 14 CFR 21.303. Airframes MDL: E 210; Rev. A, dated 09/08/2006; Drawing No. AF1250105, Rev. Orig., dated 12/02/2005 or later FAA revision.	Cessna	210 Serial No. 21059200 thru 21060089

Part Name	Part Number	Approved Replacement For	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Baffle, Bracket	AF1250105-2	1250105-2	Test and computation per 14 CFR 21.303. Airframes MDL: E 210; Rev. A, dated 09/08/2006; Drawing No. AF1250105, Rev. Orig., dated 12/02/2005 or later FAA revision.	Cessna	210 Serial No. 21059200 thru 21060089
Baffle, Bracket	AF1250135-3	1250135-3	Test and computation per 14 CFR 21.303. Airframes MDL: E 210; Rev. A, dated 09/08/2006; Drawing No. AF1250135-3; Rev. Orig., dated 01/06/2006 or later FAA revision.	Cessna	210 Serial No. 21059200 thru 21060089
Baffle, Inner Cylinder	AF0750135-1	0750135-1	Test and computation per 14 CFR 21.303. Airframes MDL: E 210; Rev. A, dated 09/08/2006; Drawing No.AF206-13; Rev. Orig.; dated12/02/2004 or later FAA approved revision.	Cessna	210 Serial No. 21059200 thru 21060089
Baffle, Inner Cylinder	AF0750135-3	0750135-3	Test and computation per 14 CFR 21.303. Airframes MDL: E 210; Rev. A, dated 09/08/2006; Drawing No.AF206-13; Rev. Orig.; dated12/02/2004 or later FAA approved revision.	Cessna	210 Serial No. 21059200 thru 21060089
Baffle, Inner Cylinder	AF0750135-4	0750135-4	Test and computation per 14 CFR 21.303. Airframes MDL: E 210; Rev. A, dated 09/08/2006; Drawing No. AF206-13; Rev. Orig.; dated12/02/2004 or later FAA approved revision.	Cessna	210 Serial No. 21059200 thru 21060089

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

NOTE: 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. If TC holder's ICA applies to these replacement parts, provide a statement noting such. If not, provide supplementary ICA per 14 CFR §21.50.

Gregory J. Holt, Manager
Anchorage Aircraft Certification Office

Clemente Figueroa, Manager
Wichita Manufacturing Inspection
District 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

August 27, 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 Test and Computations, the approval letter from the FAA Anchorage Aircraft Certification Office, dated August 13, 2014, with your request letter dated August 15, 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. 28, dated August 27, 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. 28. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

FOR

Timothy L. Bonderer
Manager, Minneapolis MIDO

Enclosure: PMA Supplement No. 28

U.S. Department
of Transportation
Federal Aviation Administration

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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

PMA No. PQ2644CE
Supplement No. 28
Dated: AUG 27 2014

Article Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
FRONT LEFT ROCKER COVER	AF86203-004	86203-004	Test and computations per 14 CFR § 21.303, MDL No: 71-136-40-02 Rev: N/C Date: 6/13/14 or later FAA approved revisions	Piper Aircraft Inc.	PA-44-180
REAR LEFT ROCKER COVER	AF86203-005	86203-005	Test and computations per 14 CFR § 21.303, MDL No: 71-136-40-02 Rev: N/C Date: 6/13/14 or later FAA approved revisions	Piper Aircraft Inc.	PA-44-180
REAR RIGHT ROCKER COVER	AF86203-010	86203-010	Test and computations per 14 CFR § 21.303, MDL No: 71-136-40-02 Rev: N/C Date: 6/13/14 or later FAA approved revisions	Piper Aircraft Inc.	PA-44-180
REAR CENTER BRACKET	AF86203-05	86203-05	Test and computations per 14 CFR § 21.303, MDL No: 71-136-40-02 Rev: N/C Date: 6/13/14 or later FAA approved revisions	Piper Aircraft Inc.	PA-44-180
RIGHT FRONT ROCKER COVER	AF86203-069	86203-069	Test and computations per 14 CFR § 21.303, MDL No: 71-136-40-02 Rev: N/C Date: 6/13/14 or later FAA approved revisions	Piper Aircraft Inc.	PA-44-180
REAR RIGHT BAFFLE ASSEMBLY	AF86203-075	86203-075	Test and computations per 14 CFR § 21.303, MDL No: 71-136-40-02 Rev: N/C Date: 6/13/14 or later FAA approved revisions	Piper Aircraft Inc.	PA-44-180

PMA No. PQ2644CE
Supplement No 28
Dated: AUG 21 2014

Article Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
REAR LEFT BAFFLE ASSEMBLY	AF86203-076	86203-076 86203-078	Test and computations per 14 CFR § 21.303, MDL No: 71-136-40-02 Rev: N/C Date: 6/13/14 or later FAA approved revisions	Piper Aircraft Inc.	PA-44-180
FRONT LEFT BAFFLE ASSEMBLY	AF86203-080	86203-080	Test and computations per 14 CFR § 21.303, MDL No: 71-136-40-02 Rev: N/C Date: 6/13/14 or later FAA approved revisions	Piper Aircraft Inc.	PA-44-180
RIGHT FRONT BAFFLE ASSEMBLY	AF86203-092	86203-092	Test and computations per 14 CFR § 21.303, MDL No: 71-136-40-02 Rev: N/C Date: 6/13/14 or later FAA approved revisions	Piper Aircraft Inc.	PA-44-180

----------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

FOR

Timothy L. Bonderer
Manager, Minneapolis MIDO