



**U.S. Department
of Transportation**

**Federal Aviation
Administration**

**Wichita Manufacturing Inspection
District Office
1801 Airport Road, Room 101
Mid-Continent Airport
Wichita, Kansas 67209**

March 14, 2005

Mr. Lee Budde
Quality Assurance Manager
Airframes, Inc.
P.O. Box 521795
Comanche Circle
Big Lake, Alaska 99652

Dear Mr. Budde:

In accordance with the provisions of 14 CFR part 21 (part 21), Subpart K, we have found that the design data, based on Test & Computation, submitted by Airframes, Inc., with letter dated March 14, 2005, meet the airworthiness requirements of the regulations applicable to the products on which the parts are to be installed. Additionally, it has been determined that Airframes, Inc. has established the fabrication inspection system required by part 21 § 21.303(h) at Comanche Circle, Big Lake, Alaska 99652. Accordingly, Parts Manufacturing Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement Number 22.

You are reminded that the provisions of the Federal Aviation Regulations, noted in our PMA letter of approval dated June 1, 1998 also apply to the enclosed PMA Listing-Supplement Number 22.

Sincerely,

Fok Clemente Figueroa, Manager
Wichita Manufacturing Inspection
District Office

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

AirFrames, Inc.
P.O. Box 521795
Commanche Circle
Big Lake, Alaska 99652

PMA No.: PQ2644CE
Supplement No. 22
Date: March 14, 2005

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Baffle Assembly RH Forward	AF1255032-2	1255032-2	Test and Computation per 14CFR 21.303 <u>DWG No:</u> AF1255032-2 <u>Date:</u> 1/19/2005 Or later FAA approved revision	Cessna	U206 S/N U20602200 thru U20607020
Baffle Assembly RH Aft	AF1255032-4	1255032-4	Test and Computation per 14CFR 21.303 <u>DWG No:</u> AF1255032-4 <u>Date:</u> 1/19/2005 Or later FAA approved revision	Cessna	U206 S/N U20602200 thru U20607020
Baffle Assembly RH Rear	AF1255008-22	1255008-22	Test and Computation per 14CFR 21.303 <u>DWG No:</u> AF1255008-22 <u>Date:</u> 1/19/2005 Or later FAA approved revision	Cessna	U206 S/N U20602200 thru U20607020
Plate - Rear	AF1255011-5	1255011-5	Test and Computation per 14CFR 21.303 <u>DWG No:</u> AF206-4 <u>Date:</u> 1/12/2005 Or later FAA approved revision	Cessna	U206 S/N U20602200 thru U20607020
Baffle Assembly Rear Vertical LH	AF1255008-20	1255008-20 1255008-18	Test and Computation per 14CFR 21.303 <u>DWG No:</u> AF1255008-20 <u>Date:</u> 1/19/2005 Or later FAA approved revision	Cessna	U206 S/N U20602200 thru U20607020
Baffle Assembly LH Side Aft	AF1255032-3	1255032-3	Test and Computation per 14CFR 21.303 <u>DWG No:</u> AF1255032-3 <u>Date:</u> 1/19/2005 Or later FAA approved revision	Cessna	U206 S/N U20602200 thru U20607020

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Supplement No. 22
Date: March 14, 2005

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Baffle Assembly LH Side Forward	AF1255032-1	1255032-1	Test and Computation per 14CFR 21.303 <u>DWG No:</u> AF1255032-1 <u>Date:</u> 1/19/2005 Or later FAA approved revision	Cessna	U206 S/N U20602200 thru U20607020
Baffle Assembly Forward Lower LH	AF1255009-8	1255009-8 1255009-4	Test and Computation per 14CFR 21.303 <u>DWG No:</u> AF1255009-8 <u>Date:</u> 1/19/2005 Or later FAA approved revision	Cessna	U206 S/N U20602389 thru U20604074
Baffle Assembly Forward Lower LH	AF1250966-1	1250966-1	Test and Computation per 14CFR 21.303 <u>DWG No:</u> AF1250966-1 <u>Date:</u> 1/19/2005 Or later FAA approved revision	Cessna	U206 S/N U20602389 thru U20604074
Baffle Assembly Forward	AF1255028-1	1255028-1	Test and Computation per 14CFR 21.303 <u>DWG No:</u> AF1255028-1 <u>Date:</u> 1/19/2005 Or later FAA approved revision	Cessna	U206 S/N U20602389 thru U20604074
Baffle RH Forward	AF1255010-10	1255010-10	Test and Computation per 14CFR 21.303 <u>DWG No:</u> AF1255010-10 <u>Date:</u> 1/19/2005 Or later FAA approved revision	Cessna	U206 S/N U20602389 thru U20604074
Baffle Support	AF0750117-31	0750117-31	Test and Computation per 14CFR 21.303 <u>DWG No:</u> AF180-182-185-8 <u>Date:</u> 12/2/2004 Or later FAA approved revision	Cessna	U206 all thru S/N U20607020

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PMA No.: PQ2644CE
Supplement No. 22
Date: March 14, 2005

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Baffle	AF0750135-3	0750135-3	Test and Computation per 14CFR 21.303 <u>DWG No:</u> AF180-182-185-5 <u>Date:</u> 12/2/2004 Or later FAA approved revision	Cessna	180, 182, 185, 188, 206, 207, 210, 310, 320
Baffle Support	AF0851700-96	0851700-96	Test and Computation per 14CFR 21.303 <u>DWG No:</u> AF180-182-185-8 <u>Date:</u> 12/2/2004 Or later FAA approved revision	Cessna	206 all to S/N U20607020
Baffle	AF0750135-1	0750135-1	Test and Computation per 14CFR 21.303 <u>DWG No:</u> AF180-182-185-5 <u>Date:</u> 12/2/2004 Or later FAA approved revision	Cessna	180, 182, 185, 188, 206, 207, 210, 310, 320
Baffle	AF0750135-8	0750135-4	Test and Computation per 14CFR 21.303 <u>DWG No:</u> AF206-13 <u>Date:</u> 12/2/2004 Or later FAA approved revision	Cessna	180, 182, 185, 206, 210
Baffle Assembly Center	AF1255008-12	1255008-12	Test and Computation per 14CFR 21.303 <u>DWG No:</u> AF125008-12 <u>Date:</u> 1/19/2005 Or later FAA approved revision	Cessna	U206 S/N U20602200 thru U20607020
Baffle	AF1255025-1	1255025-1	Test and Computation per 14CFR 21.303 <u>DWG No:</u> AF206-9 <u>Date:</u> 1/12/2005 Or later FAA approved revision	Cessna	U206 S/N U20602200 thru U20607020

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PMA No.: PQ2644CE
Supplement No. 22
Date: March 14, 2005

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Baffle	AF0750152-3	0750152-3	Test and Computation per 14CFR 21.303 <u>DWG No:</u> AF206-17 <u>Date:</u> 2/17/2005 Or later FAA approved revision	Cessna	U206 all thru S/N U20607020
Baffle	AF0750152-4	0750152-4	Test and Computation per 14CFR 21.303 <u>DWG No:</u> AF206-17 <u>Date:</u> 2/17/2005 Or later FAA approved revision	Cessna	U206 all thru S/N U20607020
Baffle	AF1255011-51	Mod Part	Test and Computation per 14CFR 21.303 <u>DWG No:</u> AF206-17 <u>Date:</u> 2/17/2005 Or later FAA approved revision	Cessna	U206 all thru S/N U20607020

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

Note: Minor design changes (reference 14 CFR part 21 §21.93 and §21.95) must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR part 21 §21.93 and §21.97) to drawings and specifications are to be handled in the same manner as that for an original FAA-PMA.



For 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

March 20, 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 March 14, 2014, with your request letter dated March 19, 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. 22, dated March 20, 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. 22. 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. 22

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No.: PQ2644CE
Supplement No. 22
Date: March 20, 2014

Part Name	Part Number	Approved Replacement For	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
ROCKER COVER BAFFLE	AF63092-00	63092-00	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 321 <u>Rev:</u> C <u>Date:</u> 2/21/14 or later FAA approved revisions	Piper	PA-28-181
ROCKER COVER BAFFLE	AF63093-00	63093-00	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 321 <u>Rev:</u> C <u>Date:</u> 2/21/14 or later FAA approved revisions	Piper	PA-28-181
LH REAR BAFFLE	AF62387-09	62387-09	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 321 <u>Rev:</u> C <u>Date:</u> 2/21/14 or later FAA approved revisions	Piper	PA-28-181
RH REAR BAFFLE	AF62383-03	62383-03	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 321 <u>Rev:</u> C <u>Date:</u> 2/21/14 or later FAA approved revisions	Piper	PA-28-181
ROCKER COVER BAFFLE	AF62233-00	62233-00	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 321 <u>Rev:</u> C <u>Date:</u> 2/21/14 or later FAA approved revisions	Piper	PA-28-181

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

PMA No.: PQ2644CE
Supplement No. 22
Date: March 20, 2014

Part Name	Part Number	Approved Replacement For	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
ROCKER COVER BAFFLE	AF62234-00	62234-00	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 321 <u>Rev:</u> C <u>Date:</u> 2/21/14 or later FAA approved revisions	Piper	PA-28-181
RH FRONT BAFFLE	AF99573-00	99573-00	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 321 <u>Rev:</u> C <u>Date:</u> 2/21/14 or later FAA approved revisions	Piper	PA-28-181
LH FRONT BAFFLE	AF99578-00	99578-00	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 321 <u>Rev:</u> C <u>Date:</u> 2/21/14 or later FAA approved revisions	Piper	PA-28-181
RH FRONT BAFFLE	AF99577-00	99577-00	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 321 <u>Rev:</u> C <u>Date:</u> 2/21/14 or later FAA approved revisions	Piper	PA-28-181

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Airforms, Inc.
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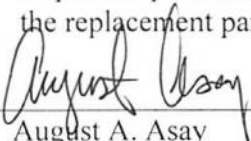
PMA No.: PQ2644CE
Supplement No. 22
Date: MAR 20 2014

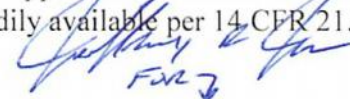
Part Name	Part Number	Approved Replacement For	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
BRACKET	AF63605-00	63605-00	Test and computations per 14 CFR Sec. 21.303 <u>MDL No:</u> 321 <u>Rev:</u> C <u>Date:</u> 2/21/14 or later FAA approved revisions	Piper	PA-28-181

-----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