



**U.S. Department
of Transportation**

**Federal Aviation
Administration**

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

November 17, 2006

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

Dear Mr. Budde:

Per 14 CFR part 21 subpart K, we found design data submitted with your letter dated October 24, 2006 to meet the airworthiness requirements of the regulations for the products on which the parts are to be installed. We based our finding on testing and computations. Also, we determined that your company set up the fabrication inspection system at Comanche Circle, Big Lake, Alaska as required by 14 CFR § 21.303(h). Therefore, we grant parts manufacturing approval (PMA), which authorizes you to produce the replacement parts in the enclosed Supplement No. 31, dated November 17, 2006.

We remind you that the provisions of 14 CFR, noted in our PMA letter of approval dated June 1, 1998, also apply to the enclosed PMA Listing-Supplement No. 31. Please keep the enclosed supplement with the original PMA letter as evidence of approval to produce the parts concerned.

Sincerely,

A handwritten signature in blue ink, appearing to read "C. Figueroa", with a long horizontal flourish extending to the right.

Clemente Figueroa, Manager
Wichita Manufacturing Inspection
District Office

cc: G. Holt, AK ACO

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No.: PQ2644CE
Supplement No. 31
Date: November 17, 2006

Part Name	Part Number	Approved Replacement For	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Baffle Assy.	AF1755004-1	1755004-1	Test and Computation per 14 CFR 21.303. <u>Drawing No.</u> AF1755004-1, <u>Rev:</u> None <u>Dated:</u> 4/04/06 or later FAA-approved revision.	Cessna	177 Serial Number 17700001 Thru 17701164
Baffle Assy.	AF1755003-1	1755003-1	Test and Computation per 14 CFR 21.303. <u>Drawing No.</u> AF17755003-1 <u>Rev:</u> None <u>Dated:</u> 4/04/06 or later FAA-approved revision	Cessna	177 Serial Number 17700001 Thru 17701164
Baffle Assy.	AF1755005-1	1755005-1	Test and Computation per 14 CFR 21.303. <u>Drawing No.</u> AF17755005-1 <u>Rev:</u> None <u>Dated:</u> 4/04/06 or later FAA-approved revision	Cessna	177 Serial Number 17700001 Thru 17701164
Baffle Assy.	AF1755005-2	1755005-2	Test and Computation per 14 CFR 21.303. <u>Drawing No:</u> AF1755005-2 <u>Rev:</u> None <u>Dated:</u> 4/06/06 or later FAA-approved revision.	Cessna	177 Serial Number 17700001 Thru 17701164
Baffle Assy.	AF1755008-1	1755008-1	Test and Computation per 14 CFR 21.303. <u>Drawing No:</u> AF1755008-1 <u>Rev:</u> None <u>Dated:</u> 4/06/06 or later FAA-approved revision.	Cessna	177 Serial Number 17700001 Thru 17701164
Baffle Assy.	AF1755010-1	1755010-1	Test and Computation per 14 CFR 21.303. <u>Drawing No:</u> AF1755010-1 <u>Rev:</u> None <u>Dated:</u> 04/06/06 or later FAA-approved revision.	Cessna	177 Serial Number 17700001 Thru 17701164

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

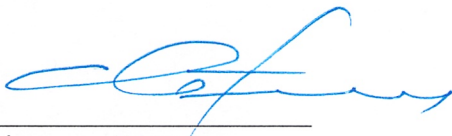
Airframes, Inc.
P.O. Box 521795
Comanche Circle
Big Lake, Alaska 99652

PMA No.: PQ2644CE
Supplement No. 31
Date: November 17, 2006

Part Name	Part Number	Approved Replacement For	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Baffle Assy.	AF1755009-1	1755009-1	Test and Computation per 14 CFR 21.303. <u>Drawing No:</u> AF1755009-1 <u>Rev:</u> None <u>Dated:</u> 4/06/06 or later FAA-approved revision.	Cessna	177 Serial Number 17700001 Thru 17701164
Baffle Assy.	AF1755007-1	1755007-1	Test and Computation per 14 CFR 21.303. <u>Drawing No:</u> AF1755007-1 <u>Rev:</u> None <u>Dated:</u> 4/06/06 or later FAA-approved revision.	Cessna	177 Serial Number 17700001 Thru 17701164

-----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.



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

September 29, 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 September 22, 2014, with your request letter dated September 24, 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. 31, dated September 29, 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. 31. 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. 31



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FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No. PQ2644CE
Supplement No. **31**
Date: SEP 29 2014

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Axle, High Strength	AF250-040- 495	250-040-495	Test and computations per 14 CFR Sec. 21.303 <u>DWG No:</u> AF250- 040-495 <u>Rev:</u> C <u>Date:</u> 8/29/14 or later FAA approved revisions	Helio Aircraft LLC	H-295

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

NOTE: Provide minor design changes in a manner as determined by the ACO. Process major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.

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

August A. Asay
Manager, Anchorage Aircraft Certification Office

Tim Bonderer, Manager
Manager, Minneapolis Manufacturing Inspection District Office