



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 3, 2015

Mrs. Kelcy Schachle
Airforms, Inc.
P.O. Box 521795
Big Lake, Alaska 99652

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Dear Mrs. 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 July 16, 2015, with your request letter, dated July 30, 2015, 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 14CFR 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. 45, dated August 3, 2015.

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

Sincerely,

A handwritten signature in blue ink, appearing to read 'Timothy L. Bonderer'. Below the signature, the initials 'F02' are written with a downward-pointing arrow.

Timothy L. Bonderer
Manager, Minneapolis MIDO

Enclosure: PMA Supplement No. 45



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

PMA No. PO2644CE
Supplement No. 45
Dated: AUG 3 2015

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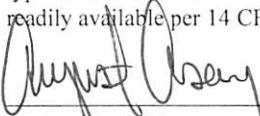
Article Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
Axle- Landing Gear	AF1441003-1	0541124 0541124-1 0641124	Test and Computations per 14 CFR § 21.303, Dwg No: AF1441003-1 Rev: B Date: 07/15/14 or later FAA approved revisions	Cessna Aircraft Company	172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, F172D, F172E, F172F, F172G, F172H, P172D, 175, 175A, 175B, 175C
Axle- Landing Gear	AF1441003-1	0541124 0541124-1 0641124	Test and Computations per 14 CFR § 21.303, Dwg No: AF1441003-1 Rev: B Date: 07/15/14 or later FAA approved revisions	Regal Air Incorporated	305A, 305B, 305C, 305D, 305E, 305F
Titanium Axle - Landing Gear	AF1441003-1T	0541124 0541124-1 0641124	Test and Computations per 14 CFR § 21.303, Dwg No: AF1441003-1 Rev: B Date: 07/15/14 or later FAA approved revisions	Cessna Aircraft Company	172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, F172D, F172E, F172F, F172G, F172H, P172D, 175, 175A, 175B, 175C
Titanium Axle - Landing Gear	AF1441003-1T	0541124 0541124-1 0641124	Test and Computations per 14 CFR § 21.303, Dwg No: AF1441003-1 Rev: B Date: 07/15/14 or later FAA approved revisions	Regal Air Incorporated	305A, 305B, 305C, 305D, 305E, 305F

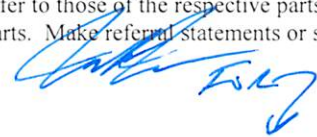
Article Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
Oil Cooler Baffle, Assy	AF1255000-1	1255000-1	Test and Computations per 14 CFR § 21.303, Dwg No: AF1255000-1 Rev: N/C Date: 8/12/10 or later FAA approved revisions	Cessna Aircraft Company	210K, 210L

-----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