



U.S. Department  
of Transportation

*Federal Aviation  
Administration*

Small Airplane Directorate  
Atlanta Manufacturing Inspection  
District Office  
One Crown Center, Suite 475  
1895 Phoenix Blvd  
Atlanta, Georgia 30349

September 11, 2002

Project No. PQ1206CE

Mr. Charles Wood  
Aero Accessories, Inc.  
1240 Springwood Avenue  
Gibsonville, N.C. 27249

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

In accordance with the provisions of 14 CFR part 21, Subpart K, we have found that the design data, based on test and computation, submitted by Aero Accessories, Inc. with your certifying letter dated September 9, 2002 meets the airworthiness requirements of the regulations applicable to the products on which the parts are to be installed. Additionally, it has been determined that Aero Accessories, Inc. has established the fabrication inspection system required by part 21 § 21.303(h) at 1240 Springwood Avenue, Gibsonville, N.C. 27249. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 61.

You are reminded that the provisions of the Federal Aviation Regulations, noted in our PMA letter of approval dated July 16, 1987, also apply to the enclosed PMA Listing-Supplement No. 61.

Sincerely,

FCD Jim Reeves  
Manager, Atlanta Manufacturing  
Inspection District Office

Enclosure

**PARTS MANUFACTURER APPROVAL NO. PQ1206CE**  
**PRODUCTION APPROVAL LISTING - SUPPLEMENT NO. 61**

**DATED September 11, 2002**

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

Aero Accessories, Inc.  
 1240 Springwood Avenue  
 Gibsonville, N.C. 27249


<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement For</u>	<u>FAA Approval Basis &amp; Approved Design Data</u>	<u>Installation Eligibility</u>	<u>Model</u>
Inlet Air Filter	AA D9-18-1	Airborne P/N D9-18-1	Test and Computations per CFR Part 21.303(c)4, Dwg. No. AAD9-18-1 Rev. O, dated 02/08/02 or later FAA Approval	Aerospatiale  Britten Norman  Cessna	TB9, TB10, TB20, TB21  BN-2A  152, A152, F152, FA172; 172, F172, FR172K, R172K; 177, 177RG, F177RG; 182, F182, FR182, R182, TR182; U206, TU206; 207, T207; P210; T303; 310L
				Grunman	AA-1, AA-1A, AA-1B, AA-1C, AA-5A, AA-5B
				Mooney	M20J, K, M
				Piper	PA-18, PA-18-150, PA-23-235, PA-23-250, PA-24, PA-24-250, PA-24-260, PA-28-140, PA-28-150, PA-28-151,

PA-28-160,  
PA-28-161,  
PA-28-180,  
PA-28R-180,  
PA-28-181,  
PA-28-201T,  
PA-28R-201,  
PA-28R-201T,  
PA-28RT-201,  
PA-28RT-  
201T,  
PA-28-235,  
PA-28-236,  
PA-30,  
PA-32-260,  
PA-32-300,  
PA-32RT-300,  
PA-32RT-  
300T,  
PA-32-301,  
PA-32-301T,  
PA-32R-301  
PA-32R-301T,  
PA-34-200,  
PA-34-220T,  
PA-38-112,  
PA-39,  
PA-42,  
PA-42-720,  
PA-44-180,  
PA-44-180T,  
PA-46-310P,  
PA-46-350P

Rockwell 112, 112A,  
112B, 112TC,  
112TCA, 114,  
114A series  
airplanes

-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 Jim Reeves  
Manager, Atlanta Manufacturing  
Inspection District Office



U.S. Department  
of Transportation

**Federal Aviation  
Administration**

Small Airplane Directorate  
Atlanta Manufacturing Inspection  
District Office  
One Crown Center, Suite 475  
1895 Phoenix Blvd  
Atlanta, Georgia 30349

December 14, 2004

**PMA NO. PQ1206CE**

Aero Accessories, Inc.  
1240 Springwood Avenue  
Gibsonville, N.C. 27249

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

In accordance with the provisions of 14 CFR part 21, Subpart K, we have found that the design data, based on Test and Computation submitted by Aero Accessories, Inc., with your certifying letter dated December 6, 2004, 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 Aero Accessories, Inc. has established the fabrication inspection system required by part 21 § 21.303(h) at 1240 Springwood Avenue, Gibsonville, NC. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 86.

You are reminded that the provisions of the Federal Aviation Regulations, noted in our PMA letter of approval dated July 16, 1987, also apply to the enclosed PMA Listing-Supplement No. 86.

Sincerely,

For Jim Reeves  
Manager, Atlanta Manufacturing  
Inspection District Office

Enclosure

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

Aero Accessories, Inc.  
1240 Springwood Avenue  
Gibsonville, NC 27249

PMA NO. PQ1206CE  
SUPPLEMENT NO. 86  
DATE: December 14, 2004

<b>Part Name</b>	<b>Part Number</b>	<b>Approved Replacement For Part Number</b>	<b>Approval Basis &amp; Approved Design Data</b>	<b>Make Eligibility</b>	<b>Model Eligibility</b>
Inlet Air Filter	AAD9-18-1	Airborne Part Number D9-18-1	Test and computations per CFR part 21.303 (c) 4 Dwg. No. AAD9-18-1, Rev. O, Dated 2/08/02 or later FAA approved revision	Consolidated Aeronautics  Lovaux Ltd.  Maule	Any single engine reciprocating powered airplane with an Airborne filter, P/N D9-18-1 installed.

**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.**

Sincerely,



**For: Jim Reeves**  
**Manager, Atlanta Manufacturing**  
**Inspection District Office**



U.S. Department  
of Transportation

*Federal Aviation  
Administration*

Small Airplane Directorate  
Atlanta Manufacturing Inspection  
District Office  
One Crown Center, Suite 475  
1895 Phoenix Blvd  
Atlanta, Georgia 30349

December 23, 2002

Project No. PQ1206CE

Mr. Charles Wood  
Aero Accessories, Inc.  
1240 Springwood Avenue  
Gibsonville, N.C. 27249

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

In accordance with the provisions of 14 CFR part 21, Subpart K, we have found that the design data, based on test and computation, submitted by Aero Accessories, Inc. with your certifying letter dated December 19, 2002 meets the airworthiness requirements of the regulations applicable to the products on with the parts are to be installed. Additionally, it has been determined that Aero Accessories, Inc. has established the fabrication inspection system required by part 21 § 21.303(h) at 1240 Springwood Avenue, Gibsonville, N.C. 27249. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 66.

You are reminded that the provisions of the Federal Aviation Regulations, noted in our PMA letter of approval dated July 16, 1987, also apply to the enclosed PMA Listing-Supplement No. 66.

Sincerely,

*JCR* Jim Reeves  
Manager, Atlanta Manufacturing  
Inspection District Office

Enclosure

**PARTS MANUFACTURER APPROVAL NO. PQ1206CE**  
**PRODUCTION APPROVAL LISTING – SUPPLEMENT NO. 66**

**DATED DECEMBER 23, 2002**

**FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL**

Aero Accessories  
 1240 Springwood Avenue  
 Gibsonville, NC 27249

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement for</u>	<u>FAA Approval Basis &amp; Approval Design Data</u>	<u>Installation Eligibility</u>	<u>Model</u>
Inlet Air Filter	ARB3-5-1	Airborne P/N B3-5-1	Test and Computations per CFR Part 21.303(c)4, Aero Accessories Report No. 1062 dated 11/26/01, DWG. No. ARB3-5-1, Rev A, dated 3/27/02 or later FAA Approved Revision.	All aircraft where the Airborne vacuum system is installed.	All Type Certificated Aircraft where Airborne model 133 or 2H3 regulator valve is installed.

**-END OF LISTING-**

**NOTE: Minor design changes (reference 14 CFR Part 21 21.93 and 21.95) must be submitted in 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.**



**Jim Reeves**  
**Manager, Atlanta Manufacturing**  
**Inspection District Office**



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Small Airplane Directorate  
Atlanta Manufacturing Inspection  
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One Crown Center, Suite 475  
1895 Phoenix Blvd  
Atlanta, Georgia 30349

March 31, 2003

Project No. PQ1206CE

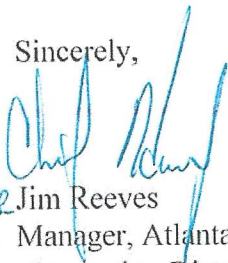
Aero Accessories, Inc.  
1240 Springwood Avenue  
Gibsonville, N.C. 27249

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

In accordance with the provisions of 14 CFR part 21, Subpart K, we have found that the design data, based on test and computation, submitted by Aero Accessories, Inc. with your certifying letter dated March 25, 2003 meets the airworthiness requirements of the regulations applicable to the products on with the parts are to be installed. Additionally, it has been determined that Aero Accessories, Inc. has established the fabrication inspection system required by part 21 § 21.303(h) at 1240 Springwood Avenue, Gibsonville, N.C. 27249. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 70.

You are reminded that the provisions of the Federal Aviation Regulations, noted in our PMA letter of approval dated July 16, 1987, also apply to the enclosed PMA Listing-Supplement No. 70.

Sincerely,

  
For Jim Reeves

Manager, Atlanta Manufacturing  
Inspection District Office

Enclosure





PARTS MANUFACTURER APPROVAL NO. PQ1206CE  
 PRODUCTION APPROVAL LISTING – SUPPLEMENT NO. 70

DATED March 31, 2003

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL  
 Aero Accessories, Inc.  
 1240 Springwood Avenue  
 Gibsonville, NC 27249

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement For</u>	<u>FAA Approval Basis &amp; Approval Design Data</u>	<u>Installation Eligibility</u>	<u>Model</u>
Air Filter	AA1J7-1	Airborne P/N 1J7-1	Test and computations per CFR part 21.303(e)4, AA Report No. 021303 dated 2/13/03, Dwg. No. AA1J7, Rev. O dated 2/20/03, or later FAA approved revision	Consolidated Aeronautics  Grumman American	LA-4-200  Any single Engine Reciprocating Powered Airplane with An Airborne Air filter, P/N 1J7-1 installed
				Maule Aircraft	Any single Engine Reciprocating Powered Airplane with An Airborne Air filter, P/N 1J7-1 installed
				Mooney Aircraft	Any single Engine Reciprocating Powered Airplane with An Airborne Air filter, P/N 1J7-1 installed
				Rockwell Commander	112, 112TC, 114



<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement For</u>	<u>FAA Approval Basis &amp; Approval Design Data</u>	<u>Installation Eligibility</u>	<u>Model</u>
Air Filter	AA1J7-1	Airborne P/N 1J7-1	Test and computations per CFR part 21.303(c)4, AA Report No. 021303 dated 2/13/03, Dwg. No. AA1J7, Rev. O dated 2/20/03, or later FAA approved revision	Piper Aircraft	Any single Engine Reciprocating Powered Airplane with An Airborne Air filter, P/N 1J7-1 installed
				Lovaux, Ltd.	Optica OA7 Series 300
Air Filter	AA1J7-2	Airborne P/N 1J7-2	Test and computations per CFR part 21.303(c)4, AA Report No. 021303 dated 2/13/03, Dwg. No. AA1J7, Rev. O dated 2/20/03, or later FAA approved revision	Beech	65-A80 and 65-B80 airplanes

- 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.**

Sincerely

SA Jim Reeves  
 Manager, Atlanta Manufacturing  
 Inspection District Office





U.S. Department  
of Transportation

*Federal Aviation  
Administration*

March 31, 2003

Project No. PQ1206CE

Aero Accessories, Inc.  
1240 Springwood Avenue  
Gibsonville, N.C. 27249

Small Airplane Directorate  
Atlanta Manufacturing Inspection  
District Office  
One Crown Center, Suite 475  
1895 Phoenix Blvd  
Atlanta, Georgia 30349

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

In accordance with the provisions of 14 CFR part 21, Subpart K, we have found that the design data, based on test and computation, submitted by Aero Accessories, Inc. with your certifying letter dated March 5, 2003 meets the airworthiness requirements of the regulations applicable to the products on with the parts are to be installed. Additionally, it has been determined that Aero Accessories, Inc. has established the fabrication inspection system required by part 21 § 21.303(h) at 1240 Springwood Avenue, Gibsonville, N.C. 27249. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 69.

You are reminded that the provisions of the Federal Aviation Regulations, noted in our PMA letter of approval dated July 16, 1987, also apply to the enclosed PMA Listing-Supplement No. 69.

Sincerely,

Jim Reeves  
Manager, Atlanta Manufacturing  
Inspection District Office

Enclosure

PARTS MANUFACTURER APPROVAL NO. PQ1206CE  
 PRODUCTION APPROVAL LISTING – SUPPLEMENT NO. 69

DATED March 31, 2003

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL  
 Aero Accessories, Inc.  
 1240 Springwood Avenue  
 Gibsonville, NC 27249

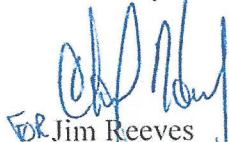
<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement For</u>	<u>FAA Approval Basis &amp; Approval Design Data</u>	<u>Installation Eligibility</u>	<u>Model</u>
Inlet Air Filter	AAD9-14-5	Airborne P/N D9-14-5	Test and computations per CFR part 21.303(c) Test Report TP12902 dated 12/17/02. Dwg. No. AAD9-14-5, Rev. O dated 5/22/02, or later FAA approved revision	Aerostar Aircraft Corp  Beech  Cessna  Reims Aviation, S.A.  Rockwell	600,601 601P, 602P, PA-60-600, PA-60-601P, PA-60-602P  F33, F33A, F33C, G33, V35B, V35BTC, 36. A36, A36TC, B35TC, B55, D55, E55, 58, 58P, 58TC, B60 airplanes  150, 172, 177, 177RG, 180, 182, 185, U206, TU206, 207, T207, 310, 337, T337, P337, T337, P337, 401 and 402 series airplanes  F150, F152, F172, F177RG, F182, F337, FA150, FA152, FP337, FR172, FRA150 and FT337 series airplanes  700

Inlet Air Filter	AAD9-14-3	Airborne P/N D9-14-3	Test and computations per CFR part 21.303(c), Test Report TP12902 dated 12/17/02, Dwg. No. AAD9-14-3, Rev. O. dated 5/22/02 or later FAA approved revision	Beech	65-A80 and 65-B80 airplanes
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- 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.**

Sincerely



FOR Jim Reeves  
Manager, Atlanta Manufacturing  
Inspection District Office





U.S. Department  
of Transportation

*Federal Aviation  
Administration*

Small Airplane Directorate  
Atlanta Manufacturing Inspection  
District Office  
One Crown Center, Suite 475  
1895 Phoenix Blvd  
Atlanta, Georgia 30349

December 30, 2003

**PMA NO. PQ1206CE**

Aero Accessories, Inc.  
1240 Springwood Avenue  
Gibsonville, N.C. 27249

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

In accordance with the provisions of 14 CFR part 21, Subpart K, we have found that the design data, based on test and computation submitted by Aero Accessories, Inc., with your certifying letter dated December 18, 2003, 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 Aero Accessories, Inc. has established the fabrication inspection system required by part 21 § 21.303(h) at 1240 Springwood Avenue, Gibsonville, NC. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 82.

You are reminded that the provisions of the Federal Aviation Regulations, noted in our PMA letter of approval dated July 16, 1987, also apply to the enclosed PMA Listing-Supplement No. 82.

Sincerely,

Jim Reeves  
Manager, Atlanta Manufacturing  
Inspection District Office

Enclosure

**FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL**

Aero Accessories, Inc.  
1240 Springwood Avenue  
Gibsonville, NC 27249

PMA NO. PQ1206CE  
SUPPLEMENT NO. 82  
DATE: December 30, 2003

Part Name	Part Number	Approved Replacement For	FAA Approval Basis & Approved Design Data	Installation Eligibility	Model
Fitting Assembly	AA1K9-6-10	Airborne P/N 1K9-6-10	Test and Computations per CFR Part 21.303 (c) 4, Aero Accessories, Inc. Dwg. No. AA1K9-6-10, Rev. A, dated 7/22/02 or later FAA approved revision.	Aeronca, Aerospatiale, Aircraft Manufacturing & Development, Beech (Raytheon), Bellanca, Britten Norman, Cirrus, Cessna, Diamond, Grumman American, Helio, Lake, Maule, Micco, Mooney, Navion, Piper, Piper (Aerostar), Rockwell, and Siai Marchetti aircraft	Any type certificated aircraft where Airborne P/N 1K9-6-10 fitting assemblies are installed

Fitting Assembly	AA1K9-8-10	Airborne P/N 1K9-8-10	Test and Computations per CFR Part 21.303 (c) 4, Aero Accessories, Inc. Dwg. No. AA1K9-8-10, Rev. A, dated 10/14/02 or later FAA approved revision.	Aeronca, Aerospatiale, Aircraft Manufacturing & Development, Beech (Raytheon), Bellanca, Britten Norman, Cirrus, Cessna, Diamond, Grumman American, Helio, Lake, Maule, Micco, Mooney, Navion, Piper, Piper (Aerostar), Rockwell, and Siai Marchetti aircraft	Any type certificated aircraft where Airborne P/N 1K9-8-10 fitting assemblies are installed
Fitting Assembly	AA1K8-6-8	Airborne P/N 1K8-6-8	Test and Computations per CFR Part 21.303 (c) 4, Aero Accessories, Inc. Dwg. No. AA1K8-6-8, Rev. A, dated 10/14/02 or later FAA approved revision	Aeronca, Aerospatiale, Aircraft Manufacturing & Development, Beech (Raytheon), Bellanca, Britten Norman, Cirrus, Cessna, Diamond, Grumman American, Helio, Lake, Maule, Micco, Mooney, Navion, Piper, Piper (Aerostar), Rockwell, and Siai Marchetti aircraft	Any type certificated aircraft where Airborne P/N 1K8-6-8 fitting assemblies are installed



Fitting Assembly	AA1K8-6-10	Airborne P/N 1K8-6-10	Test and Computations per CFR Part 21.303 (c) 4, Aero Accessories, Inc. Dwg. No. AA1K8-6-10, Rev. A, dated 7/22/02 or later FAA approved revision	Aeronca, Aerospatale, Aircraft Manufacturing & Development, Beech (Raytheon), Bellanca, Britten Norman, Cirrus, Cessna, Diamond, Grumman American, Helio, Lake, Maule, Micco, Mooney, Navion, Piper, Piper (Aerostar), Rockwell, and Siai Marchetti aircraft	Any type certificated aircraft where Airborne P/N 1K8-6-10 fitting assemblies are installed
Fitting Assembly	AA1K1-6-10	Airborne P/N 1K1-6-10	Test and Computations per CFR Part 21.303 (c) 4, Aero Accessories, Inc. Dwg. No. AA1K1-6-10, Rev. A, dated 8/15/02 or later FAA approved revision	Aeronca, Aerospatale, Aircraft Manufacturing & Development, Beech (Raytheon), Bellanca, Britten Norman, Cirrus, Cessna, Diamond, Grumman American, Helio, Lake, Maule, Micco, Mooney, Navion, Piper, Piper (Aerostar), Rockwell, and Siai Marchetti aircraft	Any type certificated aircraft where Airborne P/N 1K1-6-10 fitting assemblies are installed

Fitting Assembly	AA1K1-8-10	Airborne P/N 1K1-8-10	Test and Computations per CFR Part 21.303 (c) 4, Aero Accessories, Inc. Dwg. No. AA1K1-8-10, Rev. A, dated 8/22/02 or later FAA approved revision	Aeronca, Aerospatale, Aircraft Manufacturing & Development, Beech (Raytheon), Bellanca, Britten Norman, Cirrus, Cessna, Diamond, Grumman American, Helio, Lake, Maule, Micco, Mooney, Navion, Piper, Piper (Aerostar), Rockwell, and Siai Marchetti aircraft	Any type certificated aircraft where Airborne P/N 1K1-8-10 fitting assemblies are installed
Fitting Assembly	AA1K10-6-10	Airborne P/N 1K10-6-10	Test and Computations per CFR Part 21.303 (c) 4, Aero Accessories, Inc. Dwg. No. AA1K10-6-10, Rev. A, dated 10/14/02 or later FAA approved revision	Aeronca, Aerospatale, Aircraft Manufacturing & Development, Beech(Raytheon ), Bellanca, Britten Norman, Cirrus, Cessna, Diamond, Grumman American, Helio, Lake, Maule, Micco, Mooney, Navion, Piper, Piper(Aerostar), Rockwell, and Siai Marchetti aircraft	Any type certificated aircraft where Airborne P/N 1K10-6-10 fitting assemblies are installed

Inline Air Filter	AA1J4-4	Airborne P/N 1J4-4 and Aero Accessories P/N AA1J4-4	Test and Computations per 14 CFR Part 21.303 (c) 4, AAI Test Report No. 120403 Dated 12/4/03 and Dwg. No. AA1J4X, Rev. 0 dated 11/5/03 or later FAA approved revision	Aerostar Aircraft Corporation (formerly Piper, Ted Smith)	PA-60-600, PA-60-601, PA-60-601P, PA-60-602P, PA-60-700P, 360, 400, 701P airplanes incorporating an Airborne P/N 1J4-4 inline air filter
Inline Air Filter	AA1J4-6	Airborne P/N 1J4-6 and Aero Accessories P/N AA1J4-6	Test and Computations per 14 CFR Part 21.303 (c) 4, AAI Test Report No. 120403 Dated 12/4/03 and Dwg. No. AA1J4X, Rev. 0 dated 11/5/03 or later FAA approved revision	Beech, Mooney, and Piper	Any type certificated aircraft incorporating an Airborne P/N 1J4-6 inline air filter
Inline Air Filter	AA1J4-7	Airborne P/N 1J4-7 and Aero Accessories P/N AA1J4-7	Test and Computations per 14 CFR Part 21.303 (c) 4, AAI Test Report No. 120403 Dated 12/4/03 and Dwg. No. AA1J4X, Rev. 0 dated 11/5/03 or later FAA approved revision	Beech, Grumman American, Piper and Rockwell	Any type certificated aircraft incorporating an Airborne P/N 1J4-7 inline air filter
Dry air pump	AA241CC	Airborne P/N 241CC	Test and Computation per 14 CFR Part 21.303 (c) 4 Aero Accessories Dwg. No. TD241, Rev. A, dated 12/16/97 or later FAA approved revision	Pratt and Whitney  DeHavilland Aircraft	PT6A and PT6B series engines  Model DHC-6 airplanes

Dry air pump	AA242CW-10	Airborne P/N 242CW-10	Test and Computation per 14 CFR Part 21.303 (c)4 Aero Accessories Dwg. No. TD242, Rev C dated 4/18/01 or later FAA approved revision	Teledyne Continental Motors and Mooney Aircraft Corporation	Model TSIO-360-MB2, -SB2 engines with dual alternator installation on Mooney M20K airplanes and IO-550-G engines when installed on Mooney model M20R airplanes
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**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.**

Sincerely,



**Jim Reeves  
Manager, Atlanta Manufacturing  
Inspection District Office**



U.S. Department of Transportation

Federal Aviation Administration

NOV 14 2006

Atlanta Aircraft Certification Office  
1895 Phoenix Boulevard  
One Crown Center, Suite 450  
Atlanta, Georgia 30349

Mr. Gary Crawford  
Aero Accessories, Inc.  
1240 Springwood Avenue  
Gibsonville, NC 27249

Dear Mr. Crawford:

This is in reply to your August 11, 2006 letter and substantiating data requesting FAA Engineering Design Approval as a prerequisite for obtaining Federal Aviation Administration-Parts Manufacturer Approval (FAA-PMA). Based on our design review of the data which you submitted, design approval is granted as indicated for the following parts:

Part Name	Part Number	Approved Replacement For	FAA Design Approval Means	Installation Eligibility	Model
Fitting assembly	AA1K24-2	Airborne part number 1K24-2	Test and computations per 14 CFR Part 21.303 (c) 4, and Aero Accessories, Inc. Dwg. No. AA1K24-2, Rev. O, dated 10/10/05 or later FAA approval	Aeronca, Aerospatale, Aircraft Manufacturing & Development, Beech, Bellanca, BrittenNorman, Cirrus, Cessna, Diamond, Grumman American, Helio, Lake, Maule Micco, Mooney, Navion, Piper, Aerostar Aircraft Corp, Rockwell, and Siai Marchetti aircraft	Any type certificated aircraft where Airborne part number 1K24-2 or Raytheon Aircraft part number 58-380125. fitting assemblies are installed or Pumps AA442CW-12, A442CW-12 or 442CW-12 are utilized.

Fitting  
assembly

AA1K9-8-12

Airborne part  
number 1K9-  
8-12

Test and  
computations  
per 14 CFR  
Part 21.303  
(c) 4, and  
Aero  
Accessories,  
Inc. Dwg. No.  
AA1K9-8-12,  
Rev. O, dated  
06/15/06 or  
later FAA  
approval

Aeronca,  
Aerospatiale,  
Aircraft  
Manufacturing  
& Development,  
Beech,  
Bellanca,  
BrittenNorman,  
Cirrus, Cessna,  
Diamond,  
Grumman  
American,  
Helio, Lake,  
Maule Micco,  
Mooney,  
Navion, Piper,  
Aerostar  
Aircraft Corp,  
Rockwell, and  
Siai Marchetti  
aircraft

Any type  
certificated  
aircraft  
where  
Airborne  
part  
number  
1K9-8-12  
fitting  
assemblies  
are  
installed

Fitting  
assembly

AA1K10-8-  
12

Airborne part  
number  
1K10-8-12

Test and  
computations  
per 14 CFR  
Part 21.303  
(c)4, and  
Aero  
Accessories,  
Inc. Dwg. No.  
AA1K10-8-  
12, Rev. O,  
dated  
06/15/06 or  
later FAA  
approval

Aeronca,  
Aerospatiale,  
Aircraft  
Manufacturing  
& Development,  
Beech,  
Bellanca,  
BrittenNorman,  
Cirrus, Cessna,  
Diamond,  
Grumman  
American,  
Helio, Lake,  
Maule Micco,  
Mooney,  
Navion, Piper,  
Aerostar  
Aircraft Corp,  
Rockwell, and  
Siai Marchetti  
aircraft

Any type  
certificated  
aircraft  
where  
Airborne  
part  
number  
1K10-8-12  
fitting  
assemblies  
are  
installed

Fitting  
assembly

AA1K31-4-6-  
4

Airborne part  
number  
1K31-4-6-4

Test and  
computations  
per 14 CFR  
Part 21.303  
(c)4, and  
Aero  
Accessories,  
Inc. Dwg. No.  
AA1K31-4-6-  
4, Rev. O,  
dated  
05/01/06 or  
later FAA  
approval

Aeronca,  
Aerospatale,  
Aircraft  
& Development,  
Beech,  
Bellanca,  
BrittenNorman,  
Cirrus, Cessna,  
Diamond,  
Grumman  
American,  
Helio, Lake,  
Maule Micco,  
Mooney,  
Navion, Piper,  
Aerostar  
Aircraft Corp,  
Rockwell, and  
Siai Marchetti  
aircraft

Any type  
certificated  
aircraft  
where  
Airborne  
part  
number  
1K31-4-6-4  
fitting  
assemblies  
are  
installed

FAA stamped and initialed copies of your drawings as evidence of your design approval for FAA-PMA are enclosed. One copy of each drawing has been retained in our files.

If there are any minor design changes (Refer 14 CFR Parts 21.93 and 21.95), they must be submitted at regular intervals, not to exceed six months. Two copies of the drawings, verification of minor change acceptance, and any change in aircraft and engine eligibility should be submitted at this time.

Major design changes to drawings and specifications should be FAA approved prior to the sale of such parts and handled in the same manner as that for an original FAA-PMA approval.

Please note that you should be aware of your responsibilities under the requirements of 14 CFR Part 21.3 regarding the reporting of failures, malfunctions, or defects in parts or articles provided under the terms of this approval.

The approved data enclosed with this letter must be retained on file at your facility as required by 14 CFR Part 21.303(h)(6) and made available upon request by FAA representatives. This letter transmits design approval only for the listed parts, and does not constitute authority for the fabrication of parts and the sale of such parts to customers. An FAA-PMA approval letter will be issued upon forwarding of a copy of this letter and a letter certifying that Aero Accessories has established a fabrication inspection system which complies with 14 CFR Part 21.303(h) to the Atlanta Manufacturing Inspection District Office (MIDO), 1895 Phoenix Boulevard, One Crown Center, Suite 225, Atlanta, GA 30349.

If you have any further questions regarding the design data, please contact Jerry Robinette at (770) 703-6096. Questions regarding the manufacture of parts and the related quality control system should be directed to the MIDO.

Sincerely,



Christina Marsh  
Associate Manager Atlanta  
Aircraft Certification Office

Enclosure





U.S. Department  
of Transportation

*Federal Aviation  
Administration*

Small Airplane Directorate  
Atlanta Manufacturing Inspection  
District Office  
One Crown Center, Suite 225  
1895 Phoenix Blvd  
Atlanta, Georgia 30349

April 3, 2007

**PMA NO. PQ1206CE**

Aero Accessories, Inc.  
1240 Springwood Avenue  
Gibsonville, N.C. 27249

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

In accordance with the provisions of 14 CFR part 21, Subpart K, we have found that the design data, based on Test and Computation submitted by Aero Accessories, Inc., with your certifying letter dated December 27, 2006, 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 Aero Accessories, Inc. has established the fabrication inspection system required by part 21 § 21.303(h) at 1240 Springwood Avenue, Gibsonville, NC. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 92.

You are reminded that the provisions of the Federal Aviation Regulations, noted in our PMA letter of approval dated July 16, 1987, also apply to the enclosed PMA Listing-Supplement No. 92.

Sincerely,

Jim Reeves  
Manager, Atlanta Manufacturing  
Inspection District Office

Enclosure

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

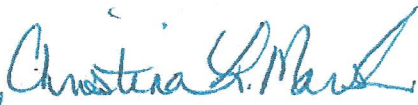
Aero Accessories, Inc.  
1240 Springwood Avenue  
Gibsonville, NC 27249


PMA NO. PQ1206CE  
SUPPLEMENT NO. 92  
DATE: Mar 27, 2007

Part Name	Part Number	Approved Replacement For	FAA Approval Basis & Approved Design Data	Installation Eligibility	Model
Filter assembly	AA2J4-4	Airborne part number 1J4-4 and 2J4-4 and Aero Accessories AA1J4-4	Test and computations per CFR Part 21.303 <u>Dwg.</u> AA2J4-4 <u>Rev</u> Rev. 0 <u>Date</u> Sep 22, 2006 or later FAA-Approved revisions	Aerostar Aircraft Corporation (Formerly Piper, Ted Smith)	PA-60-600, PA-60-601, PA-60-601P, PA-60-602P, PA-6—700P, 360, 400, 600. 601. 601P, 602P and 700P airplanes incorporating an Airborne P/N 1J4-4 or Aero Accessories AA1J4-4 inline air filter
Filter assembly	AA2J4-6	Airborne part number 1J4-6 and 2J4-6 and Aero Accessories AA1J4-6	Test and computations per CFR Part 21.303 <u>Dwg.</u> AA2J4-6 <u>Rev</u> Rev. 0 <u>Date</u> Sep 22, 2006 or later FAA-Approved revisions	Beech, Mooney and Piper	Any type certificated aircraft incorporating an Airborne P/N 1J4-6 or Aero Accessories, AA1J4-6 inline air filter
Filter assembly	AA2J4-7	Airborne part number 1J4-7 and 2J4-7 and Aero Accessories AA1J4-7	Test and computations per CFR Part 21.303 <u>Dwg.</u> AA2J4-7 <u>Rev</u> Rev. 0 <u>Date</u> Sep 22, 2006 or later FAA-Approved revisions	Beech, Mooney and Piper	Any type certificated aircraft incorporating an Airborne P/N 1J4-7 or Aero Accessories AA1J4-7 inline air filter

----- 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

*for*   
Melvin D. Taylor  
Manager, Atlanta  
Aircraft Certification Office

 F/  
Jim Reeves  
Manager, Atlanta  
Inspection District Office



U.S. Department  
of Transportation

*Federal Aviation  
Administration*

Aircraft Certification Service  
System Oversight Division  
Atlanta MIDO Section  
1701 Columbia Avenue  
College Park, GA 30337

October 15, 2019

PQ1206CE-D

Aero Accessories, LLC  
2208 Air Park Drive  
Burlington, NC 27215

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

In accordance with the provisions of Title 14, Code of Federal Regulations (14CFR), part 21, Certification Procedures for Products and Articles, subpart K, the FAA has found that the design data, based on test and computation, submitted by Aero Accessories, LLC., with your letter dated September 18, 2019, 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 Aero Accessories, LLC. has established the quality system required by §21.307 at 2208 Air Park Drive, Burlington, NC 27215. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 113.

You are reminded that the provisions of 14 CFR, parts 21 and 45, noted in our PMA letter of approval dated July 16, 1987, also apply to the enclosed PMA Listing Supplement No. 113. 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 'J. Robinson'.

James Robinson  
Acting Manager, Atlanta MIDO Section  
System Oversight Division

Enclosure; PMA Listing No. 113



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

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

Aero Accessories LLC  
2208 Airpark Drive  
Burlington, NC 27215

PMA No.: PQ1206CE  
Supplement No.: 113  
Date: October 16, 2019  
Revised: October 18, 2019

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Instrument Air Filter	AA1034351A	Cessna P/N: C-294501-0301	Test and Computations per 14 CFR 21.303 DWG No: AA1034351A Rev: N/R Date: 9/6/2019 or later FAA approved revisions	Textron Aviation (Cessna)	401, 402, 404, 414, 414A, 421C
Instrument Air Filter	AA1035351A	Cessna P/N: C-294501-0302	Test and Computations per 14 CFR 21.303 DWG No: AA1035351A Rev: N/R Date: 9/6/2019 or later FAA approved revisions	Textron Aviation (Cessna)	310, 401, 402C, 404, 414, 421C
Rudder Boost Filter	AA101-524009-0163	Beechcraft P/N: 101-524009-91 101-524009-0161 101-524009-0163	Test and Computations per 14 CFR 21.303 DWG No: AA101-524009-0163 Rev: N/R Date: 9/6/2019 or later FAA approved revisions	Textron Aviation (Beech)	B200, B200C, B200CT, B200T, B200GT


-----**END OF DATA**-----

GENERAL NOTES:

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 FAA accepted the ICA approach for the above articles with their designs. These ICA may refer to those of the respective articles from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.

  
\_\_\_\_\_  
(for) Christina M. Underwood  
Manager, Atlanta ACO Branch

  
\_\_\_\_\_  
James Robinson  
Acting Manager, Atlanta MIDO Section  
System Oversight Division



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

Aircraft Certification Service  
Compliance & Airworthiness Division

Atlanta ACO Branch  
1701 Columbia Ave.  
College Park, Georgia 30337

October 16, 2019

**In Reply, Reference FAA # 7A0-19-11844**

Mr. Chad Staples  
Aero Accessories LLC  
2208 Airpark Drive  
Burlington, NC 27215

Subject: Parts Manufacturer Approval (PMA) – PM16332AT-A

Dear Mr. Staples,

This is in response to your letter dated September 18, 2019, requesting Parts Manufacturer Approval (PMA) on the Aero Accessories articles listed in the table below, which are eligible for installation on several Textron Aviation (Cessna and Beechcraft) aircraft, listed on the corresponding PMA Supplement.

FAA Project Number	Aero Accessories PMA Article Name	Aero Accessories PMA Article Number
PM16332AT-A	Instrument Air Filter	AA103435IA
	Instrument Air Filter	AA103535IA
	Rudder Boost Filter	AA101-524009-0163

This letter serves to notify you that the FAA is in the process of issuing a PMA in accordance with 14 CFR 21.311. The Atlanta Aircraft Certification Office (ACO) Branch has noted the design approval on the PMA supplement. The PMA Supplement has been sent with your application to:

Atlanta Manufacturing Inspection District Office (MIDO)  
1701 Columbia Avenue  
College Park, GA 30337  
PH: (404) 474-5700

The Atlanta MIDO will grant production approval after validating your Quality System. The FAA-PMA letter and PMA supplement from the Atlanta MIDO document that approval.

Record ID: 8110.3.a. PMA, FAA Project Number PM16332AT-A, Aero Accessories  
Atlanta ACO, Section: G. Hanlin, In Reply to: 19-DOC-17329

The FAA concurs with your determination that installation of your PMA articles does not require supplemental Instructions for Continued Airworthiness (ICA).

As recipient of this approval, except as provided in 14 CFR 21.3(d), you are required to report any failure, malfunction, or defect in any product or part manufactured by you that you have determined has resulted or could result in any of the occurrences listed in 14 CFR 21.3(c). The report should be communicated initially by telephone to the Manager, Atlanta ACO Branch, telephone number (404)-474-5500, within 24 hours after it has been determined that the failure has occurred. In addition, written notification to the Certification Office, at 9-ASO-ATLCOS-Reporting@faa.gov is required. FAA Form 8010-4 (Malfunction or Defect Report) or any other appropriate format is acceptable in transmitting the required details.

If you have any further questions, please contact Doug Hanlin at 404-474-5584 or via email at [george.hanlin@faa.gov](mailto:george.hanlin@faa.gov).

Sincerely,



Eugene Evans  
Manager, Propulsion and Services Section  
Atlanta ACO Branch