



U.S. Department  
of Transportation

*Federal Aviation  
Administration*

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

May 15, 2019

PQ4020CE

Mr. Tim Henderson, President  
Marvel Schebler Aircraft Carburetors, LLC  
2208 Air Park Drive  
Burlington, NC, 27215

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

Dear Mr. Henderson:

In accordance with the e-mail from the ACO dated March 7, 2019, advising this office of a "address change" from 125 Piedmont Ave, Gibsonville, NC 27249 to 2208 Air Park Drive, Burlington, NC 27215, we find that Marvel Schebler Aircraft Carburetors, LLC In accordance with Title 14, Code of Federal Regulations (14 CFR) part 21, Certification Procedures for Products and Articles, subpart K, the FAA has established the quality system required by § 21.307 at 2208 Air Park Drive, NC 27215. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted to the Manufacturer to produce the replacement articles (or modification articles, as applicable) listed in Marvel Schebler Aircraft Carburetors, LLC, Supplements 1-8 (Originally issued to the 125 Piedmont Ave., Gibsonville, NC 27249 address) in conformity with the FAA-approved design data. Any subsequent changes to these design data must be approved in a manner acceptable to the FAA.

The following terms and conditions apply to this approval:

1. The Manufacturer's quality system, methods, procedures, and manufacturing facilities, including suppliers, are subject to FAA surveillance and investigations. Accordingly, the Manufacturer must advise its suppliers that their facilities are also subject to FAA surveillance and investigations.
2. The Manufacturer must obtain approval from the Atlanta Manufacturing Inspection District Office (AIR-892) (MIDO) Section prior to relocating or expanding manufacturing facilities at which articles are produced. This includes the addition of associate facilities. Additionally, this requirement applies to the Manufacturer's suppliers with major inspection authorization, and those suppliers who furnish articles or related services where a determination of safety and conformance to the approved design cannot or will not be made upon receipt at the approved receiving facility.
3. Upon request, the Manufacturer must make available to the FAA any pertinent information concerning its suppliers who furnish parts/services. This includes:
  - a. A description of the part or service,
  - b. Where and by whom the part or service will undergo inspection;



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**Federal Aviation  
Administration**

January 5, 2017

Small Airplane Directorate  
Atlanta Manufacturing  
Inspection District Office  
1701 Columbia Avenue  
College Park, GA 30337

PQ4020CE


Marvel Schebler Aircraft Carburetors, LLC  
125 Piedmont Avenue  
Gibsonville, NC 27249

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR), part 21, Certification Procedures for Products and Articles, and Parts subpart K, the FAA has found that the design data, based on Test and Computation, submitted by Marvel Schebler Aircraft Carburetors, LLC with your letter dated, December 7, 2016, 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 Marvel Schebler Aircraft Carburetors, LLC has established the quality system required by § 21.307 at 125 Piedmont Avenue, Gibsonville, NC 27249. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 8.

You are reminded that the provisions of 14 CFR, parts 21 and 45, noted in our PMA letter of approval dated October 20, 2008 also apply to the enclosed PMA Listing-Supplement No. 8. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

  
James Hall, Acting Manager  
Atlanta Manufacturing  
Inspection District Office

Enclosure:  
PMA Listing-Supplement No. 8

# FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Marvel-Schebler Aircraft Carburetors, LLC  
125 Piedmont Avenue  
Gibsonville, NC 27249

PMA NO. PQ4020CE  
SUPPLEMENT NO. 8  
DATE December 30, 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCM Eligibility	Model/Series Eligibility
Carburetor (MA-3A type)	10-3103-1	61547	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-3103-1 <u>Rev:</u> 45 <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-235-C1, -C1B, -C2A, -C2B, -C2C, -H2C, -L2C
Carburetor (MA-3SPA type)	10-3346-1	62289	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-3346-1 <u>Rev:</u> 48 <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-290-A, -AP, -C (O-290-3 type), -CP, -D (O-290-11 type), -D2, -D2A, -D2B, -D2C
Carburetor (MA-3SPA type)	10-3565-1	62830	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-3565-1 <u>Rev:</u> 46 <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-290-A, -AP, -C (O-290-3 type), -CP, -D (O-290-11 type), -D2, -D2A, -D2B, -D2C
Carburetor (MA-4SPA type)	10-3678-12	69250	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-3678-12 <u>Rev:</u> 36 <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-320-A1A, -A2A, -A2B, -A3A, -B1A, -B2A
Carburetor (MA-4SPA type)	10-3678-32	72394	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-3678-32 <u>Rev:</u> 46 <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-320-A1B, -A2A, -A2B, -A2C, -A2D, -A3B, -A3C, -B1B, -B2B, -B2C, -B3B, -B3C, -D1A, -D1AD, -D1C, -D2A, -D2B, -D2C, -E1A, -E2A, -E2B, -E2C, -E3D
Carburetor (MA-4-5 type)	10-3856-12	71685	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-3856-12 <u>Rev:</u> 45 <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	VO-435-A1B, -A1C, -A1D



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PMA NO. PQ4020CE  
SUPPLEMENT NO. 8  
DATE December 30, 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCM Eligibility	Model/Series Eligibility
Carburetor (MA-4-5 type)	10-3878	71098	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-3878 <u>Rev:</u> 62 <u>Date:</u> 05/20/2011 or later FAA-approved revisions	Textron Lycoming Engines	O-360-A1A, -A1AD, -A1D, -A1F, -A1F6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A3A, -A3AD, -A4A, -A4AD, -A4M, -A5AD, B2A, -C1A, -C1C, -C1G, -C2A, -C2C, -D2A, -D2B
Carburetor (MA-4-5AA type)	10-4025-12	71684	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-4025-12 <u>Rev:</u> 32 <u>Date:</u> 05/20/2011 or later FAA-approved revisions	Textron Lycoming Engines	VO-435-A1E, -A1F, -B1A, -A1D
Carburetor (MA-4-5 type)	10-4164-1	71710	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-4164-1 <u>Rev:</u> 50 <u>Date:</u> 05/20/2011 or later FAA-approved revisions	Textron Lycoming Engines	O-360-A2D, -C1E, -C2C, -C2E, -A1A, -A1D, -A2A, -A2D, -A2F, -A3A, -A4A, -C1C, -C2A LO-360-A2D
Carburetor (MA-6AA type)	10-4218-1	72407	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-4218-1 <u>Rev:</u> 35 <u>Date:</u> 05/20/2011 or later FAA-approved revisions	Textron Lycoming Engines	VO-540-B1A, -B1B, -B1B3, -B1C, -B1D, -B1E, -B1F, -B1H3, -B2A, -B2C, -B2D, -B2E, -B2G, -C1A, -C1B, -C1C3, -C2A, -C2B, -C2C
Carburetor (MA-6AA type)	10-4401-1	72920	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-4401-1 <u>Rev:</u> 39 <u>Date:</u> 05/20/2011 or later FAA-approved revisions	Textron Lycoming Engines	VO-540-B1A, -B1B, -B1B3, -B1C, -B1D, -B1E, -B1F, -B1H3, -B2A, -B2C, -B2D, -B2E, -B2G, -C1A, -C1B, -C1C3, -C2A, -C2B, -C2C



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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCM Eligibility	Model/Series Eligibility
Carburetor (MA-4-5 type)	10-4404	72740	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-4404 <u>Rev:</u> 49 <u>Date:</u> 05/20/2011 or later FAA-approved revisions	Textron Lycoming Engines	O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4D5, -B1A5, -B1B5, -B2A5, -B2B5, -B4B5, -E1A5, -E4A5, -E4B5, -E4C5, -J1A5D, -J1B5D
Carburetor (MA-4-5 type)	10-4404-1	74121	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-4404-1 <u>Rev:</u> 37 <u>Date:</u> 05/20/2011 or later FAA-approved revisions	Textron Lycoming Engines	O-540-A15D, -B2B5, -B2C5, -B2C5D, -G1A5, -G2A5, -H1B5D, -H2A5, -H2B5D
Carburetor (MA-6AA type)	10-4438-1	73899	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-4438-1 <u>Rev:</u> 33 <u>Date:</u> 05/20/2011 or later FAA-approved revisions	Textron Lycoming Engines	TVO-435-A1A, -B1A, -B1B, -D1A, -D1B, -F1A, -G1A, -G1B
Carburetor (MA-4SPA type)	10-4910	77279	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-4910 <u>Rev:</u> 29 <u>Date:</u> 05/20/2011 or later FAA-approved revisions	Textron Lycoming Engines	O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B3A, -B3B, -B3C, -B2E, -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1C, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD,

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCM Eligibility	Model/Series Eligibility
					-H1BD, -H2AD, -H2BD, -H3AD, -H3BD
Carburetor (MA-4SPA type)	10-4910-1	LW-16559	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-4910-1 <u>Rev:</u> 8 <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B3A, -B3B, -B3C, -B2E, -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1C, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD
Carburetor (MA-3A type)	10-4953	77585	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-4953 <u>Rev:</u> 14 <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-235-C2C, -F1B, -L2C
Carburetor (MA-6AA type)	10-4975	77888	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-4975 <u>Rev:</u> 19 <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-540-B1B3
Carburetor (MA-3PA type)	10-4978-1	77939	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-4978-1 <u>Rev:</u> 16 <u>Date:</u> 05/20/2011	Textron Lycoming Engines	O-235-C2A, -G2A, -L2C

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			or later FAA–approved revisions		
Carburetor (MA-4SPA type)	10-5009	78728	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-5009 <u>Rev:</u> 26 <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-320-A1B, -A2B, -B2B, -D1F, -D2F, -E1C, -E1F, -E1J, -E2A, -E2D, -E2F, -E2G, -E3H, -H1AD, -D2C, -E1A, -E2C, -E3D, -H2AD
Carburetor (MA-4-5 type)	10-5034	LW-10064	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-5034 <u>Rev:</u> 25 <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-360-A1F6, -A1F6D, -A4N, -A2F
Carburetor (MA-4-5 type)	10-5042	LW-10196	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-5042 <u>Rev:</u> 21 <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5, -B4A5, -B4B5, -D1A5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1A5, -H2A5, -H1A5D, -H2A5D, -H1B5D, -H2B5D, -J1A5D, -J2A5D, J1B5D, -J2B5D, -J3A5D, -J3A5
Carburetor (MA-3PA type)	10-5050	LW-10619	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-5050 <u>Rev:</u> 16 <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-235-C1, -C2A, -C2C, -E2A, -H2C



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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCM Eligibility	Model/Series Eligibility
Carburetor (MA-4-5 type)	10-5054	LW-10540	Test and Computation per 14 CFR § 21.303 <u>Dwg. No: 10-5054</u> <u>Rev: 22</u> <u>Date: 05/20/2011</u> or later FAA–approved revisions	Textron Lycoming Engines	O-540-B2B5, -B4B5, -B4B5D, -E4B5, -E4B5D, -J1A5D, -J2A5D, -J3A5D
Carburetor (MA-4SPA type)	10-5062	LW-11222	Test and Computation per 14 CFR § 21.303 <u>Dwg. No: 10-5062</u> <u>Rev: 15</u> <u>Date: 05/20/2011</u> or later FAA–approved revisions	Textron Lycoming Engines	O-320-A2C, -D1A, -D1AD, -D2G, -D2H, -D2J, -D3G, -E1J, -E2A, -E2D, -E2G, -E2H, -E3D, -E3H, -H2AD
Carburetor (MA-3PA type)	10-5126	LW-13133	Test and Computation per 14 CFR § 21.303 <u>Dwg. No: 10-5126</u> <u>Rev: 10</u> <u>Date: 05/20/2011</u> or later FAA–approved revisions	Textron Lycoming Engines	O-235-F2A, -F2B, -G1, -G2A, -J2A
Carburetor (MA-4SPA type)	10-5135	LW-13659	Test and Computation per 14 CFR § 21.303 <u>Dwg. No: 10-5135</u> <u>Rev: 11</u> <u>Date: 05/20/2011</u> or later FAA–approved revisions	Textron Lycoming Engines	O-320-A2C, -D1A, -D1AD, -D2G, -D2H, -D2J, -D3G, -E1J, -E2A, -E2D, -E2G, -E2H, -E3D, -E3H, -H2AD
Carburetor (MA-3PA type)	10-5142	LW-14016	Test and Computation per 14 CFR § 21.303 <u>Dwg. No: 10-5142</u> <u>Rev: 9</u> <u>Date: 05/20/2011</u> or later FAA–approved revisions	Textron Lycoming Engines	O-235-H2C, -K2A, -K2B, -L2A, -L2C, -N2A
Carburetor (MA-4-5 type)	10-5193	LW-15380	Test and Computation per 14 CFR § 21.303 <u>Dwg. No: 10-5193</u> <u>Rev: 17</u> <u>Date: 05/20/2011</u> or later FAA–approved revisions	Textron Lycoming Engines	O-360-A1A, -A4A, -A4M

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Carburetor (MA-3A type)	10-5199	LW-15496	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-5199 <u>Rev:</u> 11 <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-235-K2C, -L2A
Carburetor (MA-4SPA type)	10-5217	LW-15986	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-5217 <u>Rev:</u> 10 <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-320-A2C, -D1A, -D1AD, -D2A, -D2G, -D2H, -D2J, -D3G, -E1J, -E2A, -E2D, -E2G, -E2H, -E3D, -E3H, -H2AD
Carburetor (MA-3PA type)	10-5220	LW-16073	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-5220 <u>Rev:</u> 9 <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-235-C1C, -L2A, -M1, -M2C, -N2A, -P2A
Carburetor (MA-3PA type)	10-5257	LW-16677	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-5257 <u>Rev:</u> 7 <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-235-H2C
Carburetor (MA-3PA type)	10-5267	LW-16907	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-5267 <u>Rev:</u> 9 <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-235-M1, -N2A, -N2C, -P1
Carburetor (MA-4-5 type)	10-5288	LW-18788	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-5288 <u>Rev:</u> 12 <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-360-A4N

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCM Eligibility	Model/Series Eligibility
Carburetor (MA-4-5 type)	10-6035	61C22016	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-6035 <u>Rev:</u> C <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5, -B4A5, -B4B5, -D1A5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1A5, -H1A5D, -H2A5, -H2A5D, -H1B5D, -H2B5D, -J1A5D, -J2A5D, -J1B5D, -J2B5D, -J3A5D, -J3A5
Carburetor (MA-4-5 type)	10-6035-1	61C22299	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-6035-1 <u>Rev:</u> E <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5, -B4A5, -B4B5, -D1A5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1A5, -H1A5D, -H2A5, -H2A5D, -H1B5D, -H2B5D, -J1A5D, -J2A5D, -J1B5D, -J2B5D, -J3A5D, -J3A5
Carburetor (MA-4-5 type)	10-6035-11	61C22451	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-6035-11 <u>Rev:</u> F <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-540-F1A5, -F1B5



# **FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL**

Marvel-Schebler Aircraft Carburetors, LLC  
125 Piedmont Avenue  
Gibsonville, NC 27249

PMA NO. PQ4020CE  
SUPPLEMENT NO. 8  
DATE December 30, 2016

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCM Eligibility	Model/Series Eligibility
Carburetor (MA-4-5 type)	10-6045	61C22198	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-6045 <u>Rev:</u> E <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-360-J2A
Carburetor (MA-4-5 type)	10-6054	61C22551	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-6054 <u>Rev:</u> F <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1LD, -A1P, -A2A, -A2D, -A2E, -A2F, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4G, -A4M, -A4N, -A4P, -A5AD, -B1A, -B1B, -B2A, -B2B, -B2C, -C1A, -C1C, -C1E, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -C4F, -C4P, -D1A, -D2A, -D2B
Carburetor (MA-4-5 type)	10-6102	61C23100	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-6102 <u>Rev:</u> G <u>Date:</u> 05/20/2011 or later FAA–approved revisions	Textron Lycoming Engines	O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1LD, -A1P, -A2A, -A2D, -A2E, -A2F, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4G, -A4M, -A4N, -A4P, -A5AD, -B1A, -B1B, -B2A, -B2B, -B2C, -C1A, -C1C, -C1E, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -C4F, -C4P, -D1A, -D2A, -D2B
Carburetor (MA-4-5 type)	10-6104	SV10-6104	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-6104 <u>Rev:</u> E <u>Date:</u> 05/20/2011 or later FAA–approved	Superior Air Parts Engines	O-360-A1A1, -A1A2, -A2A1, -A2A2, -A3A1, -A3A2, -B1A1, -B1A2, -B2A1, -B2A2, -B3A1, -B3A2, -B4A1, -B4A2, -B5A1, -B5A2, -B6A1, -B6A2, -C1A1, -C1A2,

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCM Eligibility	Model/Series Eligibility
			revisions		-C2A1, -C2A2, -C2A1, -C3A2, -D1A1, -D1A2, -D2A1, -D2A2, -D3A1, -D3A2, -D4A1, -D4A2, -D5A1, -D5A2, -D6A1, -D6A2, -E1A1, -E1A2, -E2A1, -E2A2, -E3A1, -E3A2
Carburetor (MA-4-5 type)	10-6108	61C23531	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-6108 <u>Rev:</u> B <u>Date:</u> 05/20/2011 or later FAA-approved revisions	Textron Lycoming Engines	O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1LD, -A1P, -A2A, -A2D, -A2E, -A2F, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4G, -A4M, -A4N, -A4P, -A5AD, -B1A, -B1B, -B2A, -B2B, -B2C, -C1A, -C1C, -C1E, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -C4F, -C4P, -D1A, -D2A, -D2B, -J2A
Carburetor (MA-4SPA type)	10-6110	61B23955	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> 10-6110 <u>Rev:</u> C <u>Date:</u> 05/20/2011 or later FAA-approved revisions	Textron Lycoming Engines	O-360-J2A

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

## FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

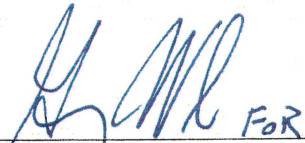
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### GENERAL NOTES:

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.

Handwritten signature of Christina Underwood in blue ink, with the letters "FOR" written in blue ink to the right of the signature.

Christina Underwood, Manager  
Atlanta Aircraft Certification Office

Handwritten signature of Jim Hall in blue ink.

Jim Hall, Acting Manager  
Atlanta Manufacturing Inspection  
District Office