



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

Aviation Safety

2200 South 216th Street  
Des Moines, WA 98198

March 5, 2020

Precision Airmotive, LLC  
Attn: Mr. Jeff Sitter  
17716 48<sup>th</sup> Drive NE  
Arlington, WA 98223

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Dear Mr. Sitter:

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 Federal Aviation Administration (FAA) has found that the design data, based on Test and Computations with your letter dated November 11, 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 Precision Airmotive, LLC has established the quality system required by § 21.307 at 17716 48<sup>th</sup> Drive NE, Arlington, WA 98223. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 3 Rev 1.

You are reminded that the provisions of 14 CFR, parts 21 and 45, apply to the enclosed PMA Listing-Supplement No. 3 Rev 1. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

James Hampton  
Aviation Safety  
Aviation Safety Inspector, Seattle  
MIDO Section

Enclosure



| <u>ARTICLE NAME</u> | <u>ARTICLE NUMBER</u> | <u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u> | <u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>  | <u>MAKE/TCH ELIGIBILITY</u> | <u>MODEL/SERIES ELIGIBILITY</u>  |
|---------------------|-----------------------|--|---|-----------------------------|--|
| Seal                | CF631330              | 631330   | Test and Computation<br>Per 14 CFR § 21.303,<br><u>Dwg. No.</u> CF631330<br><u>Rev:</u> B<br><u>Date:</u> 4/5/2016 or later<br>FAA approved revisions | Continental                 | IO-240-A, -B<br><br>IO-360-A, -AB, -C,<br>-CB, -D, -DB, -G,<br>-GB, -H, -HB, -J,<br>-JB, -K, -KB<br><br>IO-470-C, -D, -E, -F,<br>-H, -J, -K, -L, -M,<br>-N, -S, -U<br><br>IO-520-A, -B, -BA,<br>-BB, -C, -CB, -D, -E,<br>-F, -J, -K, -L, -M,<br>-MB<br><br>IO-550-B, -C, -D, -E,<br>-G, -L, -N<br><br>LTSIO-360-E, -EB,<br>-KB<br><br>LTSIO-520-AE<br><br>TSIO-360-A, -AB, -C,<br>-CB, -D, -DB, -E,<br>-EB, -F, -FB, -H,<br>-HB, -JB, -KB, -LB,<br>-SB<br><br>TSIO-520-AE, -AF,<br>-B, -BB, -BE, -C,<br>-CE, -D, -DB, -E,<br>-EB, -G, -H, -J, -JB,<br>-K, -KB, -M, -N,<br>-NB, -P, -R, -T, -UB,<br>-VB<br><br>GTSIO-520-C, -D, -F,<br>-H, -L, -M, -N<br><br>TSIOL-550-A, -B, -C<br><br>Continental<br>Motors Inc.<br>TSIO-550-A,<br>TSIO-550-B,<br>TSIO-550-C,<br>TSIO-550-E |

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|---------------------|-----------------------|--|---|-----------------------------|---|
| Belleville Washer   | CF646448-1            | 646448-1                                       | Test and Computation<br>Per 14 CFR § 21.303,<br><u>Dwg. No.</u> CF646448-1<br><u>Rev:</u> 2<br><u>Date:</u> 4/6/2016 or later<br>FAA approved revisions | Continental                 | IO-360-C, -CB, -D,<br>-DB, -G, -GB, -J, -K<br><br>IO-470-C, -D, -E, -F,<br>-H, -J, -K, -L, -M,<br>-N, -S, -U, -V<br><br>IO-520-A, -B, -BB, -C,<br>-CB, -D, -E, -F, -J,<br>-K, -L, -M, -MB<br><br>IO-550-A, -B, -C, -D,<br>-N<br><br>LTSIO-360-E, -EB,<br>-KB<br><br>LTSIO-520-AE<br><br>TSIO-360-A, -AB, -C,<br>-CB, -D, -DB, -E,<br>-EB, -F, -FB, -H,<br>-HB, -JB, -KB, -LB,<br>-MB, -SB<br><br>TSIO-520-AE, -AF,<br>-B, -BB, -BE, -C,<br>-CE, -D, -DB, -E,<br>-EB, -G, -H, -J, -JB,<br>-K, -KB, -L, -LB,<br>-M, -N, -NB, -P, -R,<br>-T, -UB, -VB, -WB<br><br>TSIOL-550-A, -B, -C<br><br>GTSIO-520-C, -D, -H,<br>-L, -M<br><br>IO-550-A, -B, -C<br><br>Continental<br>Motors Inc.<br>TSIO-550-A,<br>TSIO-550-B,<br>TSIO-550-C,<br>TSIO-550-E |

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|---------------------|-----------------------|--|---|-----------------------------|--|
| Seal                | CF649198              | 649198   | Test and Computation<br>Per 14 CFR § 21.303,<br><u>Dwg. No.</u> CF649198<br><u>Rev:</u> B<br><u>Date:</u> 4/6/2016 or later<br>FAA approved revisions | Continental                 | IO-470-C, -D, -E, -F,<br>-H, -J, -K, -L, -M,<br>-N, -S, -U, -V<br><br>IO-520-A, -B, -BA,<br>-BB, -C, -CB, -D, -E,<br>-F, -J, -K, -L, -M,<br>-MB<br><br>IO-550-A, -B, -C, -D,<br>-E, -N<br><br>LTSIO-360-E, -EB,<br>-KB<br><br>LTSIO-520-AE<br><br>TSIO-360-A, -AB, -C,<br>-CB, -D, -DB, -E,<br>-EB, -F, -FB, -H,<br>-HB, -JB, -KB, -LB,<br>-MB, -SB<br><br>TSIO-520-AE, -AF,<br>-B, -BB, -BE, -C,<br>-CE, -D, -DB, -E,<br>-EB, -G, -H, -J, -JB,<br>-K, -KB, -L, -LB,<br>-M, -N, -NB, -P, -R,<br>-T, -UB, -VB, -WB<br><br>GTSIO-520-C, -D, -H,<br>-L, -M, -N<br><br>TSIOL-550-A, -B, -C<br><br>Continental<br>Motors Inc. |

