



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

Aviation Safety

2200 South 216th Street
Des Moines, WA 98198

May 29, 2019

Precision Airmotive LLC
Attn: Mr. David Middleton
17716 48th Drive N.E.
Arlington, WA 98223

PQ0111NM

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Dear Mr. Middleton:

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 January 2, 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 48th Drive N.E., Arlington, WA 98223. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 13.

You are reminded that the provisions of 14 CFR, Parts 21 and 45, apply to the enclosed PMA Listing-Supplement No. 13. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

Martin K. Boone Jr.
Aviation Safety
Aviation Safety Inspector,
Seattle MIDO Section

Enclosure



U.S. Department
of Transportation

**Federal Aviation
Administration**

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Precision Airmotive LLC
17716 – 48th Drive NE
Arlington, WA 98223

PMA No. PQ0111NM
Supplement No.: 13
Date: May 29, 2019

<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/TCM ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
Thrust Plate	CF646177	646177	Test and Computation Per 14 CFR § 21.303, <u>Dwg. No.</u> CF646177 <u>Rev:</u> <u>A</u> <u>Date:</u> 5-6-2019 or later FAA – approved revisions	Continental Motors	IO-360-A, -AB, -C, -CB, -D, -DB, -ES, -G, -GB, -H, -HB, -J, -JB, -K, -KB TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -RB, -SB LTSIO-360-E, -EB, -KB, -RB O-470-G, -G-CI IO-470-C, -D, -E, -F, -H, -J, -K, -L, -M, -N, -S, -U, -V IO-520-A, -B, -BA, -BB, -C, -CB, -D -E, -F, -J, -K, -L, -M, -MB, -P L/IO-520-P TSIO-520-AE, -AF, -B, -BB, -BE, -C, -CE, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -UB, -VB, -WB LTSIO-520-AE GTSIO-520-C, -D, -H, -L, -M IO-550-A, -B, -C, -D, -E, -F, -G, -L, -N TSIOL-550-A, -B, -C TSIO-550-A, -B, -C, -D

<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/TCM ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
End Plate	CF646180	646180	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF646180 Rev: A Date: 5-6-2019 or later FAA – approved revisions	Continental Motors	IO-360-A, -AB, -C, -CB, -D, -DB, -ES, -G, -GB, -H, -HB, -J, -JB, -K, -KB TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -RB, -SB LTSIO-360-E, -EB, -KB, -RB O-470-G, -G-CI IO-470-C, -D, -E, -F, -H, -J, -K, -L, -M, -N, -S, -U, -V IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB, -P L/IO-520-P TSIO-520-AE, -AF, -B, -BB, -BE, -C, -CE, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -UB, -VB, -WB LTSIO-520-AE GTSIO-520-C, -D, -H, -L, -M IO-550-A, -B, -C, -D, -E, -F, -G, -L, -N TSIOL-550-A, -B, -C TSIO-550-A, -B, -C, -E

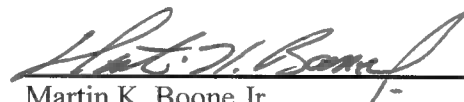
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NOTE:

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.

The ICAs of these articles are the same as those of the articles of the type certificate holders.

Signature on File
 Paul Bernado
 Acting Manager, Seattle ACO Branch
 Compliance & Airworthiness Division
 Aircraft Certification Service, AIR-780


 Martin K. Boone Jr.
 Aviation Safety
 Aviation Safety Inspector, Seattle
 MIDO Section, AIR-872