



U.S. Department
of Transportation

**Federal Aviation
Administration**

Southwest Region
Arkansas, Louisiana,
New Mexico, Oklahoma,
Texas

Manufacturing Inspection District Office
10101 Hillwood Parkway, SW MIDO-42
Fort Worth, Texas 76177-1524

July 6, 2017

Bill Huang
Engineer
Superior Air Parts, Inc.
621 S. Royal Lane, Suite 100
Coppell, TX 75019-3877

FEDERAL AVIATION ADMINISTRATION (FAA)-PARTS MANUFACTURER APPROVAL

Dear Mr. Huang:

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 and submitted by Superior Air Parts, Inc., with your letter dated June 7, 2017, 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 Superior Air Parts, Inc., has established the quality system required by § 21.307 at 621 S. Royal Lane, Suite 100, Coppell, TX 75019-3877. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 204.

You are reminded that the provisions of 14 CFR parts 21 and 45, noted in our PMA letter of approval, dated July 9, 2012, also apply to the enclosed PMA Listing-Supplement No. 204. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

for 

Carlton N. Cochran
Manager, Fort Worth Manufacturing Inspection
District Office

Enclosure
PMA Listing-Supplement No. 204



U.S. Department
of Transportation

**Federal Aviation
Administration**

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL (PMA)

SUPERIOR AIR PARTS, INC.
621 S. Royal Lane, Suite # 100
Coppell, TX 75019-3805

PMA NO. PQ0060SW
SUPPLEMENT NO. 204
DATE: July 6, 2017

| Article Name | Article Number | Approved Replacement For Article Number | Approval Basis and Approved Design Data | Make/TCH Eligibility | Model/Series Eligibility |
|-------------------------|----------------|---|---|----------------------|--|
| Shaft, Rocker | SL13790A | P/N LW-13790 | Test and Computations per 14 CFR §21.303, <u>DWG No:</u> SL13790, <u>Rev:</u> H, <u>Date:</u> 09/22/15, or later FAA approved revisions. | Lycoming Engines | O-360-A1P, -A4P, -B2C, -C4F, -C4P, -J2A HO-360-C1A IO-360-B1G6, -L2A, -M1A, -M1B, -N1A HIO-360-G1A LIO-360-M1A AEIO-360-B1H, -H1B O-540-A4E5 IO-540-T4B5, -V4A5, -W1A5, -AB1A5, -AF1A5 TIO-540-AF1B, -AG1A, -AK1A AEIO-540-D4D5 |
| Bushing, Connecting Rod | SL13923A | P/N LW-13923 P/N 65819 | Test and Computations per 14 CFR §21.303, <u>DWG No:</u> SL13923A, <u>Rev:</u> F, <u>Date:</u> 10/16/14, or later FAA approved revisions. | Lycoming Engines | O-360-A1P, -A4P, -B2C, -C4F, -C4P, -J2A HO-360-C1A IO-360-A3B6, -B1G6, -L2A, -M1A, -M1B IO-360-A3B6, -B1G6, -L2A, -M1A, -M1B HIO-360-G1A LIO-360-M1A |

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| Bushing, Connecting Rod | SL13923A | P/N LW-13923 P/N 65819 | Test and Computations per 14 CFR §21.303, <u>DWG No:</u> SL13923A, <u>Rev:</u> F, <u>Date:</u> 10/16/14, or later FAA approved revisions. | Lycoming Engines | AEIO-360-B1H, -H1B IO-390-C1A6, -C3A6, -C1B6, -C3B6 AEIO-390-A1A6, -A3A6, -A1B6, -A3B6 O-435-A, -A2 VO-435-A1B, -A1C, -A1D, -A1E, -A1F TVO-435-A1A, -B1A O-540-A4E5 IO-540-T4B5, -V4A5, -W1A5, -AB1A5, -AC1A5, -AE1A5, -AF1A5, -AG1A5 TIO-540-AF1B, -AG1A, -AH1A, -AJ1A, -AK1A AEIO-540-D4D5 IO-580-B1A AEIO-580-B1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C, -D1CD |

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|--------------|----------------|---|---|----------------------|--------------------------|

-----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 

Jim Grigg
Manager, Fort Worth Aircraft Certification Office
Aircraft Certification Service

for 

Carlton N. Cochran
Manager, Fort Worth Manufacturing Inspection
District Office