



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

SEP 15 2016

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, submitted by Superior Air Parts, Inc., with your letter dated June 24, 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 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. 95, revision 4.

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. 95, revision 4. 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 that reads "Carlton N. Cochran".

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

Enclosure
PMA Listing-Supplement No. 95, revision 4



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**Federal Aviation
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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. 95
REVISION NO. 4
DATE: SEP 15 2016

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Plate, Crankshaft Damper	SA643629	P/N 643629 P/N 635623 P/N 629105 P/N 352115	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> SA643629, <u>Rev:</u> G, <u>Date:</u> 09/01/09, or later FAA approved revisions.	Continental Motors	E-165-2 E-185-1, -3, -8, -9, -11 E-225-4, -8 O-470-A, -B, -E, -G, -G-CI, -J, -K, -L, -M, -P, -R, -S, -U IO-470-C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -U, -V, -VO TSIO-470-B, -C, -D IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB 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, -U, -UB, -VB, -WB LTSIO-520-AE IO-550-A, -B, -C, -D, -E, -F, -G, -L, -N, -P, -R IOF-550-N, -P, -R TSIO-550-A, -B, -C, -E, -G, -K, -N TSIOF-550-D, -J, -K, -P TSIOL-550-A, -C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA NO. PQ0060SW
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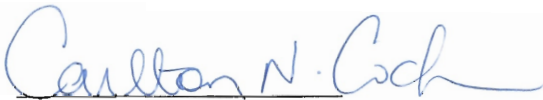
Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Screw, Hex Head	SA649205	P/N 649205 P/N 634080	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> SA649205, <u>Rev:</u> C, <u>Date:</u> 10/12/09, or later FAA approved revisions.	Continental Motors	IO-520-B, -BA, -BB, -C, -CB, -M, -MB TSIO-520-B, -BB, -BE, -D, -DB, -E, -EB, -J, -JB, -K, -KB, -L, -LB, -N, -NB, -UB, -VB, -WB
Screw, Hex Head	SA649205	P/N 649205 P/N 634080	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> SA649205, <u>Rev:</u> C, <u>Date:</u> 10/12/09, or later FAA approved revisions.	Continental Motors	GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N IO-550-A, -B, -C, -G, -N, -P, -R IOF-550-N, -P, -R TSIO-550-A, -B, -C, -E, -G, -K, -N TSIOF-550-D, -J, -K, -P TSIOL-550-A, -C

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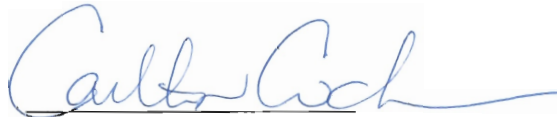
GENERAL NOTES:

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.



John Hardie,
Acting Manager, Fort Worth Aircraft
Certification Office



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