



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

Aviation Safety
Fort Worth Certificate Management Section

10101 Hillwood Parkway
Fort Worth, Texas 76177

March 26, 2025

Mr. Bill Huang
Superior Air Parts, Inc.
621 S. Royal Lane
Coppell, Texas 75019

Dear Mr. Huang:

In accordance with title 14, Code of Federal Regulations (14 CFR), part 21, "Certification Procedures for Products and Articles," subpart K, "Parts Manufacturer Approvals," the FAA has found that the design data, which Superior Air Parts, Inc. based on test and computation as submitted in your letter dated July 10, 2024, meet the airworthiness requirements of 14 CFR 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, "Quality system," at 621 S. Royal Lane, Coppell, Texas 75019. Accordingly, the FAA hereby grants Parts Manufacturer Approval (PMA) to Superior Air Parts, Inc. for production of the replacement articles listed in the enclosed Supplement No. 318, Revision 1.

You are reminded that the provisions of 14 CFR parts 21 and 45, noted in our PMA letter of approval dated July 09, 2012, also apply to the enclosed PMA Listing - Supplement No. 318, Revision 1. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

CARLTON N

COCHRAN

Carlton N. Cochran

Manager, Fort Worth Certificate Management Section, AIR-862
Aviation Safety

Digitally signed by CARLTON N
COCHRAN

Date: 2025.03.26 08:07:00 -05'00'

Enclosure

PMA Listing - Supplement No. 318, Revision 1



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

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Superior Air Parts, Inc.
621 S. Royal Lane, Suite 100
Coppell, Texas 75019

PMA No. PQ0060SW
Supplement No. 318
Revision 1
Date March 26, 2025

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Piston	SA648044 P010	654840 P010 654724 P010 648033 P010 646303 P010 642761 P010	Test and Computations per 14 CFR § 21.303, DWG NO: SA648044, REV: H DATE: 07/12/2017 or later FAA-approved revisions	Continental Aerospace Technologies	TSIO-520-AF, -BB, -BE, -CE, -DB, -EB, -G, -H, -JB, -K, -KB, -LB, -M, -NB, -P, -R, -T, -UB, -VB, -WB GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N
Piston	SA648044 P015	654840 P015 654724 P015 648033 P015 646303 P015 642761 P015	Test and Computations per 14 CFR § 21.303, DWG NO: SA648044, REV: H DATE: 07/12/2017 or later FAA-approved revisions	Continental Aerospace Technologies	TSIO-520-AF, -BB, -BE, -CE, -DB, -EB, -G, -H, -JB, -K, -KB, -LB, -M, -NB, -P, -R, -T, -UB, -VB, -WB GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N

-----End of Listing-----

GENERAL NOTES:

Provide minor design changes in a manner as determined by the cognizant FAA certification branch. Process major design changes to drawings and specifications in the same manner as that for an original FAA PMA.

The FAA accepted the instructions for continued airworthiness (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.

**CARLTON N
COCHRAN** Digitally signed by
CARLTON N
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for Paul Nguyen
Manager, Central Certification Branch
Compliance and Airworthiness Division
Aircraft Certification Service

**CARLTON N
COCHRAN** Digitally signed by
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Carlton N. Cochran
Manager, Fort Worth CM Section, AIR-862
Aviation Safety