



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

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

Manufacturing Inspection District Office
2601 Meacham Blvd., SW MIDO-42
Fort Worth, Texas 76137

April 15, 2011

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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR), Part 21, Certification Procedures for Products and Parts, subpart K, the Federal Aviation Administration (FAA) has found that the design data, based on Test and Computation submitted by Superior Air Parts, Inc., with your letter dated March 9, 2011, (FAAL-1371), meet the airworthiness requirements of the regulations applicable to the products on which the parts are to be installed. Additionally, the FAA has determined that Superior Air Parts, Inc., has established the fabrication inspection system required by § 21.303(h) at 621 S. Royal Lane, Suite 100, Coppell, Texas 75019. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 29, revision 2. Supplement No. 29, revision 2, dated April 15, 2011, updates Supplement No. 29, revision 1, dated September 27, 1993. The purpose of the revision is to include over-sized parts, not previously listed on Supplement No. 29, revision 1. Supplement No. 29, revision 2, replaces Supplement No. 29, revision 1.

You are reminded that the provisions of 14 CFR, Parts 21 and 45, noted in our PMA letter of approval dated March 30, 2006, also apply to the enclosed PMA Listing-Supplement No. 29, revision 2. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the parts concerned.

Sincerely,

Carlton N. Cochran
Manager, Fort Worth Manufacturing Inspection District Office
SW MIDO-42

Enclosure
PMA Supplement No. 29, revision 2



U.S. Department
of Transportation
**Federal Aviation
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FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA NO. PQ0060SW
SUPPLEMENT NO. 29
REVISION 2
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Piston Ring, Oil Control	SA4001	639567 & 639568	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA4001 <u>Rev:</u> L <u>Date:</u> 07/28/1989 or later FAA-approved revisions	Continental	O-470-A, -B, -E, -G, -J,-K,-L,-M, -P IO-470-C O-470-4, -7B, -11, -13, -13A IO-470-J, -K LIO-470-A E185-1, -3, -8, -9, -11 E225-4, -8
Piston Ring, Oil Control	SA4001 P005	639567 P5 & 639568 P5	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA4001 <u>Rev:</u> L <u>Date:</u> 07/28/1989 or later FAA-approved revisions	Continental	O-470-A, -B, -E, -G, -J,-K,-L,-M, -P IO-470-C O-470-4, -7B, -11, -13, -13A IO-470--J, -K LIO-470-A E185-1, -3, -8, -9, -11 E225-4, -8
Piston Ring, Oil Control	SA4001 P.015	639567 P15 & 639568 P15	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA4001 <u>Rev:</u> L <u>Date:</u> 07/28/1989 or later FAA-approved revisions	Continental	O-470-A, -B, -E, -G, -J,-K,-L,-M, -P IO-470-C O-470-4, -7B, -11, -13, -13A IO-470--J, -K LIO-470-A E185-1, -3, -8, -9, -11 E225-4, -8
Ring	SA4707	639768, 536939, 629827 & 640300	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA4707, <u>Rev:</u> H <u>Date:</u> 1/25/2008 or later FAA-approved revisions	Continental	O-470-A, -E,-G, -J,-K,-L,-M, -R,-U O-470-4, -7B, -11, -13, -13A E165-2 E185-1, -3, -8, -9, -11 E225-4, -8
Ring	SA4707 P05	639768 P05, 536939 P05, 629827 P05 & 640300 P50	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA4707, <u>Rev:</u> H <u>Date:</u> 1/25/2008 or later FAA-approved revisions	Continental	O-470-A, -E,-G, -J,-K,-L,-M, -R,-U O-470-4, -7B, -11, -13, -13A E165-2 E185-1, -3, -8, -9, -11 E225-4, -8

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

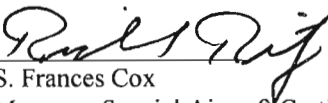
SUPERIOR AIR PARTS, INC.
621 S. Royal Lane, Suite # 100
Coppell, TX 75019-3805

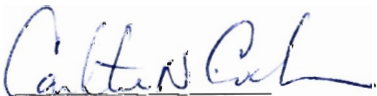
PMA NO. PQ0060SW
SUPPLEMENT NO. 29
REVISION 2
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring	SA4707 P15	639768 P15, 536939 P15, 629827 P15 & 640300 P15	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA4707, <u>Rev:</u> H <u>Date:</u> 1/25/2008 or later FAA-approved revisions -----End of Listing-----	Continental	O-470-A, -E, -G, -J, -K, -L, -M, -R, -U O-470-4, -7B, -11, -13, -13A E165-2 E185-1, -3, -8, -9, -11 E225-4, -8

NOTE:

- 1) 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.
- 2) The FAA approved ICA for the above parts with their designs. These ICA may refer to those of the respective parts from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement parts. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.
- 3) Supplement 29, revision 2, dated April 15, 2011, updates Supplement 29, revision 1 dated September 27, 1993. The purpose of the revision is to include over-sized parts, not previously listed on Supplement 29, revision 1. Supplement 29, revision 2 replaces Supplement 29, revision 1.


S. Frances Cox
Manager, Special Aircraft Certification Office
ASW-190


Carlton N. Cochran
Manager, Fort Worth Manufacturing Inspection District Office
SW MIDO-42