



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

Rotorcraft Directorate
Fort Worth Manufacturing Inspection District Office
2601 Meacham Boulevard
Fort Worth, Texas 76137-4298

August 12, 2011

Mr. Bill Blackwood
Director of Quality Assurance
Superior Air Parts, Inc.
621 S. Royal Lane, Suite 100
Coppell, Texas 75019

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Dear Mr. Blackwood:

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 letters (FAAL-1466 & 1469) dated June 13, 2011, and June 27, 2011, 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, Texas 75019. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 90, revision 3. Supplement No. 90, revision 3 updates Supplement No. 90. All previous revisions remain in effective.

You are reminded that the provisions of 14 CFR, parts 21 and 45, noted in our PMA letter of approval dated July 18, 2011, also apply to the enclosed PMA Listing-Supplement No. 90, revision 3. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

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

Enclosure:
PMA Listing-Supplement No. 90, revision 3



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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. 90
REVISION 3
DATE August 10, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Gasket	646234	646234	Test and Computations per 14 CFR § 21.303, <u>DWG NO:</u> SA646234, <u>REV:</u> E <u>DATE:</u> 10/08/2010 or later FAA-approved revisions	Continental	IO-346-A E165-2 E185-1, -3, -8, -9, -11 E225-4, -8 IO-470-J, -K O-470-A, -E, -J LTSIO-520-AE TSIO-520-AE
Gasket	646234-S	646234	Test and Computations per 14 CFR § 21.303, <u>DWG NO:</u> SA646234, <u>REV:</u> E <u>DATE:</u> 10/08/2010 or later FAA-approved revisions	Continental	IO-346-A E165-2 E185-1, -3, -8, -9, -11 E225-4, -8 IO-470-J, -K O-470-A, -E, -J LTSIO-520-AE TSIO-520-AE
Housing, Pushrod	SA21284	21284	Test and Computations per 14 CFR § 21.303, <u>DWG NO:</u> SA21284, <u>REV:</u> J <u>DATE:</u> 02/09/2005 or later FAA-approved revisions	Continental	A-65-1, -3, -6, -6J, -7, -8, -8F, -8FJ, -8J, -9, -9F, -9FJ, -9J, -12, -12F, -12FJ, -12J, -14, -14F, -14FJ, -14J A75-3, -6, -6J, -8, -8F, -8FJ, -8J, -9, -9J C75-8, -8F, -8FH, -8FHJ, -8FJ, -8J, -12, -12F, -12FH, -12FHJ, -12FJ, -12J, -12B, -12BF, -12BFH, -15, -15F C85-8, -8F, -8FHJ, -8FJ, -8J, -12, -12F, -12FH, -12FHJ, -12FJ, -12J, -14F, -15, -15F C90-8F, -8FJ, -12F, -12FH, -12FJ, -12FP, -14F, -14FH, -14FJ, -16F O-200-A, -B C-125-2 C-145-2, -2H O-300-A, -B, -C, -D GO-300-A, -C, -D, -E

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

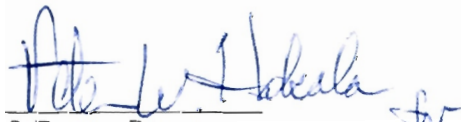
PMA NO. PQ0060SW
SUPPLEMENT NO. 90
REVISION 3
DATE August 10, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Housing, Pushrod	SA21284 P005	21284 P05	Test and Computations per 14 CFR § 21.303, <u>DWG NO:</u> SA21284, <u>REV:</u> J <u>DATE:</u> 02/09/2005 or later FAA-approved revisions	Continental	A-65-1, -3, -6, -6J, -7, -8, -8F, -8FJ, -8J, -9, -9F, -9FJ, -9J, -12, -12F, -12FJ, -12J, -14, -14F, -14FJ, -14J A75-3, -6, -6J, -8, -8F, -8FJ, -8J, -9, -9J C75-8, -8F, -8FH, -8FHJ, -8FJ, -8J, -12, -12F, -12FH, -12FHJ, -12FJ, -12J, -12B, -12BF, -12BFH, -15, -15F C85-8, -8F, -8FHJ, -8FJ, -8J, -12, -12F, -12FH, -12FHJ, -12FJ, -12J, -14F, -15, -15F C90-8F, -8FJ, -12F, -12FH, -12FJ, -12FP, -14F, -14FH, -14FJ, -16F O-200-A, -B C-125-2 C-145-2, -2H O-300-A, -B, -C, -D GO-300-A, -C, -D, -E

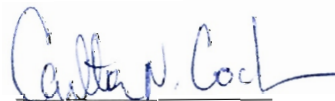
-----End of Listing-----

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 90, revision 3 updates Supplement 90, revision 1. The purpose of the revision is to include over-sized parts, not previously listed on Supplement 90, revision 1. Supplement 90, revision 1, remains in effect.



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



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