



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

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

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 Computations submitted by Superior Air Parts, Inc., with your letters dated April 5, 2011 (FAAL-1451), 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. 62, revision 1. Supplement No. 62, revision 1, dated April 15, 2011, updates Supplement No. 62, dated June 27, 1984. The purpose of the revision is to include over-sized part numbers, not previously listed on Supplement No. 62. Supplement No. 62 remains in effect.

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. 62, revision 1. 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. 62, revision 1



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FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

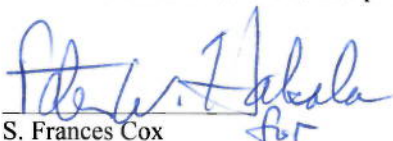
PMA NO. PQ0060SW
SUPPLEMENT NO. 62
REVISION 1
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Piston	SL10545	LW-10545	Test and Computations per 14 CFR § 21.303, <u>DWG NO:</u> SL10545, <u>REV:</u> AP <u>DATE:</u> 12/08/2009 or later FAA-approved revisions	Lycoming Engines	TIO-360-A1B, -A3B6, -C1A6D TO-360-C1A6D, -F1A6D IO-540-A1A5 LTIO-540-F2BD, -J2B, -J2BD, -N2BD, -R2AD, -U2A, -V2AD TIO-540-A1A, -A1B, -A2A, -A2B, -A2C, -F2BD, -J2B, -J2BD, -N2BD, -R2AD, -S1AD, -U2A, -V2AD TIGO-541-E1A, -D1B TIO-541-A1A, -E1A4, -E1B4, -E1C4, -E1D4
Piston	SL10545-P10	LW-10545	Test and Computations per 14 CFR § 21.303, <u>DWG NO:</u> SL10545, <u>REV:</u> AP <u>DATE:</u> 12/08/2009 or later FAA-approved revisions	Lycoming Engines	TIO-360-A1B, -A3B6, -C1A6D TO-360-C1A6D, -F1A6D IO-540-A1A5 LTIO-540-F2BD, -J2B, -J2BD, -N2BD, -R2AD, -U2A, -V2AD TIO-540-A1A, -A1B, -A2A, -A2B, -A2C, -F2BD, -J2B, -J2BD, -N2BD, -R2AD, -S1AD, -U2A, -V2AD TIGO-541-E1A, -D1B TIO-541-A1A, -E1A4, -E1B4, -E1C4, -E1D4

-----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 62, revision 1, dated April 15, 2011, updates Supplement 62, dated June 27, 1984. The purpose of the revision is to include over-sized part numbers, not previously listed on Supplement 62. Supplement 62 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