



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

585
20100217

February 8, 2010

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

FEDERAL AVIATION ADMINISTRATION (FAA) - PARTS MANUFACTURER
APPROVAL (PMA)

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 FAA has found that the design data, based on Test and Computation, submitted by Superior Air Parts, Inc., with your letter, dated August 26, 2008, meets 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, PMA is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 136, Revision 1.

You are reminded that the provisions of 14 CFR, Parts 21 and 45, noted in our PMA letter of approval, dated January 26, 1994, also apply to the enclosed PMA Listing-Supplement No. 136, Revision 1. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the parts concerned.

Sincerely,

Bruce E. Cain
Manager, Manufacturing Inspection District Office
SW MIDO-42

Enclosure
PMA Listing-Supplement No. 136, Revision 1.



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FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA NO. PQ0060SW
SUPPLEMENT NO. 136
REVISION NO. 1
DATE February 8, 2010

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Plunger Unit	SA646846	646846 637269 531694 21609	Test and Computations per 14 CFR § 21.303 <u>DWG.No: SA646846</u> <u>Rev: J</u> <u>Date: 04/01/08</u> or later FAA-approved revisions	Teledyne Continental Motors	A-65-1, -3, -6, -6J, -7, -8, -8F, -8FJ, -8J, -9, -9F, -9FJ, -9J, -12, -12F, -12FJ, -12J, -14, -14F, -14FJ, -14J
“	“	“	“	“	A-75-3, -6, -6J, -8, -8F, -8J, -8FJ, -9, -9J
“	“	“	“	“	C-75-8, -8F, -8FH, -8FHJ, -8FJ, -8J, -12, -12B, -12BF, -12BFJ, -12F, -12FH, -12FHJ, -12FJ, -12J, -15, -15F
“	“	“	“	“	C-85-8, -8F, -8FHJ, -8FJ, -8J, -12, -12F, -12FH, -12FHJ, -12FJ, -12J, -14F, -15, -15F
“	“	“	“	“	C-90-8F, -8FJ, -12F, -12FH, -12FJ, -12FP, -14F, -14FH, -14FJ, -16F
“	“	“	“	“	C-125-1, -2
“	“	“	“	“	C-145-2, -2H, -2HP
“	“	“	“	“	E165-2, -3, -4
“	“	“	“	“	E185-1, -2, -3, -5, -8, -9, -10, -11
“	“	“	“	“	E225-2, -4, -8, -9
“	“	“	“	“	O-200-A, -B, -C
“	“	“	“	“	O-300-A, -B, -C, -D, -E
“	“	“	“	“	GO-300-A, -B, -C, -D, -E, -F

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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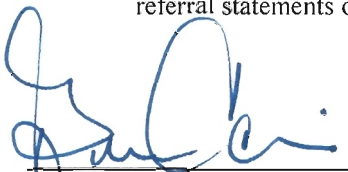
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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Camshaft Assembly	SA649520-A3	654084A1 654837A1 653058A1 649322A1 629726A3	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> SA64520-A3 <u>Rev:</u> A <u>Date:</u> 11/06/98 or later FAA-approved revisions	Teledyne Continental Motors	IO-520-B, -BA, -BB, -C, -CB, -M, -MB, -N, -NB
"	"	"	"	"	TSIO-520-B, -BB, -BE, -D, -DB, -E, -EB, -J, -JB, -K, -KB, -L, -LB, -N, -NB, -U, -B, -VB, -WB
"	"	"	"	"	IO-550-A, -B, -C, -G, -N, -P, -R
"	"	"	"	"	IOF-550-B, C, N, P, R
"	"	"	"	"	TSIO-550-A, B, C, E, G
"	"	"	"	"	TSIOL-550-A, B, C

-----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.



Bruce E. Cain
Manager, Manufacturing Inspection District Office
SW MIDO-42

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