



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

January 28, 2011

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 January 21, 2011, 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. 1, revision 2 dated January 28, 2011. All previously issued revisions remain 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. 1, 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, Manufacturing Inspection District Office
SW MIDO-42

Enclosure
PMA Supplement No. 1, revision 2 dated January 28, 2011.



U.S. Department
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**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. 1
REVISION 2
DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Bushing, Rocker Shaft Boss	SA22949	Teledyne Continental Part Number 22949	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA 22949, <u>Rev:</u> D <u>Date:</u> 06/17/02 or later FAA-approved revisions	Continental	C75-8, -8F, -8FH, -8FHJ, -8FJ, -8J C75-12, -12F, -12FH, -12FHJ, -2FJ, -12J C75-12B, -12BF, -12BFH C75-15, -15F C85-8, -8F, -8FHJ, -8FJ, -8J C85-12, -12F, -12FH, -12FHJ, -2FJ, -12J C85-14F C85-15, -15F C90-8F, -8FJ C90-12F, -12FH, -12FJ, -12FP C90-14F, -14FH, -14FJ, -16F O-200-A, -B, -C, -D, -X C-125-1, -2 C145-2, -2H, -2HP O-300-A, -B, -C, -D, -E
Bushing, Rocker Shaft Boss	SA22949 P05	Teledyne Continental Part Number 22949 P05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA 22949, <u>Rev:</u> D <u>Date:</u> 06/17/02 or later FAA-approved revisions	Continental	C75-8, -8F, -8FH, -8FHJ, -8FJ, -8J C75-12, -12F, -12FH, -12FHJ, -2FJ, -12J C75-12B, -12BF, -12BFH C75-15, -15F C85-8, -8F, -8FHJ, -8FJ, -8J C85-12, -12F, -12FH, -12FHJ, -2FJ, -12J C85-14F C85-15, -15F C90-8F, -8FJ C90-12F, -12FH, -12FJ, -12FP C90-14F, -14FH, -14FJ, -16F O-200-A, -B, -C, -D, -X C-125-1, -2 C145-2, -2H, -2HP O-300-A, -B, -C, -D, -E

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Bushing, Rocker Shaft Boss	SA22949 P20	Teledyne Continental Part Number 22949 P20	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA 22949, <u>Rev:</u> D <u>Date:</u> 06/17/02 or later FAA-approved revisions	Continental	C75-8, -8F, -8FH, -8FHJ, -8FJ, -8J C75-12, -12F, -12FH, -12FHJ, -2FJ, -12J C75-12B, -12BF, -12BFH C75-15, -15F C85-8, -8F, -8FHJ, -8FJ, -8J C85-12, -12F, -12FH, -12FHJ, -2FJ, -12J C85-14F C85-15, -15F C90-8F, -8FJ C90-12F, -12FH, -12FJ, -12FP C90-14F, -14FH, -14FJ, -16F O-200-A, -B, -C, -D, -X C-125-1, -2 C145-2, -2H, -2HP O-300-A, -B, -C, -D, -E
Bushing, Rocker Shaft Boss	SA22949 M05	Teledyne Continental Part Number 22949 M05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA 22949, <u>Rev:</u> D <u>Date:</u> 06/17/02 or later FAA-approved revisions	Continental	C75-8, -8F, -8FH, -8FHJ, -8FJ, -8J C75-12, -12F, -12FH, -12FHJ, -2FJ, -12J C75-12B, -12BF, -12BFH C75-15, -15F C85-8, -8F, -8FHJ, -8FJ, -8J C85-12, -12F, -12FH, -12FHJ, -2FJ, -12J C85-14F C85-15, -15F C90-8F, -8FJ C90-12F, -12FH, -12FJ, -12FP C90-14F, -14FH, -14FJ, -16F O-200-A, -B, -C, -D, -X C-125-1, -2 C145-2, -2H, -2HP O-300-A, -B, -C, -D, -E
Bearing, Main	SA36170	Teledyne Continental Part Number 36170	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA36170, <u>Rev:</u> T <u>Date:</u> 10/24/05 or later FAA-approved revisions	Continental	C125-1, 2 C145-2 O-300-A, C, D, E
Bearing, Main	SA36170 M05	Teledyne Continental Part Number 36170 M05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA36170, <u>Rev:</u> T <u>Date:</u> 10/24/05 or later FAA-approved revisions	Continental	C125-1, 2 C145-2 O-300-A, C, D, E
Bearing, Main	SA36170 M10	Teledyne Continental Part Number 36170 M10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA36170, <u>Rev:</u> T <u>Date:</u> 10/24/05 or later FAA-approved revisions	Continental	C125-1, 2 C145-2 O-300-A, C, D, E

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Bearing, Main	SA36171	Teledyne Continental Part Number 36171	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA36171, <u>Rev:</u> Q <u>Date:</u> 02/05/07 or later FAA-approved revisions	Continental	C125-1, -2 C145-2, -2H, -2HP O-300-A, -B, -C, -D, -E
Bearing, Main	SA36171 M05	Teledyne Continental Part Number 36171 M05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA36171, <u>Rev:</u> Q <u>Date:</u> 02/05/07 or later FAA-approved revisions	Continental	C125-1, -2 C145-2, -2H, -2HP O-300-A, -B, -C, -D, -E
Bearing, Main	SA36171 M10	Teledyne Continental Part Number 36171 M10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA36171, <u>Rev:</u> Q <u>Date:</u> 02/05/07 or later FAA-approved revisions	Continental	C125-1, -2 C145-2, -2H, -2HP O-300-A, -B, -C, -D, -E
Bearing	SA530058	Teledyne Continental Part Number 530058	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA530058, <u>Rev:</u> U <u>Date:</u> 10/24/05 or later FAA-approved revisions	Continental	A65-1, -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, -8J, -8FJ, -9, -9J C75-8, -8F, -8FH, -8FHJ, -8FJ, -8J C75-12, -12F, -12FH, -12FHJ, -2FJ, -12J C75-12B, -12BF, -12BFH C75-15, -15F C85-8, -8F, -8FHJ, -8FJ, -8J C85-12, -12F, -12FH, -12FHJ, -2FJ, -12J C85-14F C85-15, -15F C90-8F, -8FJ C90-12F, -12FH, -12FJ, -12FP C90-14F, -14FH, -14FJ, -16F O-200-A, -B, -C, -D, -X

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Bearing	SA530058 M05	Teledyne Continental Part Number 530058 M05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA530058, <u>Rev:</u> U <u>Date:</u> 10/24/05 or later FAA-approved revisions	Continental	A65-1, -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, -8J, -8FJ, -9, -9J C75-8, -8F, -8FH, -8FHJ, -8FJ, -8J C75-12, -12F, -12FH, -12FHJ, -2FJ, -12J C75-12B, -12BF, -12BFH C75-15, -15F C85-8, -8F, -8FHJ, -8FJ, -8J C85-12, -12F, -12FH, -12FHJ, -2FJ, -12J C85-14F C85-15, -15F C90-8F, -8FJ C90-12F, -12FH, -12FJ, -12FP C90-14F, -14FH, -14FJ, -16F O-200-A, -B, -C, -D, -X
Bearing C-Shaft Front	SA530058 M10	Teledyne Continental Part Number 530058 M10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA530058, <u>Rev:</u> U <u>Date:</u> 10/24/05 or later FAA-approved revisions	Continental	A65-1, -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, -8J, -8FJ, -9, -9J C75-8, -8F, -8FH, -8FHJ, -8FJ, -8J C75-12, -12F, -12FH, -12FHJ, -2FJ, -12J C75-12B, -12BF, -12BFH C75-15, -15F C85-8, -8F, -8FHJ, -8FJ, -8J C85-12, -12F, -12FH, -12FHJ, -2FJ, -12J C85-14F C85-15, -15F C90-8F, -8FJ C90-12F, -12FH, -12FJ, -12FP C90-14F, -14FH, -14FJ, -16F O-200-A, -B, -C, -D, -X

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Bearing C' Shaft Front	SA530058 M20	Teledyne Continental Part Number 530058 M20	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA530058, <u>Rev:</u> U <u>Date:</u> 10/24/05 or later FAA-approved revisions		A65-1, -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, -8J, -8FJ, -9, -9J C75-8, -8F, -8FH, -8FHJ, -8FJ, -8J C75-12, -12F, -12FH, -12FHJ, -2FJ, -12J C75-12B, -12BF, -12BFH C75-15, -15F C85-8, -8F, -8FHJ, -8FJ, -8J C85-12, -12F, -12FH, -12FHJ, -2FJ, -12J C85-14F C85-15, -15F C90-8F, -8FJ C90-12F, -12FH, -12FJ, -12FP C90-14F, -14FH, -14FJ, -16F O-200-A, -B, -C, -D, -X
Bearing	SA530367	Teledyne Continental Part Number 530367	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA 530367, <u>Rev:</u> A <u>Date:</u> 6/8/94 or later FAA-approved revisions	Continental	IO-346-A, -B E165-2, -3, -4 E185-1, -2, -3, -5, -8, -9, -10, -11 E225-2, 4, -8, -9 IO-470-J, -K O-470-A, -E, -J TSIO-520-AE LTSIO-520-AE
Bearing Valve Rocker	SA530367 +001	Teledyne Continental Part Number 530367 P01	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA 530367, <u>Rev:</u> A <u>Date:</u> 12/05/1967 or later FAA-approved revisions	Continental	IO-346-A, -B E165-2, -3, -4 E185-1, -2, -3, -5, -8, -9, -10, -11 E225-2, 4, -8, -9 IO-470-J, -K O-470-A, -E, -J TSIO-520-AE LTSIO-520-AE
Bearing, Connecting Rod Upper & Lower	SA530383	Teledyne Continental Part Number 350383	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA350383, <u>Rev:</u> W <u>Date:</u> 10/24/05 or later FAA-approved revisions	Continental	E165-2,-3 ,-4 E185-1, -2, -3, 5, -8, -9, -10, -11 E225-2, -4, -8, -9 IO-470-G, -J, -K, -P, -R IO-470-C O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -R
Bearing, Connecting Rod Upper & Lower	SA530383 M02	Teledyne Continental Part Number 350383 M02	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA350383, <u>Rev:</u> W <u>Date:</u> 10/24/05 or later FAA-approved revisions	Continental	E165-2,-3 ,-4 E185-1, -2, -3, 5, -8, -9, -10, -11 E225-2, -4, -8, -9 IO-470- G, -J, -K, -P, -R IO-470-C O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -R

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Bearing, Connecting Rod Upper & Lower	SA530383 M05	Teledyne Continental Part Number 350383 M05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA350383, <u>Rev:</u> W <u>Date:</u> 10/24/05 or later FAA-approved revisions	Continental	E165-2,-3 ,-4 E185-1, -2, -3, 5, -8, -9, -10, -11 E225-2, -4, -8, -9 IO-470- G, -J, -K, -P, -R IO-470-C O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -R
Bearing, Connecting Rod Upper & Lower	SA530383 M10	Teledyne Continental Part Number 350383 M10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA350383, <u>Rev:</u> W <u>Date:</u> 10/24/05 or later FAA-approved revisions	Continental	E165-2,-3 ,-4 E185-1, -2, -3, 5, -8, -9, -10, -11 E225-2, -4, -8, -9 IO-470- G, -J, -K, -P, -R IO-470-C O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -R
Bearing, Crankshaft Thrust	SA537401	Teledyne Continental Part Number 537401	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA537401, <u>Rev:</u> W <u>Date:</u> 02/26/10 or later FAA-approved revisions	Continental	O-470-A, -E, -J, -K, -L
Bearing, Crankshaft Thrust	SA537401 -M05	Teledyne Continental Part Number 537401 M05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA537401, <u>Rev:</u> W <u>Date:</u> 02/26/10 or later FAA-approved revisions	Continental	O-470-A, -E, -J, -K, -L
Bearing, Crankshaft Thrust	SA537401 -M10	Teledyne Continental Part Number 537401 M10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA537401, <u>Rev:</u> W <u>Date:</u> 02/26/10 or later FAA-approved revisions	Continental	O-470-A, -E, -J, -K, -L

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Spring, Clutch	SA539800	Teledyne Continental Part Number 539800	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA539800, <u>Rev:</u> N <u>Date:</u> 02/27/06 or later FAA-approved revisions	Continental	IO-346-A, -B O-300-D IO-360-A, -AB, -B, -C, -CB, -D, -DB, -E, -G, -GB, -H, -HB, -J, -JB, -K, -KB, -ES LTSIO-360-E, -EB, -KB, -RB TSIO-360-A, -AB, -B, -C, -CB, D, -DB, -E, -EB, -F, -FB, -G, -GB, -H, -HB, -JB, -KB, -LB, -MB, -NB, -PB, -RB, -SB IO-470-D, -E, -F, -G, -H, -J, -K, -L, -LO, -M, -N, -P, -R, -S, -U, -V, VO L/IO-470-A IO-470-A, -C O-470-A, -B, -E, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -T, -U TSIO-470-B, -C, -D IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB, -N, -NB, -P LIO-520-P LTSIO-520-AE TSIO-520-A, -AE, -AF, -B, -BB, -BE, -C, -CE, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -U, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L, -P, -R TSIOL-550-A, -B, -C

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Spring, Clutch	SA539800 M15	Teledyne Continental Part Number 539800 M15	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA539800 <u>Rev:</u> N <u>Date:</u> 02/27/06 or later FAA-approved revisions	Continental	IO-346-A, -B O-300-D IO-360-A, -AB, -B, -C, -CB, -D, -DB, -E, -G, -GB, -H, -HB, -J, -JB, -K, -KB, -ES LTSIO-360-E, -EB, -KB, -RB TSIO-360-A, -AB, -B, -C, -CB, D, -DB, -E, -EB, -F, -FB, -G, -GB, -H, -HB, -JB, -KB, -LB, -MB, -NB, -PB, -RB, -SB IO-470-D, -E, -F, -G, -H, -J, -K, -L, -LO, -M, -N, -P, -R, -S, -U, -V, VO L/IO-470-A IO-470-A, -C O-470-A, -B, -E, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -T, -U TSIO-470-B, -C, -D IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB, -N, -NB, -P LIO-520-P LTSIO-520-AE TSIO-520-A, -AE, -AF, -B, -BB, -BE, -C, -CE, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -U, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L, -P, -R TSIOL-550-A, -B, -C
Bearing, VP3N Tri M.B. Front Up & Low	SA627246	Teledyne Continental Part Number 627246	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA647246, <u>Rev:</u> AF <u>Date:</u> 10/25/05 or later FAA- approved revisions	Continental	A65-1, -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, -8J, -8FJ, -9, -9J C75-8, -8F, -8FH, -8FHJ, -8FJ, -8J C75-12, -12F, -12FH, -12FHJ, -2FJ, -12J C75-12B, -12BF, -12BFH C75-15, -15F C85-8, -8F, -8FHJ, -8FJ, -8J C85-12, -12F, -12FH, -12FHJ, -2FJ, -12J C85-14F C85-15, -15F C90-8F, -8FJ C90-12F, -12FH, -12FJ, -12FP C90-14F, -14FH, -14FJ, -16F O-200-A, -B, -C, -D, -X

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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Bearing, VP3N Tri M.B. Front Up & Low	SA627246 M05	Teledyne Continental Part Number 627246 M05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA647246, <u>Rev:</u> AF <u>Date:</u> 10/25/05 or later FAA- approved revisions	Continental	A65-1, -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, -8J, -8FJ, -9, -9J C75-8, -8F, -8FH, -8FHJ, -8FJ, -8J C75-12, -12F, -12FH, -12FHJ, -2FJ, -12J C75-12B, -12BF, -12BFH C75-15, -15F C85-8, -8F, -8FHJ, -8FJ, -8J C85-12, -12F, -12FH, -12FHJ, -2FJ, -12J C85-14F C85-15, -15F C90-8F, -8FJ C90-12F, -12FH, -12FJ, -12FP C90-14F, -14FH, -14FJ, -16F O-200-A, -B, -C, -D, -X
Bearing, VP3N Tri M.B. Front Up & Low	SA627246 M10	Teledyne Continental Part Number 627246 M10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA647246, <u>Rev:</u> AF <u>Date:</u> 10/25/05 or later FAA- approved revisions	Continental	A65-1, -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, -8J, -8FJ, -9, -9J C75-8, -8F, -8FH, -8FHJ, -8FJ, -8J C75-12, -12F, -12FH, -12FHJ, -2FJ, -12J C75-12B, -12BF, -12BFH C75-15, -15F C85-8, -8F, -8FHJ, -8FJ, -8J C85-12, -12F, -12FH, -12FHJ, -2FJ, -12J C85-14F C85-15, -15F C90-8F, -8FJ C90-12F, -12FH, -12FJ, -12FP C90-14F, -14FH, -14FJ, -16F O-200-A, -B, -C, -D, -X
Bearing, VP3N Tri M.B. Front Up & Low	SA627246 M20	Teledyne Continental Part Number 627246 M20	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA647246, <u>Rev:</u> AF <u>Date:</u> 10/25/05 or later FAA- approved revisions	Continental	A65-1, -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, -8J, -8FJ, -9, -9J C75-8, -8F, -8FH, -8FHJ, -8FJ, -8J C75-12, -12F, -12FH, -12FHJ, -2FJ, -12J C75-12B, -12BF, -12BFH C75-15, -15F C85-8, -8F, -8FHJ, -8FJ, -8J C85-12, -12F, -12FH, -12FHJ, -2FJ, -12J C85-14F C85-15, -15F C90-8F, -8FJ C90-12F, -12FH, -12FJ, -12FP C90-14F, -14FH, -14FJ, -16F O-200-A, -B, -C, -D, -X

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. 1
REVISION 2
DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Bearing, Main	SA627795	Teledyne Continental Part Number 627795	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA627795, <u>Rev:</u> C <u>Date:</u> 10/25/05 or later FAA- approved revisions	Continental	IO-470-C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -R, -S, -U, -V O-470-G, -P
Bearing, Main	SA627795 M05	Teledyne Continental Part Number 627795 M05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA627795, <u>Rev:</u> C <u>Date:</u> 10/25/05 or later FAA- approved revisions	Continental	IO-470-C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -R, -S, -U, -V O-470-G, -P
Bearing, Main	SA627795 M10	Teledyne Continental Part Number 627795 M10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA627795, <u>Rev:</u> C <u>Date:</u> 10/25/05 or later FAA- approved revisions	Continental	IO-470-C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -R, -S, -U, -V O-470-G, -P
Bearing, Main Intermediate	SA630464	Teledyne Continental Part Number 630464	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA630464, <u>Rev:</u> S <u>Date:</u> 04/11/06 or later FAA- approved revisions	Continental	IO-470-C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -U, -V, -VO O-470-B, -G, -M, -N, -P TSIO-470-B, -C, -D GSTIO-520-C, -D, -F, -H, -K, -L, -M, -N IO-520-A, -B, -BA, -C, -D, -E, -F, -J, -K, -L TSIO-520-AE, -C, -G, -H, -M, -P, -R, -T
Bearing, Main Intermediate	SA630464 M05	Teledyne Continental Part Number 630464 M05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA630464, <u>Rev:</u> S <u>Date:</u> 04/11/06 or later FAA- approved revisions	Continental	IO-470-C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -U, -V, -VO O-470-B, -G, -M, -N, -P TSIO-470-B, -C, -D GSTIO-520-C, -D, -F, -H, -K, -L, -M, -N IO-520-A, -B, -BA, -C, -D, -E, -F, -J, -K, -L TSIO-520-AE, -C, -G, -H, -M, -P, -R, -T
Bearing, Main Intermediate	SA630464 M10	Teledyne Continental Part Number 630464 M10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA630464, <u>Rev:</u> S <u>Date:</u> 04/11/06 or later FAA- approved revisions	Continental	IO-470-C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -U, -V, -VO O-470-B, -G, -M, -N, -P TSIO-470-B, -C, -D GSTIO-520-C, -D, -F, -H, -K, -L, -M, -N IO-520-A, -B, -BA, -C, -D, -E, -F, -J, -K, -L TSIO-520-AE, -C, -G, -H, -M, -P, -R, -T

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.
621 S. Royal Lane, Suite # 100
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PMA NO. PQ0060SW
SUPPLEMENT NO. 1
REVISION 2
DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Insert, Intake Valve Seat	SA630591	Teledyne Continental Part Number 630591	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA 630591, <u>Rev:</u> F <u>Date:</u> 04/05/93 or later FAA- approved revisions	Continental	IO-470-A, -C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -U, -V, -VO O-470-A, -B, -E, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -T, -U TSIO-470-B, -C, -D IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB TSIO-520-B, -BB, -C, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -VB, -WB
Insert, Intake Valve Seat	SA630591 P05	Teledyne Continental Part Number 630591 P05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA 630591, <u>Rev:</u> F <u>Date:</u> 04/05/93 or later FAA- approved revisions	Continental	IO-470-A, -C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -U, -V, -VO O-470-A, -B, -E, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -T, -U TSIO-470-B, -C, -D IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB TSIO-520-B, -BB, -C, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -VB, -WB
Insert, Intake Valve Seat	SA630591 P10	Teledyne Continental Part Number 630591 P10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA 630591, <u>Rev:</u> F <u>Date:</u> 04/05/93 or later FAA- approved revisions	Continental	IO-470-A, -C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -U, -V, -VO O-470-A, -B, -E, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -T, -U TSIO-470-B, -C, -D IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB TSIO-520-B, -BB, -C, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -VB, -WB
Insert, Intake Valve Seat	SA630591 P15	Teledyne Continental Part Number 630591 P15	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA 630591, <u>Rev:</u> F <u>Date:</u> 04/05/93 or later FAA- approved revisions	Continental	IO-470-A, -C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -U, -V, -VO O-470-A, -B, -E, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -T, -U TSIO-470-B, -C, -D IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB TSIO-520-B, -BB, -C, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -VB, -WB

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.
 621 S. Royal Lane, Suite # 100
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PMA NO. PQ0060SW
 SUPPLEMENT NO. 1
 REVISION 2
 DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Insert, Intake Valve Seat	SA630591 P20	Teledyne Continental Part Number 630591 P20	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA 630591, <u>Rev:</u> F <u>Date:</u> 04/05/93 or later FAA- approved revisions	Continental	IO-470-A, -C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -U, -V, -VO O-470-A, -B, -E, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -T, -U TSIO-470-B, -C, -D IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB TSIO-520-B, -BB, -C, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -VB, -WB
Insert, Intake Valve Seat	SA630591 P30	Teledyne Continental Part Number 630591 P30	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA 630591, <u>Rev:</u> F <u>Date:</u> 04/05/93 or later FAA- approved revisions	Continental	IO-470-A, -C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -U, -V, -VO O-470-A, -B, -E, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -T, -U TSIO-470-B, -C, -D IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB TSIO-520-B, -BB, -C, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -VB, -WB
Piston 5.25 DIA 8.5:1 Comp. Ratio Forged	SA631475	Teledyne Continental Part Number 631475	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA631475, <u>Rev:</u> BS <u>Date:</u> 06/05/97 or later FAA- approved revisions	Continental	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB
Piston 5.25 DIA 8.5:1 Comp. Ratio Forged	SA631475 P10	Teledyne Continental Part Number 631475 P10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA631475, <u>Rev:</u> BS <u>Date:</u> 06/05/97 or later FAA- approved revisions	Continental	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB
Piston 5.25 DIA 8.5:1 Comp. Ratio Forged	SA631475 P15	Teledyne Continental Part Number 631475 P15	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA631475, <u>Rev:</u> BS <u>Date:</u> 06/05/97 or later FAA- approved revisions	Continental	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB

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DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Bearing, Main	SA633398	Teledyne Continental Part Number 633398	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA633398, <u>Rev:</u> G <u>Date:</u> 10/26/05 or later FAA- approved revisions	Continental	A65-1, -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, -8J, -8FJ, -9, -9J C75-8, -8F, -8FH, -8FHJ, -8FJ, -8J C75-12, -12F, -12FH, -12FHJ, -2FJ, -12J C75-12B, -12BF, -12BFH C75-15, -15F C85-8, -8F, -8FHJ, -8FJ, -8J C85-12, -12F, -12FH, -12FHJ, -2FJ, -12J C85-14F C85-15, -15F C90-8F, -8FJ C90-12F, -12FH, -12FJ, -12FP C90-14F, -14FH, -14FJ, -16F O-200-A, -B, -C, -D, -X
Bearing, Main	SA633398 M05	Teledyne Continental Part Number 633398 M05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA633398, <u>Rev:</u> G <u>Date:</u> 10/26/05 or later FAA- approved revisions	Continental	A65-1, -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, -8J, -8FJ, -9, -9J C75-8, -8F, -8FH, -8FHJ, -8FJ, -8J C75-12, -12F, -12FH, -12FHJ, -2FJ, -12J C75-12B, -12BF, -12BFH C75-15, -15F C85-8, -8F, -8FHJ, -8FJ, -8J C85-12, -12F, -12FH, -12FHJ, -2FJ, -12J C85-14F C85-15, -15F C90-8F, -8FJ C90-12F, -12FH, -12FJ, -12FP C90-14F, -14FH, -14FJ, -16F O-200-A, -B, -C, -D, -X
Bearing, Main	SA633398 M10	Teledyne Continental Part Number 633398 M10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA633398, <u>Rev:</u> G <u>Date:</u> 10/26/05 or later FAA- approved revisions	Continental	A65-1, -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, -8J, -8FJ, -9, -9J C75-8, -8F, -8FH, -8FHJ, -8FJ, -8J C75-12, -12F, -12FH, -12FHJ, -2FJ, -12J C75-12B, -12BF, -12BFH C75-15, -15F C85-8, -8F, -8FHJ, -8FJ, -8J C85-12, -12F, -12FH, -12FHJ, -2FJ, -12J C85-14F C85-15, -15F C90-8F, -8FJ C90-12F, -12FH, -12FJ, -12FP C90-14F, -14FH, -14FJ, -16F O-200-A, -B, -C, -D, -X

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. 1
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DATE January 28, 2011

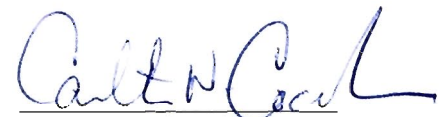
Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Bearing, Main	SA633398 M20	Teledyne Continental Part Number 633398 M20	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA633398, <u>Rev:</u> G <u>Date:</u> 10/26/05 or later FAA- approved revisions	Continental	A65-1, -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, -8J, -8FJ, -9, -9J C75-8, -8F, -8FH, -8FHJ, -8FJ, -8J C75-12, -12F, -12FH, -12FHJ, -2FJ, -12J C75-12B, -12BF, -12BFH C75-15, -15F C85-8, -8F, -8FHJ, -8FJ, -8J C85-12, -12F, -12FH, -12FHJ, -2FJ, -12J C85-14F C85-15, -15F C90-8F, -8FJ C90-12F, -12FH, -12FJ, -12FP C90-14F, -14FH, -14FJ, -16F O-200-A, -B, -C, -D, -X

-----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. Revision number 2 dated January 28, 2011 updates supplement number 1, revision 1 dated 8/30/1993. The purpose of the revision is to include over-sized and undersized parts not previously listed on supplement number 1, revision 1. Supplement 1 revision 1 dated 8/30/1993 remains in effect.


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


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