



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

March 21, 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, 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. 54, revision 2. Supplement 54, revision 2, dated March 21, 2011, updates Supplement 54, revision 1, dated November 16, 1993. The purpose of the revision is to include over-sized and under-sized parts, not previously listed on Supplement 54, revision 1. Supplement 54, revision 1, remains in effect.

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. 54, revision 2. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the parts concerned.

Sincerely,

A handwritten signature in blue ink that reads "Carlton N. Cochran".

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

Enclosure  
PMA Supplement No. 54, revision 2



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

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. 54  
REVISION 2  
DATE March 21, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Half Keystone Compression Ring	SA5003A	64602 & 648005	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA5003A, <u>Rev:</u> A <u>Date:</u> 02/24/1990 or later FAA-approved revisions	Continental	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB LTSIO-520-AE TSIO-520-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 GTSIO-520- C, -D, -F, -G, -H, -K, -L, -M, -N IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Half Keystone Compression Ring	SA5003A +.005	64602 P05 & 648005 P05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA5003A, <u>Rev:</u> A <u>Date:</u> 0/24/1990 or later FAA-approved revisions	Continental	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB LTSIO-520-AE TSIO-520-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 GTSIO-520- C, -D, -F, -G, -H, -K, -L, -M, -N IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Half Keystone Compression Ring	SA5003A +.010	64602 P10 & 648005 P10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA5003A, <u>Rev:</u> A <u>Date:</u> 02/24/1990 or later FAA-approved revisions	Continental	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB LTSIO-520-AE TSIO-520-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 GTSIO-520- C, -D, -F, -G, -H, -K, -L, -M, -N IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A

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PMA NO. PQ0060SW  
SUPPLEMENT NO. 54  
REVISION 2  
DATE March 21, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Half Keystone Compression Ring	SA5003A +.015	64602 P15 & 648005 P15	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA5003A, <u>Rev:</u> A <u>Date:</u> 02/24/1990 or later FAA-approved revisions	Continental	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB LTSIO-520-AE TSIO-520-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 GTSIO-520- C, -D, -F, -G, -H, -K, -L, -M, -N IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Chrome Taper Face Half Keystone Ring	SA5004A	642603 & 648005	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA5004A, <u>Rev:</u> N/C <u>Date:</u> 2/11/1982 or later FAA-approved revisions	Continental	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB LTSIO-520-AE TSIO-520-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 GTSIO-520- C, -D, -F, -G, -H, -K, -L, -M, -N IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Chrome Taper Face Half Keystone Ring	SA5004A+. 005	642603 P05 & 648005 P05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA5004A, <u>Rev:</u> N/C <u>Date:</u> 2/11/1982 or later FAA-approved revisions	Continental	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB LTSIO-520-AE TSIO-520-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 GTSIO-520- C, -D, -F, -G, -H, -K, -L, -M, -N IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Chrome Taper Face Half Keystone Ring	SA5004A+. 010	642603 P10 & 648005 P10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA5004A, <u>Rev:</u> N/C <u>Date:</u> 2/11/1982 or later FAA-approved revisions	Continental	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB LTSIO-520-AE TSIO-520-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 GTSIO-520- C, -D, -F, -G, -H, -K, -L, -M, -N IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A

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Chrome Taper Face Half Keystone Ring	SA5004A +.015	642603 P15 & 648005 P15	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA5004A, <u>Rev:</u> N/C <u>Date:</u> 2/11/1982 or later FAA-approved revisions	Continental	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB LTSIO-520-AE TSIO-520-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 GTSIO-520- C, -D, -F, -G, -H, -K, -L, -M, -N IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Piston Ring	SA5205	648007CP & 636144	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA5205, <u>Rev:</u> F <u>Date:</u> 11/16/1999 or later FAA-approved revisions	Continental	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB LTSIO-520-AE TSIO-520-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 GTSIO-520- C, -D, -F, -G, -H, -K, -L, -M, -N IO-550-B, -C, -D, -E, -F, -G, -L
Piston Ring	SA5205 P005	648007CP P05 & 636144 P05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA5205, <u>Rev:</u> F <u>Date:</u> 11/16/1999 or later FAA-approved revisions	Continental	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB LTSIO-520-AE TSIO-520-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 GTSIO-520- C, -D, -F, -G, -H, -K, -L, -M, -N IO-550-B, -C, -D, -E, -F, -G, -L
Piston Ring	SA5205 P010	648007CP P10 & 636144 P10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA5205, <u>Rev:</u> F <u>Date:</u> 11/16/1999 or later FAA-approved revisions	Continental	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB LTSIO-520-AE TSIO-520-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 GTSIO-520- C, -D, -F, -G, -H, -K, -L, -M, -N IO-550-B, -C, -D, -E, -F, -G, -L

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Piston Ring	SA5205 P015	648007CP P15 & 636144 P15	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA5205, <u>Rev:</u> F <u>Date:</u> 11/16/1999 or later FAA-approved revisions	Continental	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB LTSIO-520-AE TSIO-520-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 GTSIO-520- C, -D, -F, -G, -H, -K, -L, -M, -N IO-550-B, -C, -D, -E, -F, -G, -L
Ring, Piston	SA5209	648008 & 629401	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA5209, <u>Rev:</u> X <u>Date:</u> 02/14/2008 or later FAA-approved revisions	Continental	IO-346 IO-520-A, -B, -BA, -BB, -C, -CB, D, -E, -F, -J, -K, -L, -M, -MB TSIO-520-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 GTSIO-520- C, -D, -F, -G, -H, -K, -L, -M, -N IO-550-B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Ring, Piston	SA5209 P005	648008 P05 & 629401 P05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA5209, <u>Rev:</u> X <u>Date:</u> 02/14/2008 or later FAA-approved revisions	Continental	IO-346 IO-520-A, -B, -BA, -BB, -C, -CB, D, -E, -F, -J, -K, -L, -M, -MB TSIO-520-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 GTSIO-520- C, -D, -F, -G, -H, -K, -L, -M, -N IO-550-B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Ring, Piston	SA5209 P010	648008 P10 & 629401 P10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA5209, <u>Rev:</u> X <u>Date:</u> 02/19/2008 or later FAA-approved revisions	Continental	IO-346 IO-520-A, -B, -BA, -BB, -C, -CB, D, -E, -F, -J, -K, -L, -M, -MB TSIO-520-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 GTSIO-520- C, -D, -F, -G, -H, -K, -L, -M, -N IO-550-B, -C, -D, -E, -F, -G, -L TSIOL-550-A

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Ring, Piston	SA5209 P015	648008 P15 & 629401 P15	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA5209, <u>Rev:</u> X <u>Date:</u> 02/14/2008 or later FAA-approved revisions	Continental	IO-346 IO-520-A, -B, -BA, -BB, -C, -CB, D, -E, -F, -J, -K, -L, -M, -MB TSIO-520-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 GTSIO-520- C, -D, -F, -G, -H, -K, -L, -M, -N IO-550-B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Beveled Face Skirt Ring	SA-5209A	648008 & 629401	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA5209A, <u>Rev:</u> F <u>Date:</u> 11/13/1989 or later FAA-approved revisions	Continental	IO-346 IO-520-A, -B, -BA, -BB, -C, -CB, D, -E, -F, -J, -K, -L, -M, -MB TSIO-520-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 GTSIO-520- C, -D, -F, -G, -H, -K, -L, -M, -N IO-550-B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Beveled Face Skirt Ring	SA-5209A +.005	648008 P05 & 629401 P05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA5209A, <u>Rev:</u> F <u>Date:</u> 11/13/1989 or later FAA-approved revisions	Continental	IO-346 IO-520-A, -B, -BA, -BB, -C, -CB, D, -E, -F, -J, -K, -L, -M, -MB TSIO-520-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 GTSIO-520- C, -D, -F, -G, -H, -K, -L, -M, -N IO-550-B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Beveled Face Skirt Ring	SA-5209A +.010	648008 P10 & 629401 P10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA5209A, <u>Rev:</u> F <u>Date:</u> 11/13/1989 or later FAA-approved revisions	Continental	IO-346 IO-520-A, -B, -BA, -BB, -C, -CB, D, -E, -F, -J, -K, -L, -M, -MB TSIO-520-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 GTSIO-520- C, -D, -F, -G, -H, -K, -L, -M, -N IO-550-B, -C, -D, -E, -F, -G, -L TSIOL-550-A

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Beveled Face Skirt Ring	SA-5209A +.015	648008 P15 & 629401 P15	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA5209A, <u>Rev:</u> F <u>Date:</u> 11/13/1989 or later FAA-approved revisions	Continental	IO-346 IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB TSIO-520-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 GTSIO-520- C, -D, -F, -G, -H, -K, -L, -M, -N IO-550-B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Bushing Crankshaft Damper	SA350998	350998	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA350998, <u>Rev:</u> Y <u>Date:</u> 06/01/2004 or later FAA-approved revisions	Continental	IO-470-C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -U, -V O-470-A, -B, -E, -F, -G, -J, -K, -L, -M, -P, -R, -S, -U TSIO-470-B, -C, -D IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB TSIO-520-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 TSIOL-550-A E165-2 E185-1, -3, -8, -9, -11 E225-4, 8
Bushing Crankshaft Damper	SA350998 P005	350998 P05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA350998, <u>Rev:</u> Y <u>Date:</u> 06/01/2004 or later FAA-approved revisions	Continental	IO-470-C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -U, -V O-470-A, -B, -E, -F, -G, -J, -K, -L, -M, -P, -R, -S, -U TSIO-470-B, -C, -D IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB TSIO-520-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 TSIOL-550-A E165-2 E185-1, -3, -8, -9, -11 E225-4, 8

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Bushing Crankshaft Damper	SA350998 P003	350998 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA350998, <u>Rev:</u> Y <u>Date:</u> 06/01/2004 or later FAA-approved revisions	Continental	IO-470-C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -U, -V O-470-A, -B, -E, -F, -G, -J, -K, -L, -M, -P, -R, -S, -U TSIO-470-B, -C, -D IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB TSIO-520-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 TSIOL-550-A E165-2 E185-1, -3, -8, -9, -11 E225-4, 8
Bushing Crankshaft Damper	SA350998 P0015	350998 P015	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA350998, <u>Rev:</u> Y <u>Date:</u> 06/01/2004 or later FAA-approved revisions	Continental	IO-470-C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -U, -V O-470-A, -B, -E, -F, -G, -J, -K, -L, -M, -P, -R, -S, -U TSIO-470-B, -C, -D IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB TSIO-520-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 TSIOL-550-A E165-2 E185-1, -3, -8, -9, -11 E225-4, 8

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Dowel	SA536563	536563	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA536563, <u>Rev:</u> A <u>Date:</u> 06/06/2008 or later FAA-approved revisions	Continental	IO-346 IO-470-C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -U, -V IO-470-C, -D, -E, -F, -G, -H, -J, -K, -L, -M, O-470-A, -B, -C, -G, -J, -K, -L, -M, -P, -R, -S, -U TSIO-470-B1, -B2, -3B -C, -D IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB TSIO-520-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 GTSIO-520-C, -D, -F, -H, -K, -L, M, -N IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A E165-2 E185-1, -3, -8, -9, -11 E225-4, 8
Dowel	SA536563 P05	536563 P05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA536563, <u>Rev:</u> A <u>Date:</u> 06/06/2008 or later FAA-approved revisions	Continental	IO-346 IO-470-C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -U, -V IO-470-C, -D, -E, -F, -G, -H, -J, -K, -L, -M, O-470-A, -B, -C, -G, -J, -K, -L, -M, -P, -R, -S, -U TSIO-470-B1, -B2, -3B -C, -D IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB TSIO-520-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 GTSIO-520-C, -D, -F, -H, -K, -L, M, -N IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A E165-2 E185-1, -3, -8, -9, -11 E225-4, 8

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Bearing, Main	SA634503	634503	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA634503, <u>Rev:</u> R <u>Date:</u> 04/29/2010 or later FAA-approved revisions	Continental	GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N IO-520-BB, -CB, -MB TSIO-520-BB, -BE, -CE, -DB, -EB, -JB, -KB, -LB, -NB, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Bearing, Main	SA634503 M05	634503 M05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA634503, <u>Rev:</u> R <u>Date:</u> 04/29/2010 or later FAA-approved revisions	Continental	GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N IO-520-BB, -CB, -MB TSIO-520-BB, -BE, -CE, -DB, -EB, -JB, -KB, -LB, -NB, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Bearing, Main	SA634503 M10	634503 M10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA634503, <u>Rev:</u> R <u>Date:</u> 04/29/2010 or later FAA-approved revisions	Continental	GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N IO-520-BB, -CB, -MB TSIO-520-BB, -BE, -CE, -DB, -EB, -JB, -KB, -LB, -NB, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Bearing, Main	SA634503 M20	634503 M20	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA634503, <u>Rev:</u> R <u>Date:</u> 04/29/2010 or later FAA-approved revisions	Continental	GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N IO-520-BB, -CB, -MB TSIO-520-BB, -BE, -CE, -DB, -EB, -JB, -KB, -LB, -NB, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Valve Guide Exhaust	SA641951	641951	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA641951, <u>Rev:</u> H <u>Date:</u> 04/23/1999 or later FAA-approved revisions	Continental	GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB LTSIO-520-AE TSIO-520-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, -UB, -VB, -WB

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Valve Guide Exhaust	SA641951-P05	641951 P05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA641951, <u>Rev:</u> H <u>Date:</u> 04/23/1999 or later FAA-approved revisions	Continental	GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB LTSIO-520-AE TSIO-520-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, -UB, -VB, -WB
Valve Guide Exhaust	SA641951-P10	641951 P10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA641951, <u>Rev:</u> H <u>Date:</u> 04/23/1999 or later FAA-approved revisions	Continental	GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB LTSIO-520-AE TSIO-520-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, -UB, -VB, -WB
Valve Guide Exhaust	SA641951-P15	641951 P15	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA641951, <u>Rev:</u> H <u>Date:</u> 04/23/1999 or later FAA-approved revisions	Continental	GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB LTSIO-520-AE TSIO-520-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, -UB, -VB, -WB
Valve Guide Exhaust	SA641951-P20	641951 P20	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA641951, <u>Rev:</u> H <u>Date:</u> 04/23/1999 or later FAA-approved revisions	Continental	GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB LTSIO-520-AE TSIO-520-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, -UB, -VB, -WB

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Valve Guide Exhaust	SA641951-P30	641951 P30	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA641951, <u>Rev:</u> H <u>Date:</u> 04/23/1999 or later FAA-approved revisions	Continental	GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB LTSIO-520-AE TSIO-520-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, -UB, -VB, -WB
Bearing, Connecting Rod	SA642398	642398	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA642398, <u>Rev:</u> H <u>Date:</u> 08/12/2008 or later FAA-approved revisions	Continental	IO-520-BB, -CB, -MB TSIO-520-BB, -BE, -KB, -LB, -NB, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Bearing, Connecting Rod	SA642398 M05	642398 M05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA642398, <u>Rev:</u> H <u>Date:</u> 08/12/2008 or later FAA-approved revisions	Continental	IO-520-BB, -CB, -MB TSIO-520-BB, -BE, -KB, -LB, -NB, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Bearing, Connecting Rod	SA642398 M10	642398 M10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA642398, <u>Rev:</u> H <u>Date:</u> 08/12/2008 or later FAA-approved revisions	Continental	IO-520-BB, -CB, -MB TSIO-520-BB, -BE, -KB, -LB, -NB, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Bearing, Main	SA642720	642720	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA642720, <u>Rev:</u> N <u>Date:</u> 09/28/2008 or later FAA-approved revisions	Continental	IO-470-D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -R, -S, -U, -V IO-470-C O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -R, -S, -U IO-520-A, -BB, -CB, -D, -E, -F, -J, -K, -L, -MB TSIO-520-AE, -AF, -BB, -BE, -C, -CE, -DB, -EB, -G, -H, -JB, -KB, -LB, -M, -NB, -P, -R, -T, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A

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Bearing, Main	SA642720 M05	642720 M05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA642720, <u>Rev:</u> N <u>Date:</u> 09/28/2008 or later FAA-approved revisions	Continental	IO-470-D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -R, -S, -U, -V IO-470-C O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -R, -S, -U IO-520-A, -BB, -CB, -D, -E, -F, -J, -K, -L, -MB TSIO-520-AE, -AF, -BB, -BE, -C, -CE, -DB, -EB, -G, -H, -JB, -KB, -LB, -M, -NB, -P, -R, -T, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Bearing	SA642720 M10	642720 M10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA642720, <u>Rev:</u> N <u>Date:</u> 09/28/2008 or later FAA-approved revisions	Continental	IO-470-D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -R, -S, -U, -V IO-470-C O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -R, -S, -U IO-520-A, -BB, -CB, -D, -E, -F, -J, -K, -L, -MB TSIO-520-AE, -AF, -BB, -BE, -C, -CE, -DB, -EB, -G, -H, -JB, -KB, -LB, -M, -NB, -P, -R, -T, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Bearing, Main	SA642839	642839	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA642839, <u>Rev:</u> M <u>Date:</u> 08/12/2008 or later FAA-approved revisions	Continental	IO-520-B, -BA, -C, -M TSIO-520-B, -D, -E, -J, -K, -L, -N
Bearing, Main	SA642839 M05	642839 M05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA642839, <u>Rev:</u> M <u>Date:</u> 08/12/2008 or later FAA-approved revisions	Continental	IO-520-B, -BA, -C, -M TSIO-520-B, -D, -E, -J, -K, -L, -N
Bearing, Main	SA642839 M10	642839 M10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA642839, <u>Rev:</u> M <u>Date:</u> 08/12/2008 or later FAA-approved revisions	Continental	IO-520-B, -BA, -C, -M TSIO-520-B, -D, -E, -J, -K, -L, -N

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Guide, Intake Valve	SA643766	643766	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA643766, <u>Rev:</u> J <u>Date:</u> 07/15/2009 or later FAA-approved revisions	Continental	IO-470-D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -R, -S, -U, -V IO-470-C O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -R, -S, -U IO-520-A, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N LTSIO-520-AE TSIO-520-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, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Guide, Intake Valve	SA643766 P05	643766 P05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA643766, <u>Rev:</u> J <u>Date:</u> 07/15/2009 or later FAA-approved revisions	Continental	IO-470-D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -R, -S, -U, -V IO-470-C O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -R, -S, -U IO-520-A, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N LTSIO-520-AE TSIO-520-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, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A

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Guide, Intake Valve	SA643766 P10	643766 P10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA643766, <u>Rev:</u> J <u>Date:</u> 07/15/2009 or later FAA-approved revisions	Continental	IO-470-D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -R, -S, -U, -V IO-470-C O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -R, -S, -U IO-520-A, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N LTSIO-520-AE TSIO-520-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, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Guide, Intake Valve	SA643766 P15	643766 P15	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA643766, <u>Rev:</u> J <u>Date:</u> 07/15/2009 or later FAA-approved revisions	Continental	IO-470-D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -R, -S, -U, -V IO-470-C O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -R, -S, -U IO-520-A, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N LTSIO-520-AE TSIO-520-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, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A

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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Guide, Intake Valve	SA643766 P20	643766 P20	Test and Computations per 14 CFR § 21.303, <u>DWG No: SA643766, Rev: J</u> <u>Date: 07/15/2009 or later</u> FAA-approved revisions	Continental	IO-470-D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -R, -S, -U, -V IO-470-C O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -R, -S, -U IO-520-A, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N LTSIO-520-AE TSIO-520-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, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Guide, Intake Valve	SA643766 P30	643766 P30	Test and Computations per 14 CFR § 21.303, <u>DWG No: SA643766, Rev: J</u> <u>Date: 07/15/2009 or later</u> FAA-approved revisions	Continental	IO-470-D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -R, -S, -U, -V IO-470-C O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -R, -S, -U IO-520-A, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N LTSIO-520-AE TSIO-520-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, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A

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. 54  
REVISION 2  
DATE March 21, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Guide, Intake Valve	SA643766-1	643766	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA643766, <u>Rev:</u> J <u>Date:</u> 07/15/2009 or later FAA-approved revisions	Continental	IO-470-D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -R, -S, -U, -V IO-470-C O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -R, -S, -U IO-520-A, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N LTSIO-520-AE TSIO-520-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, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Guide, Intake Valve	SA643766-1 P05	643766 P05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA643766, <u>Rev:</u> J <u>Date:</u> 07/15/2009 or later FAA-approved revisions	Continental	IO-470-D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -R, -S, -U, -V IO-470-C O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -R, -S, -U IO-520-A, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N LTSIO-520-AE TSIO-520-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, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A

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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Guide, Intake Valve	SA643766-I P10	643766 P10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA643766, <u>Rev:</u> J <u>Date:</u> 07/15/2009 or later FAA-approved revisions	Continental	IO-470-D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -R, -S, -U, -V IO-470-C O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -R, -S, -U IO-520-A, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N LTSIO-520-AE TSIO-520-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, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Guide, Intake Valve	SA643766-I P15	643766 P15	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA643766, <u>Rev:</u> J <u>Date:</u> 07/15/2009 or later FAA-approved revisions	Continental	IO-470-D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -R, -S, -U, -V IO-470-C O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -R, -S, -U IO-520-A, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N LTSIO-520-AE TSIO-520-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, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A

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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Guide, Intake Valve	SA643766-1 P20	643766 P20	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA643766, <u>Rev:</u> J <u>Date:</u> 07/15/2009 or later FAA-approved revisions	Continental	IO-470-D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -R, -S, -U, -V IO-470-C O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -R, -S, -U IO-520-A, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N LTSIO-520-AE TSIO-520-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, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Guide, Intake Valve	SA643766-1 P30	643766 P30	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA643766, <u>Rev:</u> J <u>Date:</u> 07/15/2009 or later FAA-approved revisions	Continental	IO-470-D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -R, -S, -U, -V IO-470-C O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -R, -S, -U IO-520-A, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N LTSIO-520-AE TSIO-520-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, -UB, -VB, -WB IO-550-A, -B, -C, -D, -E, -F, -G, -L TSIOL-550-A
Guide-Valve, Intake	SA-641973	641973	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA-641973, <u>Rev:</u> NONE <u>Date:</u> 03/10/1981 or later FAA-approved revisions	Continental	GTSIO-520-C, -D, -E, -F, -H, -K, -L, -M, -N
Guide-Valve, Intake	SA-641973 P05	641973 P05	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA-641973, <u>Rev:</u> NONE <u>Date:</u> 03/10/1981 or later FAA-approved revisions	Continental	GTSIO-520-C, -D, -E, -F, -H, -K, -L, -M, -N

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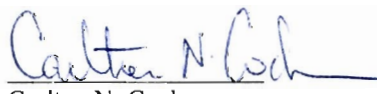
Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Guide-Valve, Intake	SA-641973 P010	641973 P10	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA-641973, <u>Rev:</u> NONE <u>Date:</u> 03/10/1981 or later FAA-approved revisions	Continental	GTSIO-520-C, -D, -E, -F, -H, -K, -L, -M, -N
Guide-Valve, Intake	SA-641973 P015	641973 P15	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA-641973, <u>Rev:</u> NONE <u>Date:</u> 03/10/1981 or later FAA-approved revisions	Continental	GTSIO-520-C, -D, -E, -F, -H, -K, -L, -M, -N
Guide-Valve, Intake	SA-641973 P020	641973 P20	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA-641973, <u>Rev:</u> NONE <u>Date:</u> 03/10/1981 or later FAA-approved revisions	Continental	GTSIO-520-C, -D, -E, -F, -H, -K, -L, -M, -N
Guide-Valve, Intake	SA-641973 P030	641973 P30	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SA-641973, <u>Rev:</u> NONE <u>Date:</u> 03/10/1981 or later FAA-approved revisions	Continental	GTSIO-520-C, -D, -E, -F, -H, -K, -L, -M, -N

-----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 54, revision 2, dated March 21, 2011, updates Supplement 54, revision 1 dated November 16, 1993. The purpose of the revision is to include over-sized and under-sized parts, not previously listed on Supplement 54, revision 1. Supplement 54, revision 1 dated November 16, 1993, 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