

FAA - PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

SUPERIOR AIR PARTS, INC.
14280 Gillis Road
Dallas, Texas 75240

PMA No. PQ0060SW
Supplement No. 147
Revision No. 1
Project No. PM5129SC-E

PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Cylinder Assembly	SA52000-A1	649317 When used in Cylinder and Valve Assembly 649317A6	Test and Computations per 14CFR § 21.303, Dwg. SA52000, Rev. none, dated: 03/27/95 or later FAA approved revisions.	Teledyne Continental Motors	IO-520-A, -B, -BA, -C, -D, - E, -F, -J, -K, -L, -M, -BB, -B, -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
Cylinder Assembly	SA52000-A1	649358 When used in Cylinder and Valve Assembly 649358A2	Test and Computations per 14CFR § 21.303, Dwg. SA52000, Rev. none, dated: 03/27/95 or later FAA approved revisions.	Teledyne Continental Motors	IO-550-A, -B, -C
Cylinder Assembly	SA52000CK-A1	649317CP When used in Cylinder and Valve Assembly 649317CP-A2	Test and Computations per 14CFR § 21.303, Dwg. SA52000CK, Rev. none, dated: 03/27/95 or later FAA approved revisions.	Teledyne Continental Motors	IO-520-A, -B, -C, -D, -E, -F, -J, -K, -L, -M, -BB, -CB, -MB

PMA No. PQ0060SW Supplement No. 147 Revision No. 1

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Cylinder Assembly	SA52000CK-A1	649317CP When used in Cylinder and Valve Assembly 649317CP-A6	Test and Computations per 14CFR § 21.303, Dwg. SA52000CK, Rev. none, dated: 03/27/95 or later FAA approved revisions.	Teledyne Continental Motors	TSIO-520-B, -C, -D, -DB, -E, -EB, -G, -H, -J, -JB, -KB, -L, -LB, -N, -NB, -P, -R, -T, -B, -WB
Cylinder Assembly	SA52000CK-A1	646652CP When used in Cylinder and Valve Assembly 646652CP-A4	Test and Computations per 14CFR § 21.303, Dwg. SA52000CK, Rev. none, dated: 03/27/95 or later FAA approved revisions.	Teledyne Continental Motors	IO-550-C
Cylinder Assembly, Long Reach	SA47000L-A1	649168 When used in Cylinder and Valve Assembly 649168A5	Test and Computations per 14CFR § 21.303, Dwg. SA47000L, Rev. none, dated: 04/10/95 or later FAA approved revisions.	Teledyne Continental Motors	O-470-U IO-470-D, -E, -F, -L, -M, -N, -S, -U, -V
Cylinder Assembly, Long Reach, Chrome Plated	SA47000LCK -A1	649168CP When used in Cylinder and Valve Assembly 649168CP-A1	Test and Computations per 14CFR § 21.303, Dwg. SA47000LCK, Rev. none, dated: 04/24/95 or later FAA approved revisions.	Teledyne Continental Motors	O-470-U IO-470-D, -E, -F, -H, -L, -M, -N, -S, -U, -V

PMA No. PQ0060SW **Supplement No.** 147 **Revision No.** 1

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Cylinder Assembly Short Reach	SA47000S-A1	649163 When used in Cylinder and Valve Assembly 649163A5	Test and Computations per 14CFR § 21.303, Dwg. SA47000S, Rev. none, dated: 04/10/95 or later FAA approved revisions.	Teledyne Continental Motors	O-470-G, -K, -L, -M, -R, -S IO-470-C
Cylinder Assembly, Short Reach, Chrome Plated	SA47000SCK -A1	646680CP When used in Cylinder and Valve Assembly 646680CP-A3	Test and Computations per 14CFR § 21.303, Dwg. SA47000SCK, Rev. none, dated: 04/24/95 or later FAA approved revisions.	Teledyne Continental Motors	O-470-G, -K, -L, -M, -R, -S IO-470-C
Piston	SA648044	648044	Test and Computations per 14CFR § 21.303, Dwg. SA648044, Rev. none, dated: 11/08/93 or later FAA approved revisions.	Teledyne Continental Motors	TSIO-520-B, -C, -D, -E, -J, -L, -N
Ring, Piston, Compression , 2 nd Groove	SA5201C	648005CP	Test and Computations per 14CFR § 21.303, Dwg. SA5201C, Rev. none, dated: 06/27/94 or later FAA approved revisions.	Teledyne Continental Motors	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB O-550-B, -C TSIO-520-B, -C, -D, -E, -G, -H, -J, -K, -L, -M, -N, -P, -R, -T, -BB, -CE, -DB, -EB, -JB, -KB, -LB, -NB, -UB, -VB, -WB, -AF

PMA No. PQ0060SW Supplement No. 147 Revision No. 1

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Ring, Piston, Compression, 2 nd Groove	SA5202C	648006CP	Test and Computations per 14CFR § 21.303, Dwg. SA5202C, Rev. none, dated: 06/27/94 or later FAA approved revisions.	Teledyne Continental Motors	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB IO-550-B, -C TSIO-520-B, -C, -D, -E, -G, -H, -J, -K, -L, -M, -N, -P, -R, -T, -BB, -CE, -DB, -EB, -JB, -KB, -LB, -NB, -UB, -VB, -WB, -AF
Bushing, Rocker Arm	SA520129	639629	Test and Computations per 14CFR§ 21.303, Dwg. SA520129, Rev. none, dated: 01/05/95 or later FAA approved revisions.	Teledyne Continental Motors	GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N IO-470-C, -D, -E, -F, -H, -L, -M, -N, -S, -U, -V IO520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB IO-550-A, -B, -C, -G O-470-G, -K, -L, -M, -R, -S, -U TSIO-470-B1, -B2, -B3, -C, -D 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,

PMA No. PQ0060SW Supplement No. 147 Revision No. 1

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Bushing, Rocker Arm (cont.)	SA520129	639629	Test and Computations per 14CFR§ 21.303, Dwg. SA520129, Rev. none, dated: 01/05/95 or later FAA approved revisions.	Teledyne Continental Motors	TSIO-520 (cont.)-T, -U, -UB, -VB, -WB TSIOL-550-A
Valve, Intake	SA539988V	539988	Test and Computations per 14CFR § 21.303, Dwg. SA539988V, Rev. none, dated: 01/18/95 or later FAA approved revisions.	Teledyne Continental Motors	O-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB LTSIO-520-AE TSIO-470-B1, -B2, -B3, -C, -D TSIO-520-AE, -AF, -B, -BB, -BE, -C, -CE, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -LB, -M, -N, -NB, -P, - R, -T, -U, -UB, -VB, -WB O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -R, -S, -U IO-470-C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -U, -V IO-550-A, -B, -C, -D, -E, -F, -G, -L IO-346 O-470-B, -13, -13A, -4

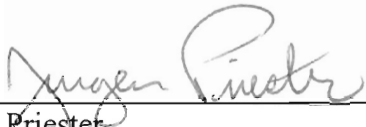
PMA No. PQ0060SW Supplement No. 147 Revision No. 1

PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Nut	SA652541	652541	Test and Computations per 14CFR § 21.303, Dwg. SA652541, Rev. none, dated: 04/07/94 or later FAA approved revisions.	Teledyne Continental Motors	GTSIO-520-C, -D, -F, -H, -K, -L, -M, -N IO-470-C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -U, -V IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB IO-550-A, -B, -C, -G LTSIO-520-AE O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -R, -S, -U 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

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

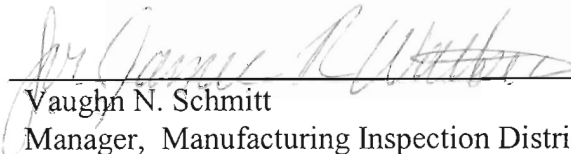
PMA No. PQ0060SW Supplement No. 147 Revision No. 1

NOTE: Minor design changes (reference 14 CFR part 21 §§ 21.93 and 21.95) must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR part 21 §§ 21.93 and 21.97) to drawings and specifications are to be handled in the same manner as that for an original FAA-PMA.



Jurgen Priester
Project Engineer, Special Certification Office,
ASW-190

2-4-2002
Date



Vaughn N. Schmitt
Manager, Manufacturing Inspection District Office,
SW MIDO-42

2/4/02
Date

This Supplement is an attachment to your FAA-PMA approval letter dated: January 26, 1994