

FAA - PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

**SUPERIOR AIR PARTS, INC.
621 South Royal Lane, Suite 100
Coppell, Texas 75019**

**PMA No. PQ0060SW
Supplement No. 187
Revision No.
Project No. PM7980SC-E**

PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Cylinder Stud Assembly	SA52006-A1	654962, 653446, 646657, 654961, 649358	Test and Computation per 14CFR § 21.303, Drawing SA52006-A1, Revision B, dated 05/10/05, or later FAA approved revisions.	Teledyne Continental Motors	IO-520-A, -B, -BA, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -BB, -MB TSIO-520-AF, -B, -BB, -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
Cylinder Assembly	SA52006-A20P	654961A2	Test and Computation per 14CFR § 21.303, Drawing SA52006, Revision A, dated 03/24/05, or later FAA approved revisions.	Teledyne Continental Motors	IO-520-A, -B, -BA, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -BB, -MB
Cylinder Assembly	SA52006-A21P	654961A2	Test and Computation per 14CFR § 21.303, Drawing SA52006, Revision A, dated 03/24/05, or later FAA approved revisions.	Teledyne Continental Motors	IO-520-A, -B, -BA, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -BB, -MB
Cylinder Assembly	SA52006-A22P	654961A4	Test and Computation per 14CFR § 21.303, Drawing SA52006, Revision A, dated 03/24/05, or later FAA approved revisions.	Teledyne Continental Motors	TSIO-520-AF, -B, -BB, -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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PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Cylinder Power Assembly	SA52006-A23P	654961A6	Test and Computation per 14CFR § 21.303, Drawing SA52006, Revision A, dated 03/24/05, or later FAA approved revisions.	Teledyne Continental Motors	IO-550-A, -B, -C
Cylinder Stud Assembly, Long Reach	SA47006L-A1	654960, 649168	Test and Computation per 14CFR § 21.303, Drawing SA47006L-A1, Revision C, dated 05/11/05, or later FAA approved revisions.	Teledyne Continental Motors	O-470-U IO-470-D, -E, -F, -H, -L, -M, -N, -S, -U, -V
Cylinder Power Assembly, Long Reach	SA47006L-A20P	654960A5, 654960A6	Test and Computation per 14CFR § 21.303, Drawing SA47006L, Revision B, dated 03/24/05, or later FAA approved revisions.	Teledyne Continental Motors	O-470-U IO-470-D, -E, -F, -H, -L, -M, -N, -S, -U, -V
Cylinder Stud Assembly, Short Reach	SA47006S-A1,	654959, 649163	Test and Computation per 14CFR § 21.303, Drawing SA47006S-A1, Revision C, dated 03/11/05 or later FAA approved revisions.	Teledyne Continental Motors	O-470-G, -K, -L, -M, -P, -R, -S IO-470-C, -G, -P, -R
Cylinder Power Assembly, Short Reach	SA47006S-A20P	654959A6	Test and Computation per 14CFR § 21.303, Drawing SA47006L, Revision B, dated 03/24/05, or later FAA approved revisions.	Teledyne Continental Motors	O-470-G, -M, -P IO-470-C, -G, -P, -R
Cylinder Power Assembly, Short Reach	SA47006S-A21P	654959A5	Test and Computation per 14CFR § 21.303, Drawing SA47006L, Revision B, dated 03/24/05, or later FAA approved revisions.	Teledyne Continental Motors	O-470-K, -L, -R, -S

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PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Cylinder Stud Assembly	SA55006-A1,	654963, 652954	Test and Computation per 14CFR § 21.303, Drawing SA55006-A1, Revision B, dated 03/29/05, or later FAA approved revisions.	Teledyne Continental Motors	IO-550-D, -E, -F, -L
Cylinder Power Assembly	SA55006-A21P	654963A3	Test and Computation per 14CFR § 21.303, Drawing SA55006, Revision B, dated 03/24/05, or later FAA approved revisions.	Teledyne Continental Motors	IO-550-D, -E, -F, -L

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

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.


 Fred Stellar,
 Acting Manager, Special Certification Office,
 ASW-190

8-22-2005
 Date


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

8/24/05
 Date

This Supplement is an attachment to your FAA-PMA approval letter dated: August 20, 2002