

FAA - PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

AIRMOTIVE ENGINEERING CORP.
 9503 Middlex
 San Antonio, Texas 78217

PMA No. PQ3SW
 Supplement No. 36
 Revision No. IR
 Date SEP 14 2000
 ACO Project No. PM6254SC-E

PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Bearing, Connecting Rod	AEC530383	Teledyne Continental 530383	Test and Computations per 14 CFR § 21.303. Dwg: AEC530383, Rev. A, Dated: 2-21-00, or later FAA approved revisions	Teledyne Continental	E165-2 E185-1, 3, 8, 9, 11 E225-4, 8 O-470-A, B, E, G, J, K, L, M, P, R, S, T, U IO-470-C, D, E, F, G, H, J, K, L, LO, M, N, P, R, S, T, U, V, VO LIO-470-A
Bearing, Crankshaft, Main	AEC530386	Teledyne Continental 530386	Test and Computations per 14 CFR § 21.303. Dwg: AEC530386, Rev. A, Dated: 2-22-00, or later FAA approved revisions	Teledyne Continental	E165-2 E185-1, 3, 8, 9, 11 E225-4, 8 O-470-A, B, E, G, J, K, L, M, P, R, S, U IO-470-C, D, E, F, G, H, L, M, N, P, R, S, T, U, V, VO LIO-470-A TSIO-470-B, C, D IO520-A, B, C, D, E, F, J, K, L, M, N GTSIO-520-C, D, F, H, K, L, M, N

PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Bearing, Connecting Rod	AEC630826	Teledyne Continental 630826	Test and Computations per 14 CFR § 21.303. Dwg: AEC630826, Rev. A, Dated: 2-22-00, or later FAA approved revisions	Teledyne Continental	IO-346A O-470-A, B, E, G, J, K, L, M, P, R, S, U IO-470-C, D, E, F, G, H, L, M, N, P, R, S, T, U, V, VO LIO-470-A TSIO-470-B, C, D IO520-A, B, BA, C, D, E, F, J, K, L, M, N TSIO-520-A, AE, AF, B, BA, C, D, E, F, G, H, J, K, L, M, N, P, R, T, U LTSIO-520-AE GTSIO-520-C, D, F, H, K, L, M, N
Bearing, Thrust	AEC633141	Teledyne Continental 633141	Test and Computations per 14 CFR § 21.303. Dwg: AEC633141, Rev. B, Dated: 2-11-00, or later FAA approved revisions	Teledyne Continental	A65-8, 8F, 8FJ, 8J, 9, 9F, 9FJ, 9J, 12, 12F, 12FJ, 12J, 14, 14F, 14FJ, 14J A75-8, 8F, 8J, 8FJ, 9, 9J C75-8, 8F, 8FH, 8FHJ, 8FJ, 8J, 12, 12B, 12BF, 12BFH, 12F, 12FH, 12FHJ, 15, 15F, FJ, J C85-8, 8F, FHJ, 8FJ, 8J, 12, 12F, 12FH, 12FHJ, 12FJ, 12J, 14F, 15, 15F C90-8F, FJ, 12F, 12FH, 12FJ, 12FP, 14F, 14FH, 14FJ, 14FP, 16F

PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Bearing, Main, Crankshaft	AEC634503	Teledyne Continental 634503	Test and Computations per 14 CFR § 21.303. Dwg: AEC634503, Rev. IR, Dated: 2-22-00, or later FAA approved revisions	Teledyne Continental	<p>O-200-A, B, C</p> <p>IO-520- BA, BB, CB, MB, NB</p> <p>TSIO-520-AE, AF, B, BA, BB, BE, CE, JB, KB, LB, MB, NB, UB, VB, WB</p> <p>GTSIO-520-C, D, F, H, K, L, M, N</p> <p>IO-550-D, E, F, G, L</p> <p>TSIO-550-A, B</p> <p>TSIOL-550-A</p>
Bearing, Connecting Rod	AEC639640	Teledyne Continental 35897 639640	Test and Computations per 14 CFR § 21.303. Dwg: AEC639640, Rev. IR, Dated: 2-11-00, or later FAA approved revisions	Teledyne Continental	<p>A65-8, 8F, 8FJ, 8J, 9, 9F, 9FJ, 9J, 12, 12F, 12FJ, 12J, 14, 14F, 14FJ, 14J</p> <p>A75-8, 8F, 8J, 8FJ, 9, 9J</p> <p>C75-8, 8F, 8FH, 8FHJ, 8FJ, 8J, 12, 12B, 12BF, 12BFH, 12F, 12FH, 12FHJ, 15, 15F, FJ, J</p> <p>C85-8, 8F, FHJ, 8FJ, 8J, 12, 12F, 12FH, 12FHJ, 12FJ, 12J, 14F, 15, 15F</p> <p>C90-8F, FJ, 12F, 12FH, 12FJ, 12FP, 14F, 14FH, 14FJ, 14FP, 16F</p> <p>C125-1, 2</p> <p>C145-2, 2H, 2HP</p> <p>O-200-A, B, C</p>

PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
					O-300- A, B, C, D, E
					GO-300-A, GO-300-B,C, D, E, F
					IO-360-A, AB, C, CB, D, DB, G, GB, H, HB, J, JB, K, KB
					TSIO-360-A, AB, C, C, CB, D, DB, E, EB, F, FB, G, GB, H, HB, JB, KB, LB, MB
					LTSIO-360-E, EB
Bearing, Connecting Rod	AEC642398	Teledyne Continental 642398	Test and Computations per 14 CFR § 21.303. Dwg: AEC642398, Rev. A, Dated: 2-23-00, or later FAA approved revisions	Teledyne Continental	IO-520- BA, BB, CB, MB, NB
					TSIO-520-AE, AF, B, BA, BB, BE, CE, JB, KB, LB, MB, NB, UB, VB, WB
					IO-550-D, E, F, G, L
					TSIO-550-A, B
					TSIOL-550-A

PMA No. PQ3SW Supplement No. 36 Revision No. IR Date SEP 14 2000

PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Bearing, Crankshaft, Main	AEC642720	Teledyne Continental 642720	Test and Computations per 14 CFR § 21.303. Dwg: AEC642720, Rev. IR, Dated: 11-12-99, or later FAA approved revisions	Teledyne Continental	O-470-A, B, E, G, J, K, L, M, P, R, S, U IO-470-C, D, E, F, G, H, L, M, N, P, R, S, T, U, V, VO LIO-470-A TSIO-470-B, C, D IO-520-A, B, BA, BB, C, CB, D, E, F, J, K, L, M, MB, N, NB TSIO-520-A, AE, AF, B, BA, BB, BE, C, CB, D, E, F, G, H, J, JB, K, KB, L, LB, M, MB, N, NB, P, R, T, U, UB, VB, WB GTSIO-520-C, D, F, H, K, L, M, N IO-550-D, E, F, G, L TSIO-550-A, B TSIOL-550-A
Bearing-Thrust	AEC646288	Teledyne Continental 646288	Test and Computations per 14 CFR § 21.303. Dwg: AEC646288, Rev. IR, Dated: 1-27-00, or later FAA approved revisions	Teledyne Continental	IO-346-A IO-360-A, AB, C, CB, D, DB, G, GB, H, HB, J, JB, K, KB TSIO-360-A, AB, C, C, CB, D, DB, E, EB, F, FB, G, GB, H, HB, JB, KB, LB, MB LTSIO-360-E, EB

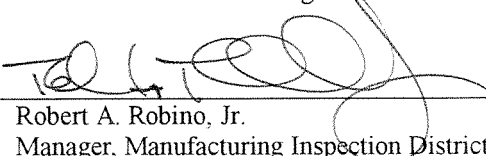
PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
					O-470-A, B, E, G, J, K, L, M, P, R, S, U
					IO-470-C, D, E, F, G, H, L, M, N, P, R, S, T, U, V, VO
					LIO-470-A
					TSIO-470-B, C, D
					IO-520-A, B, BA, BB, C, CB, D, E, F, J, K, L, M, MB, N, NB
					TSIO-520-A, AE, AF, B, BA, BB, BE, C, CB, CE, D, E, F, G, H, J, JB, K, KB, L, LB, M, MB, N, NB, P, R, T, U, UB, VB, WB
					IO-550-D, E, F, G, L
					TSIO-550-A, B
					TSIOL-550-A

-----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.


 Richard D. Karanian
 Project Engineer, Special Certification Office,
 ASW-190


 Date


 Robert A. Robino, Jr.
 Manager, Manufacturing Inspection District Office,
 SW MIDO-43

SEP 14 2000
 Date

This Supplement is an attachment to your FAA-PMA approval letter dated: 3/31/83.