

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL SUPPLEMENT

Airmotive Engineering Corporation
9503 Middlex
San Antonio, Texas 78217

PMA No. PQ0003
Supplement No. 34
Revision No. 1
Project No.
Date 12/24/08

PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBERS	APPROVAL AND APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Bushing, Damper	AEC350998	Teledyne Continental 350998	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> AEC350998 <u>Rev:</u> D <u>Date:</u> 01-25-06, or later FAA approved revisions.	Continental	E-165-2 E-185-1, 3, 8, 9, 11 E-225-4, 8 O-470-A, B, C, E, F, G, J, K, L, M, N, P, R, S, U IO-470-C, D, E, F, G, H, J, K, L, M, N, P, R, S, U, V TSIO-470-B, C, D IO-520-A, B, BA, BB, C, CB, D, E, F, J, K, L, M, MB, P 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, B39, C, C31, D, E, F, G, L, M, N, P, R TSIO-550-A, B, C, E, G TSIOL-550-A, B, C
Bushing, Counterweight	AEC639193 (and oversizes up to .010)	Teledyne Continental 639193	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> AEC639193 <u>Rev:</u> E <u>Date:</u> 01-25-06, or later FAA approved revisions.	Continental	O-470-A, B, C, E, F, G, J, K, L, M, N, P, R, S, U IO-470-C, D, E, F, G, H, J, K, L, M, N, P, R, S, U, V TSIO-470-B, C, D IO-520-A, B, BA, BB, BE, C, CB, D, E, F, J, K, L, M, MB, P TSIO-520-AF, AE, 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 LIO-520-P LTSIO-520-AE IO-550-A, B, B39, C, C31, D, E, F, G, L, N, P, R TSIO-550-A, B, C, E, G TSIOL-550-A, B, C
Pin, Counterweight	AEC643626-101	Teledyne Continental 643626-101	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> AEC643626 <u>Rev:</u> D <u>Date:</u> 01-25-06, or later FAA approved revisions.	Continental	E-165-2 E-185-1, 3, 8, 9, 11 E-225-4, 8 O-470-A, C, E, F, J, K, L, M, N, R, S IO-470-C, D, E, F, G, H, J, K, L, M, N, S, U, V TSIO-470-B, C, D IO-520-A, BA, D, E, F, J, K, L, M TSIO-520-AF, B, C, D, E, G, H, J, K, L, N, T

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Pin, Counterweight	AEC643626-103	Teledyne Continental 643626-103	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> AEC643626 <u>Rev:</u> D <u>Date:</u> 01-25-06, or later FAA approved revisions.	Continental	TSIO-470-D IO-520-A, B, BA, BB, C, CB, D, E, F, J, K, L, M, MB TSIO-520-B, BB, BE, C, CE, D, DB, E, EB, G, H, J, JB, K, KB, L, LB, N, NB, T, UB, VB, WB IO-550-A, B, B39, C, C31, D, E, F, G, L, N, P, R TSIO-550-A, B, C, E, G TSIOL-A, B, C
Pin, Counterweight	AEC643626-104	Teledyne Continental 643626-104	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> AEC643626 <u>Rev:</u> D <u>Date:</u> 01-25-06, or later FAA approved revisions.	Continental	O-470-A,E J, R, S, U IO-470-J, K, L, U, V TSIO-470-D IO-520-A, B, BB, C, CB, D, E F, J, K, L, M, MB LIO-520-P TSIO-520-B, BB, BE, CE, D, DB, E, EB, J, JB, K, KB, L, LB, N, NB, UB, VB, WB GTSIO-520-C, D, H, F, K, L, M, N LTSIO-520-AE IO-550-A, B, B39, C, C31 D, E, F, G, L, N, P, R IOF-550-B, C, D, E, F, G, L, N, P, R GIO-550-A TSIO-550-A, B, C, E, G TSIOF-550-C, E
Pin, Counterweight	AEC643626-105	Teledyne Continental 643626-105	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> AEC643626 <u>Rev:</u> D <u>Date:</u> 01-25-06, or later FAA approved revisions.	Continental	O-470-B, G, N IO-520-BB, CB, MB, P TSIO-520-AE, BB, BD, BE, CE, EB, JB, KB, LB, NB, UB, VB, WB LIO-520-P LTSIO-520-AE IO-550-A, B, B39, C, C31, D, E, F, G, L, M, N, P, R TSIO-550-A, B, C, E, G TSIOL-550-A, B, C

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Pin, Counterweight	AEC643626-106	Teledyne Continental 643626-106	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> AEC643626 <u>Rev:</u> D <u>Date:</u> 01-25-06, or later FAA approved revisions.	Continental	O-470-U IO-470-U,V TSIOL-A, B, C
Bushing, Rocker	AEC652129	Teledyne Continental 652129	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> AEC652129 <u>Rev:</u> C <u>Date:</u> 03-22-05, or later FAA approved revisions.	Continental	O-470-B, G, K, L, M, P, R, S, U IO-470-C, D, E, F, G, H, L, M, N, P, R, S, U, V IO-520-A, B, BA, BB, BE, C, CB, D, E, F, J, K, L, M, MB TSIO-520-AF, B, C, CE D, E, G, H, J, K, L, M, N, P, R, T, UB, VB, WB GTSIO-520-C, D, F, H, K, L, M, N IO-550-B39, D, C31, E, F, G, L TSIOL-550-A, B
Bearing, Starter Drive	AEC630899	Teledyne Continental 630899	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> AEC630899 <u>Rev:</u> A <u>Date:</u> 01-10-00, or later FAA approved revisions.	Continental	IO-346-A IO-520-BA, BB, C, CB, M, MB TSIO-520-B, BB, BE, D, DB, E, EB, J, JB, K, KB, L, LB, N, NB, UB, VB, WB IO-550-A, B, B39, C, C31, G, N, P, R TSIO-550-A, B, C, E, G TSIOL-550-A, B, C

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Dowel, Universal Locating	AEC531548	Teledyne Continental 531548	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> AEC531548 <u>Rev:</u> E <u>Date:</u> 09-28-00, or later FAA approved revisions.	Continental	O-470,-A, B, E, G, J, K, L, M, P, R, S, U IO-470-C, D, E, F, G, H, K, L, M, N, P, R, S, U, V TSIO-470-B, C, D TSIO-520-AE, AF, C, G, H, M, P, R, T GTSIO-520-C, D, F, H, K, L, M, N IO-550-D, E, F, L
Dowel, Universal Locating	AEC531548-1	Teledyne Continental 531548-1	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> AEC531548 <u>Rev:</u> E <u>Date:</u> 09-28-00, or later FAA approved revisions.	Continental	Same as listed above
Dowel, Universal Locating	AEC531548-2	Teledyne Continental 531548-2	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> AEC531548 <u>Rev:</u> E <u>Date:</u> 09-28-00, or later FAA approved revisions.	Continental	Same as listed above

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.



Ford J. Lauer III
 Manager, San Antonio
 Manufacturing Inspection District Office

Date 12/24/08