

FAA-PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

AIRMOTIVE ENGINEERING CORP.
9503 Middlex
San Antonio, Texas 78217

PMA No. PQ3SW
Supplement No. 32
Revision No.

PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	INSTALLATION ELIGIBILITY (MAKE)	INSTALLATION ELIGIBILITY (MODEL)
Bushing, Rocker Shaft Boss	AEC22949	Teledyne Continental P/N 22949	Test and Computations per 14 CFR § 21.303. Dwg: AEC22949 Rev. B Dated: 12-7-98, 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 C125-1, 2 C145-2, 2H, 2HP O-200- A, B, C O-300- A, B, C, D, E GO-300-A, GO-300-B,C, D, E, F

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Retainer, Valve Spring, Intake	AEC24026	Teledyne Continental P/N 24026	Test and Computations per 14 CFR § 21.303. Dwg: AEC24026 Rev. B Dated: 12-7-98, or later FAA approved revisions	Teledyne Continental	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 C125-1, 2 C145-2, 2H, 2HP O-200- A, B, C 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

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Retainer, Valve Spring, Exhaust	AEC24044	Teledyne Continental 24044	Test and Computations per 14 CFR § 21.303. Dwg: AEC24044 Rev. B Dated: 12-7-98, or later FAA approved revisions	Teledyne Continental	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 C125-1, 2 C145-2, 2H, 2HP O-200- A, B, C O-300- A, B, C, D, E GO-300-A, GO-300-B,C, D, E, F
Spring, Intermediate Valve	AEC24029	Teledyne Continental 24029	Test and Computations per 14 CFR § 21.303. Dwg: AEC24029 Rev. IR Dated: 8-26-99, or later FAA approved revisions	Teledyne Continental	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

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Spring, Intermediate Valve	AEC24029	Teledyne Continental 24029	Test and Computations per 14 CFR § 21.303. Dwg: AEC24029 Rev. IR Dated: 8-26-99, or later FAA approved revisions	Teledyne Continental	C125-1, 2 C145-2, 2H, 2HP O-200- A, B, C O-300- A, B, C, D, E
Spring, Valve Outer	AEC24030	Teledyne Continental 24030	Test and Computations per 14 CFR § 21.303. Dwg: AEC24030 Rev. IR Dated: 8-26-99, or later FAA approved revisions	Teledyne Continental	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
Spring, Valve Inner	AEC24031	Teledyne Continental 24031	Test and Computations per 14 CFR § 21.303. Dwg: AEC24031 Rev. IR Dated: 8-26-99, or later FAA approved revisions	Teledyne Continental	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 C125-1, 2 C145-2, 2H, 2HP

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Spring, Valve Inner	AEC24031	Teledyne Continental 24031	Test and Computations per 14 CFR § 21.303. Dwg: AEC24031 Rev. IR Dated: 8-26-99, or later FAA approved revisions	Teledyne Continental	O-200- A, B, C O-300- A, B, C, D, E
Spring,-Valve Outer	AEC637837	Teledyne Continental 637837	Test and Computations per 14 CFR § 21.303. Dwg: AEC637837 Rev. IR, Dated: 8-26-99, 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 IO520- 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-A, B, C, D, E, F, L TSIO-550-A, B TSIOL-550-A

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Spring-Valve Inner	AEC631521	Teledyne Continental	Test and Computations per 14 CFR § 21.303. Dwg: AEC631521 Rev. B, Dated: 4-12-91, 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 IO520- 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-A, B, C, D, E, F, L TSIO-550-A, B TSIOL-550-A
Spring, Outer Valve	AEC625958	Teledyne Continental 625958	Test and Computations per 14 CFR § 21.303. Dwg: AEC625958 Rev. IR, Dated: 8-26-99, or later FAA approved revisions	Teledyne Continental	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

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Spring, Outer Valve	AEC625958	Teledyne Continental 625958	Test and Computations per 14 CFR § 21.303. Dwg: AEC625958 Rev. IR, Dated: 8-26-99, or later FAA approved revisions	Teledyne Continental	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 C125-1, 2 C145-2, 2H, 2HP O-200- A, B, C O-300- A, B, C, D, E GO-300-A, B,C, D, E, F
Spring, Valve, Inner	AEC625957	Teledyne Continental P/N 625957	Test and Computations per 14 CFR § 21.303. Dwg: AEC625957 Rev. IR, Dated: 8-26-99, or later FAA approved revisions		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

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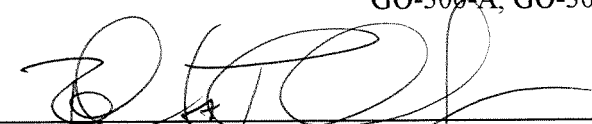
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Spring, Valve, Inner	AEC625957	Teledyne Continental P/N 625957	Test and Computations per 14 CFR § 21.303. Dwg: AEC625957 Rev. IR, Dated: 8-26-99, or later FAA approved revisions		C75-8, 8F, 8FH, 8FHJ, 8FJ, 8J, 12, 12B, 12BF, 12BFH, 12F, 12FH, 12FHJ, 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 C125-1, 2 C145-2, 2H, 2HP O-200- A, B, C O-300- A, B, C, D, E GO-300-A, GO-300-B,C, D, E, F


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

09/30/99
 Date


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

12/10/99
 Date

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