

FAA - PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

AIRMOTIVE ENGINEERING CORP.
 9503 Middlex
 San Antonio, Texas 78217

PMA No. **PQ3SW**
 Supplement No. **38**
 Revision No. **IR**
 Date **MAY 08 2001**
 ACO Project No. **PM6382SC-E**

PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Stud, 5/16 x 1-7/8 Long	AEC401814	Teledyne Continental 401814	Test and Computations per 14 CFR § 21.303. Dwg: AEC401814, Rev. B, Dated: 2-11-00, or later FAA approved revisions	Teledyne Continental	GO-300-A, C, D, E IO-360-A, AB, C, CB, D, DB, G, GB, H, HB, HB9, J, JB, K, KB, ES TSIO-360-A, AB, B, C, CB, D, DB, E, EB, F, FB, GB, H, HB, JB, KB, LB, MB LTSIO-360-E, EB, KB O-470-A, B, E, G, J, K, L, M, P, R, S IO-470-C, D, E, F, G, H, J, K, L, M, N, P, R, S, U, V TSIO-470-B1, B2, B3, C, D IO-520-A, B, BA, BB, C, CB, D, E, F, J, K, L, M, MB TSIO-520-B, BB, BE, D, DB, E, EB, J, JB, K, KB, L, LB, N, NB, U, UB, VB, WB GTSIO-520-C, D, F, H, K, L, M, N TSIOL-550A
Stud, 3/8 x 1-5/16	AEC401842	Teledyne Continental 401842	Test and Computations per 14 CFR § 21.303. Dwg:	Teledyne Continental	IO-520-C, CB

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PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Stud, 5/16 x 1-9/16 Long	AEC401860	Teledyne Continental 401860	AEC401842, Rev. IR, Dated: 2-14-00, or later FAA approved revisions Test and Computations per 14 CFR § 21.303. Dwg: AEC401860, Rev. A, Dated: 2-2-00, or later FAA approved revisions	Teledyne Continental	O-470-G, P IO-470-C, H, J, K, N TSIO-470-B2, B3, C, D, E IO-520-B, BA, BB, M, MB TSIO-520-B, BB, E, EB, J, JB, K, KB, N, NB, VB TSIOL-550-A
Stud, 5/16 x 1-3/4 Long	AEC401861	Teledyne Continental 401861	Test and Computations per 14 CFR § 21.303. Dwg: AEC401861, Rev. B, Dated: 2-11-00, or later FAA approved revisions	Teledyne Continental	IO-360-A, AB, C, CB, D, DB, G, GB, H, HB, HB9, J, JB, K, KB, ES TSIO-360-A, AB, B, C, CB, D, DEB, E, EB, F, FB, GB, H, HB, JB, KB, LB LTSIO-360-E, EB, KB O-470-A, B, E, J, K, L, M, R,S IO-470-D, E, F, G, L, M, P, R, S, U, V TSIO-470-A, B, C, D, E TSIO-520- BE, L, LB, WB

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PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Stud, 3/8 x 3-7/8 Long	AEC401873	Teledyne Continental 401873	Test and Computations per 14 CFR § 21.303. Dwg: AEC401873, Rev. B, Dated: 2-11-00, or later FAA approved revisions	Teledyne Continental	GTSIO-520-D, F, H, K, L, M, N IO-520-M, MB TSIO-520-AE, B, BB, BE, E, EB, J, JB, K, KB, L, LB, N, NB, VB, WB LTSIO-520-AE TSIOL-550-A
Stud, 3/8 x 3-1/2 Long	AEC401927	Teledyne Continental 401927	Test and Computations per 14 CFR § 21.303. Dwg: AEC401927, Rev. B, Dated: 2-14-00, or later FAA approved revisions	Teledyne Continental	IO-346A IO-520-B, BA, BB, C, CB, M, MB TSIO-520B, BB, BE, D, DB, E, EB, J, JB, K, KB, L, LB, N, NB, U, UB, VB, WB TSIOL-550-A
Stud, 5/16 x 4-1/8 Long	AEC401932	Teledyne Continental 401932	Test and Computations per 14 CFR § 21.303. Dwg: AEC401932, Rev. C, Dated: 12-11-00, or later FAA approved revisions	Teledyne 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 TSIOL-550-A
Stud, 1/4 x 3-7/8 Long	AEC401936	Teledyne Continental 401936	Test and Computations per 14 CFR § 21.303. Dwg: AEC401936, Rev. B, Dated: 2-11-00, or later FAA approved	Teledyne Continental	IO-520-BA, BB, BE, C, CB, M, MB TSIO-520-B, BB, D, DB, E, EB, J, JB, K, KB, L, LB, N, NB, UB, VB, WB

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			revisions		
Stud, 5/16 x 1-5/8 Long	AEC401945	Teledyne Continental 401945	Test and Computations per 14 CFR § 21.303. Dwg: AEC401945, Rev. B, Dated: 2-11-00, or later FAA approved revisions	Teledyne Continental	C-125-2, , C-145-2, -2H, O-300-A, B, C, D IO-360-A, AB, C, CB, D, DB, G, GB, H, HB, J, JB, K, KB TSIO-360-A, AB, B, C, CB, D, DB, H, HB, JB O-470-M IO-470-D, U, V TSIO-520-BE, L, LB, WB
Stud, 5/16 x 4-9/32 Long	AEC401952	Teledyne Continental 401952	Test and Computations per 14 CFR § 21.303. Dwg: AEC401952, Rev. B, Dated: 2-11-00, or later FAA approved revisions	Teledyne Continental	TSIO-520-B, BB, BE, D, DB, E, EB, J, JB, K, KB, L, LB, N, NB, UB, VB, WB
Stud, 1/4 x 2-3/16 Long	AEC401962	Teledyne Continental 401962	Test and Computations per 14 CFR § 21.303. Dwg: AEC401962, Rev. A, Dated: 2-14-00 , or later FAA approved revisions	Teledyne 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
Stud, 1/4 x 1 Long	AEC401963	Teledyne Continental 401963	Test and Computations per 14 CFR § 21.303. Dwg: AEC401963, Rev. A, Dated: 2-14-00 , or later FAA approved	Teledyne Continental	A65, A75 O-200 A, B

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			revisions		C-125-2, C-145-2, -2H, O-300-A, B, C, D GO-300A, C IO-360-A, AB, D, DB, H, HB, HB9, J, JB, K, KB, ES IO-346-A O-470-A, E, G, J, K, L, P, R, S IO-470-C, F, H, J, K, M, N TSIO-470-A, B, C, D, E IO-520- A, BA, BB, C, CB, D, E, F, J, K, L, M, MB TSIO-520-AF, B, BB, BE, C, D, DB, E, EB, G, H, J, JB, K, KB, L, LB, M, N, NB, P, R, T, UB, VB, WB GTSIO-520-C, D, F, H, K, L, M, N IO-550-D, E, F, L
Stud, 3/8 x 1-13/32	AEC401965	Teledyne Continental 401965	Test and Computations per 14 CFR § 21.303. Dwg: AEC401965, Rev. A, Dated: 2-14-00, or later FAA approved revisions	Teledyne Continental	GO-300 D, E TSIO-470-A, B, C, D, E IO-346-A IO-520-A, BA, BB, C, CB, D, E, F, J, K, L,

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					M, MB TSIO-520-B, BB, BE, C, D, DB, E, EB, G, H, J, JB, K, KB, L, LB, M, N, NB, P, R, T, AF, AE, UB, VB, WB GTSIO-520-C
Stud, 1/4-20 x 4-17/32 Long	AEC401968	Teledyne Continental 401968	Test and Computations per 14 CFR § 21.303. Dwg: AEC401968, Rev. A, Dated: 2-14-00, or later FAA approved revisions	Teledyne Continental	TSIO-520-D, DB, U, UB
Stud, 3/8 x 4-3/8 Long	AEC401972	Teledyne Continental 401972	Test and Computations per 14 CFR § 21.303. Dwg: AEC401972, Rev. IR, Dated: 12-16-00, or later FAA approved revisions	Teledyne Continental	LTSIO-520-AE GTSIO-520-C, D, F, H, K, L, M, N
Stud, 5/16 x 1-9/16 Long	AEC401975	Teledyne Continental 401975	Test and Computations per 14 CFR § 21.303. Dwg: AEC401975, Rev. A, Dated: 2-14-00, or later FAA approved revisions	Teledyne Continental	C75, C85, C90, O-200-A, B TSIO-520-B, BB, BE, E, EB, J, JB, K, KB, N, NB, VB
Stud, 3/8 x 2-3/32	AEC401977	Teledyne Continental 401977	Test and Computations per 14 CFR § 21.303. Dwg: AEC401977, Rev. A, Dated: 2-14-00, or later FAA approved revisions	Teledyne Continental	IO-346-A IO-520-C, CB, M, MB TSIO-520-AE, B, BB, BE, E, EB, J, JB, K, KB, L, LB, N, NB, UB, VB, WB

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					GTSIO-520-C, D, F, H, K, L, M, N
Stud, 5/16 x 6 Long	AEC402034	Teledyne Continental 402034	Test and Computations per 14 CFR § 21.303. Dwg: AEC402034, Rev. A, Dated: 2-14-00, or later FAA approved revisions	Teledyne Continental	IO-520-BA, BB, M, MB TSIO-520-B, BB, BE, D, DB, E, EB, J, JB, K, KB, NB, UB, VB
Stud, 5/16 x 1-3/8 Long	AEC402044	Teledyne Continental 402044	Test and Computations per 14 CFR § 21.303. Dwg: AEC402044, Rev. A, Dated: 2-14-00, or later FAA approved revisions	Teledyne Continental	C75, C85, C90, O-200-A, B C-125-2, C-145-2, 2H, O-300-A, B, C, D IO-360-A, AB, D, DB, H, HB, HB9, J, JB, K, KB, ES TSIO-360-A, AB, B, C, CB, D, DB, E, EB, F, FB, H, HB, JB, KB, LB, MB TSIO-520-AF, B, BB, BE, C, CE, E, EB, G, H, J, JB, K, KB, L, LB, M, N, NB, P, R, VB, WB
Stud, 3/8 X 1-9/16 Long	AEC402127	Teledyne Continental 402127	Test and Computations per 14 CFR § 21.303. Dwg: AEC402127, Rev. A, Dated: 2-14-00, or later FAA approved revisions	Teledyne Continental	O-300D IO-520-A, B, BA, BB, C, CB, D, E, F, J, K, L, M, MB TSIO-520-B, BB, BE, C, D, DB, E, EB, J, JB, K, KB, N, NB, G, H, M, P, R, T, AE, AF, UB, VB, WB GTSIO-520-C, D, F, H, K, L, M, N

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					IO-550-D, E, F, L
Stud, 3/8 x 1-5/16	AEC402153	Teledyne Continental 402153	Test and Computations per 14 CFR § 21.303. Dwg: AEC402153, Rev. IR, Dated: 2-14-00, or later FAA approved revisions	Teledyne Continental	IO-346-A O-470-E, P TSIO-470-A, B, C, D, E TSIO-520-D
Stud, 1/4 x 4-7/64 Long	AEC402159	Teledyne Continental 402159	Test and Computations per 14 CFR § 21.303. Dwg: AEC402159, Rev. IR, Dated: 5-4-00, or later FAA approved revisions	Teledyne Continental	TSIO-470-B, C, D IO-520-A,D, E, F, J, K, L TSIO-520-AE, AF, C, G, H, M, P, R, T IO-550-D, E, F, L
Stud, 5/16 x 4-23/32 Long	AEC402359	Teledyne Continental 402359	Test and Computations per 14 CFR § 21.303. Dwg: AEC402359, Rev. A, Dated: 2-14-00, or later FAA approved revisions	Teledyne Continental	IO-520-MB TSIO-520-B, BB, BE, D, DB, E, EB, J, JB, K, KB, L, LB, N, NB, UB, VB, WB
Stud, 5/16 x 6-3/8 Long	AEC404584	Teledyne Continental 404584	Test and Computations per 14 CFR § 21.303. Dwg: AEC404584, Rev. A, Dated: 2-14-00, or later FAA approved revisions	Teledyne Continental	IO-550-L TSIO-520-AF, BE, CE, L, LB, WB

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

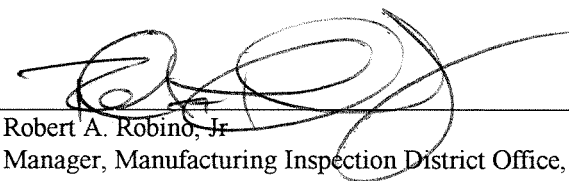
NOTE: Minor design changes (reference 14 CFR part 21 §§ 21.93 and 21.95) must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR part 21 §§ 21.93 and 21.97) to drawings and specifications are to be handled in the same manner as that for an original FAA-PMA.

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

02/22/01
Date


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

5-4-01
Date

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