

FAA-PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

Airmotive Engineering Corp.
9503 Middlex
San Antonio, Texas 78217

PMA No.
Supplement No.
Revision No.
Date
ACO Project No.


PQ0003SW
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IR
MAY 17 2004
PM7643SC-E

PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS AND DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Cylinder Assy	AEC654966	654966 654965 654656 654655 654654 653454 653453 653452 653123 653122 653119 649329 649316 649315 646102 646101 646100 643985 642345 642344 642343 641369 639053 636696 636695 632953 632482	Test and Computations per 14CFR §21.303, Dwg. No. AEC654966, Rev. A, dated 5-01-03, or later FAA-approved revisions.	Continental	TSIO-520-BE GTSIO-520-C, D, E, F, H, K, L, M, N IO-550-G, N, P, R IOF-550-N, P, R TSIO-550-B, C, E See service instruction 03-8 for details of installation.
Housing, Pushrod	AEC632485	632485	Test and Computations per 14CFR §21.303, Dwg. No. AEC632485, Rev. IR, dated 6-19-02, or later FAA-approved revisions.	Continental	Same eligibility as AEC654966.
Gear, Alternator Drive	AEC632018	632018 630716	Test and Computations per 14CFR §21.303, Dwg. No. AEC632018, Rev. C, dated 12-4-02, or later FAA-approved revisions.	Continental	IO-346-A, B IO-520-B, BA, BB, C, CB, M, MB, N, NB TSIO-520-B, BB, BE, D, DB, E, EB, J, B, K, KB, L, LB, N, NB, U, UB, VB, WB GTSIO-520-C, D, E, F, H, K, L, M, N IO-550-A, B, C, G, N, P, R IOF-550-B, C, N, P, R TSIO-550-B, C, E TSIOL-550-A, B, C

PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS AND DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Gear Assy, Alternator Clutch, Driven	AEC646655	646655 642362 640934 640933 637565 637564 631121 630995	Test and Computations per 14CFR §21.303, Dwg. No. AEC646655, Rev. IR, dated 11-22-02, or later FAA-approved revisions.	Continental	Same eligibility as AEC632018.
Assembly, Collar, Oil Transfer, Front Drive	AEC629680	629680	Test and Computations per 14CFR §21.303, Dwg. No. AEC629680, Rev. IR, dated 4-16-03, or later FAA-approved revisions.	Continental	IO-520-B, BA, BB, C, CB, M, MB, N, NB TSIO-520-B, BB, BE, D, DB, E, EB, J, JB, K, KB, L, LB, N, NB, U, UB, VB, WB IO-550-A, B, C, G, N, P, R IOF-550-B, C, N, P, R TSIO-550-B, C, E TSIOL-550-A, B, C

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

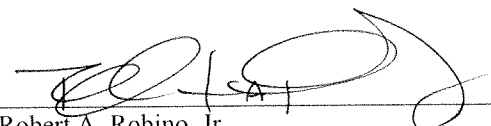
NOTE: Minor design changes (reference 14 CFR part 21 §§ 21.93 and 21.95) must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR part 21 §§ 21.93 and 21.97) to drawings and specifications are to be handled in the same manner as that for an original FAA-PMA.



 S. Frances Cox
 Manager, Special Certification Office
 ASW-190

5/2/04

 Date



 Robert A. Robino, Jr.
 Manager, Manufacturing Inspection District Office
 SW-MIDO-42

5/17/04

 Date

This Supplement is an attachment to your FAA-PMA approval letter dated: March 31, 1983