

FAA - PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

AIRMOTIVE ENGINEERING CORP.
 9503 Middlex
 San Antonio, Texas 78217

PMA No. PQ0003SW
 Supplement No. 45
 Revision No.
 Date JUN 10 2002
 ACO Project No. PM6756SC-E


PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Gear, Crankshaft	AEL19646P005 AEL19646P010 AEL19646P015 AEL19646P020	Alternate Means of Compliance to AD 91-14-22	Tests and Computations: (AMOC Letter from New York ACO dated 3-6-01). Airmotive Engineering Corp. Drawing AEL19646, Rev. L, dated 3-31-00, or later FAA approved revisions.	Lycoming	O-235 -C1, C1B, C1C, C2A, C2C, F2A, F2B, H2C, J2A, K2A, K2B, K2C, L2A, L2C, M1, N2A, N2C O-290 -D, D2, D2A O-320 -A1A, A1B, A2A, A2B, A2C, A2D, A3A, A3B, A3C, B1A, B1B, B2A, B2B, B2C, B3A, B3B, B3C, C1A C1B, C2A, C2B, C2C, C3A, C3B, C3C, D1A, D1B, D1C, D1D, D1F, D2A, D2B, D2C, D2F, D2G, D2H, D2J, D3G, E1A, E1B, E1C, E1F, E1J, E2A, E2B, E2C, E2D, E2E, E2F, E2G, E2H, E3D, E3H IO-320 -A1A, A2A, B1A, B1B, B2A, B1C, B1D, C1A, C1B, D1A, D1B, D1C, E1A, E1B, E2A, E2B, F1A AIO-320 -A1A, A2A, A1B, A2B, B1B, C1B AEIO-320 -D1B, D2B, E1A, E2A, E1B, E2B O-340 -A1A, A1B, A2A, B1A, B2A O-360 -A1A, A1C, A1D, A1F, A1F6, A1G, A1G6, A1H, A1H6, A1J, A2A, A2D, A2E, A2F, A2G, A2H, A3A, A3D, A4A, A4AD, A4D, A4G, A4J, A4K, A4M, A4N, B1A, B2A, B2B, C1A, C1C, C2B, C2C, C2D, C2E, D1A, D2A, D2B, F1A6, G1A6 HO-360 -B1A, B1B IO-360 -A1A, A1B, A1B6, A1C, A1D, A1D6, A2A, A2B, A2C, B1A, B4A. B1B, B1C


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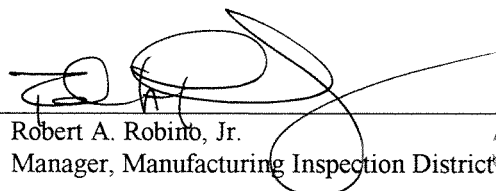
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Gear, Crankshaft	AEL19646P005 AEL19646P010 AEL19646P015 AEL19646P020	Alternate Means of Compliance to AD 91-14-22	Tests and Computations: (AMOC Letter from New York ACO dated 3-6-01). Airmotive Engineering Corp. Drawing AEL19646, Rev. L, dated 3-31-00, or later FAA approved revisions.	Lycoming	IO-360 -B1D, B1E, B1F, B1F6, B2F, B2F6, C1A, C1B, C1C, C1C6, C1D6, C1E6, C1F, D1A, E1A, F1A, K2A AEIO-360 -A1A, A2A, A1B, A2B, A1C, A2C, A1B6, A1D, A1E, B1B, B1D, B1F, B2F, B4A, B1F6, B2F6, B1G6, H1A TIO-360 -A1A, A1B, A3B6 HIO-360 -A1A, B1A, B1B, C1A, C1B, D1A
Gear, Crankshaft	AEL19649P005 AEL19649P010 AEL19649P015 AEL19649P020	Alternate Means of Compliance to AD 91-14-22	Tests and Computations: (AMOC Letter from New York ACO dated 3-6-01) Airmotive Engineering Corp. Drawing AEL19649, Rev. K, dated 10-12-98, or later FAA approved revisions	Lycoming	O-360 -A1AD, A1F6D, A1G6D, A1LD, A4AD, A4JD, A5AD O-540 -H1B5D, H2B5D, J1A5D, J2A5D, J3C5D, L3C5D IO-540 -K1A5D, K1F5D, K1G5D, K1J5D, T4A5D, T4B5D, T4C5D, V4A5D, W3A5D AEIO-540 -L1B5D TIO-540 -F2BD, J2BD, N2BD, R2AD, S1AD LTIO-540 -F2BD, J2BD, N2BD, R2AD

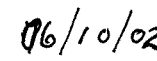
-----End of Listing-----

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, MIDO-43


 Date

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