

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
 60
 IR
JUN 28 2007
 PM7592SC-E

PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS AND DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
O-Ring	AEL12620	LW-12620	Test and Computations per 14CFR §21.303, dwg. No. AEL12620, rev. B, dated 04-16-03 or later FAA-approved revisions.	Lycoming	HIO-360-D1A
O-Ring	AEL15280	LW-15280	Test and Computations per 14CFR §21.303, dwg. No. AEL15280, rev. A, dated 05-05-03, or later FAA-approved revisions.	Lycoming	O-320-H1AD, H1BD, H2AD, H2BD, H3AD, H3BD O-360-E1A6D LO-360-E1A6D TO-360-E1A6D LTO-360-E1A6D
Gasket, Oil Filter Adapter	AEL22778	LW-12795	Test and Computations per 14CFR §21.303, dwg. No. AEL22778, rev. IR, dated 11-05-02, or later FAA-approved revisions.	Lycoming	O-235-C1, C1B, C1C, C2A, C2B, C2C, E1, E1B, E2A, E2B, F1, F1B, F2A, F2B, G1, G1B, G2A, G2B, H2C, J2A, J2B, K2A, K2B, K2C, L2A, L2C, M1, M2C, M3C, N2A, N2C, P1, P2A, P2C, P3C O-290-11, D, D2, D2A, D2B, D2C O-320-no suffix, A1A, A1B, A2A, A2B, A2C, A2D, A3A, A3B, A3C, B1A, B1B, B2A, B2B, B2C, B2D, B2E, 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, E2F, E2G, E3D, E3H IO-320-A1A, A2A, B1A, B1B, B1C, B1D, B1E, B2A, C1A, C1B, D1A, D1B, D1C, E1A, E1B, E2A, E2B, F1A AIO-320-A1A, A1B, A2A, A2B, B1B, C1B LIO-320-B1A, C1A AEIO-320-D1B, D2B, E1A, E1B, E2A, E2B O-340-A1A, A1B, A2A, B1A, B2A O-360-A1A, A1C, A1D, A1F, A1F6, A1G, A1G6, A1H, A1H6, A1P, A2A, A2D, A2E, A2F, A2G, A2H, A3A, A3D, A4A, A4D, A4G, A4J, A4K, A4M, A4N, A4P, B1A, B1B, B2A, B2B, B2C, C1A, C1C, C1E, C1F, C1G, C2A, C2B, C2C, C2D, C2E, C4F, C4P, D1A, D2A, D2B, F1A6, G1A6, J2A HO-360-A1A, B1A, B1B IO-360-A1A, A1B, A1B6, A1C, A1D, A1D6, A2A, A2B, A2C, A3B6, B1A, B1B, B1C,

PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS AND DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
					B1D, B1E, B1F, B1F6, B1G6, B2E, B2F, B2F6, B4A, C1A, C1B, C1C, C1C6, C1D6, C1E6, C1F, C1G6, D1A, E1A, F1A, K2A, L2A, M1A, M1B LO-360-A1H6 VO-360-A1A, A1B, B1A AIO-360-A1A, A1B, A2A, A2B, B1B HIO-360-A1A, A1B, B1A, B1B, C1A, C1B, D1A IVO-360-A1A LIO-360-C1E6 TIO-360-A1A, A1B, A3B6 AEIO-360-A1A, A1B, A1B6, A1C, A1D, A1D6, A1E, A1E6, A2A, A2B, A2C, B1B, B1D, B1E, B1F, B1F6, B1G6, B1H, B2F, B2F6, B4A, H1A, H1B LHIO-360-C1A, C1B O-540-A1A, A1A5, A1B5, A1C5, A1D, A1D5, A2B, A3D5, A4A5, A4B5, A4C5, A4D5, B1A5, B1B5, B1D5, B2A5, B2B5, B2C5, B4A5, B4B5, D1A5, E4A5, E4B5, E4C5, F1A5, F1B5, G1A5, G2A5, H1A5, H2A5, J3A5 IO-540-A1A5, B1A5, B1B5, B1C5, C1B5, C1C5, C2C, C4B5, C4C5, C4D5, D4A5, D4B5, D4C5, E1A5, E1B5, E1C5, G1A5, G1B5, G1C5, G1D5, G1E5, G1F5, J4A5, K1A5, K1B5, K1C5, K1D5, K1E5, K1F5, K1G5, K1H5, K1J5, K1K5, K2A5, L1A5, L1C5, M1A5, M1C5, N1A5, P1A5, R1A5, S1A5, T4B5, V4A5, W1A5, AA1A5, AA1B5, AB1A5, AC1A5, AE1A5 HIO-540-A1A TIO-540-A1A, A1B, A1C, A2A, A2B, A2C, C1A, E1A, G1A, H1A, J2B, U2A, W2A, AF1A, AF1B, AG1A, AH1A, AJ1A, AK1A AEIO-540-D4A5, D4B5, D4C5, D4D5, L1B5, L1D5 LTIO-540-J2B, U2A, W2A TIO-541-A1A, E1A4, E1B4, E1C4, E1D4 IO-720-A1A, A1B, B1A, B1B, C1B, D1B, D1C
O-Ring	AEL62869	62869	Test and Computations per 14CFR §21.303, dwg. No. AEL62869, rev. IR, dated 10-01-02, or later FAA-approved revisions.	Lycoming	O-235-C1, C1B, C1C, C2A, C2B, C2C, E1, E1B, E2A, E2B, F1, F1B, F2A, F2B, G1, G1B, G2A, G2B, H2C, J2A, J2B, K2A, K2B, K2C, L2A, L2C, M1, M2C, M3C, N2A, N2C, P1, P2A, P2C, P3C

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O-Ring	AEL72711	72711	Test and Computations per 14CFR §21.303, dwg. No. AEL72711, rev. A, dated 04-02-03, or later FAA-approved revisions.	Lycoming	IO-540-A1A5, B1A5, B1B5, B1C5, E1A5, E1B5, E1C5, G1A5, G1B5, G1C5, G1D5, G1E5, G1F5, K1A5, K1A5D, K1B5, K1B5D, K1C5, K1D5, K1E5, K1E5D, K1F5, K1F5D, K1G5, K1G5D, K1H5, K1J5, K1J5D, K1K5, L1A5, L1A5D, L1B5D, L1C5, M1A5, M1A5D, M1B5D, M1C5, M2A5D, P1A5, S1A5, U1A5D, U1B5D, AA1A5, AA1B5, AC1A5, AE1A5 TIO-540-A1A, A1B, A1C, A2A, A2B, A2C, F2BD, J2B, J2BD, N2BD, R2AD, S1AD, T2AD, U2A, AE2A, AH1A, AJ1A AEIO-540-L1B5, L1B5D LTIO-540-F2BD, J2B, J2BD, N2BD, R2AD, U2A TIO-541-A1A, E1A4, E1B4, E1C4, E1D4 TIGO-541-D1A, D1B, E1A, G1AD IO-720-A1A, A1B, A1BD, B1A, B1B, B1BD, C1B, C1BD, D1B, D1BD, D1C, D1CD
O-Ring	AEL74712	74712	Test and Computations per 14CFR §21.303, dwg. No. AEL74712, rev. A, dated 12-16-02, or later FAA-approved revisions.	Lycoming	IO-360-A1A, A1B, A1B6, A1B6D, A1C, A1D, A1D6, A1D6D, A2A, A2B, A2C, A3B6, A3B6D, A3D6D, C1A, C1B, C1C, C1C6, C1D6, C1E6, C1E6D, C1F, D1A, J1AD, J1A6D, K2A AIO-360-A1A, A1B, A2A, A2B, B1B HIO-360-A1A, A1B, C1A, C1B, D1A LIO-360-C1E6 TIO-360-A1A, A1B, A3B6 AEIO-360-A1A, A1B, A1B6, A1B6D, A1C, A1D, A1D6, A1E, A1E6, A2A, A2B, A2C, A3B6D LHIO-360-C1A, C1B
O-Ring	AEL77569	77569 74712	Test and Computations per 14CFR §21.303, dwg. No. AEL77569, rev. IR, dated 12-20-99, or later FAA-approved revisions.	Lycoming	IO-360-A1A, A1B, A1B6, A1B6D, A1C, A1D, A1D6, A1D6D, A2A, A2B, A2C, A3B6, A3B6D, A3D6D, C1A, C1B, C1C, C1C6, C1D6, C1E6, C1E6D, C1F, D1A, J1AD, J1A6D, K2A, M1A AIO-360-A1A, A1B, A2A, A2B, B1B HIO-360-A1A, A1B, C1A, C1B LIO-360-C1E6 TIO-360-A1A, A1B, A3B6 AEIO-360-A1A, A1B, A1B6, A1B6D, A1C, A1D, A1D6, A1E, A1E6, A2A, A2B, A2C, A3B6D LHIO-360-C1A, C1B TIO-540-V2AD, W2A LTIO-540-V2AD, W2A

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Gasket, Exhaust Flange	AEC632837	632837 21493	Test and Computations per 14CFR §21.303, dwg. No. AEC632837, rev. B, dated 12-11-03, or later FAA-approved revisions.	Continental	A-65-1, 3, 6, 6J, 7, 8, 8F, 8FJ, 8J, 9, 9F, 9FJ, 9J, 12, 12F, 12FJ, 12J, 14, 14F, 14FJ, 14J A-75-3, 6, 6J, 8, 8F, 8J, 8FJ, 9, 9J C-75-8, 8F, 8FH, 8FHJ, 8FJ, 8J, 12, 12B, 12BF, 12BFH, 12F, 12FH, 12FHJ, 12FJ, 12J, 15, 15F C-85-8, 8F, 8FHJ, 8FJ, 8J, 12, 12F, 12FH, 12FHJ, 12FJ, 12J, 14F, 15, 15F C-90-8F, 8FJ, 12F, 12FH, 12FJ, 12FP, 14F, 14FH, 14FJ, 16F C-115-1, 2 C-125-1, 2 C-145-2, 2H, 2HP E-165-2, 3, 4 E-185-1,2, 3, 5, 8, 9, 10, 11 E-225-2, 4, 8, 9 O-200-A, B, C O-300-A, B, C, D, E GO-300-A, B, C, D, E, F IO-346-A, B O-470-7, 7A, 7B, 11, 11A, 11B, 15, A, E, J IO-470-J, K

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 for

May 24, 2007

Ford Lauer

6/28/07

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

Date

Ford Lauer
Manager, Manufacturing Inspection District
Office, SW-MIDO-43

Date

This Supplement is an attachment to your FAA-PMA approval letter dated: 5/6/05.