

FAA - PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

AIRMOTIVE ENGINEERING CORP.
9503 Middlex
San Antonio, Texas 78217

PMA No. PQ3SW
 Supplement No.
 Revision No. IR
 Date JAN 04 2001
 ACO Project No. PM6467SC-E

PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Bushing Valve Rocker	AEL12588	Lycoming LW12588	Test and Computations per 14 CFR § 21.303. Drawing No: AELW12588 Rev. A Date: 8-10-00 or later FAA approved revision.	Lycoming	IO-540-B1A5, B1C5, E1A5, E1B5, M1A5, W1A5 TIO-540-A1A, A1B, A2A, A2B, A2C, F2BD, J2B, J2BD, N2BD, R2AD, S1AD LTIO-540-F2BD, J2B, J2BD, N2BD, R2AD IGO-540-B1A, B1C IGSO-540-B1A, B1C IO-720-B1B, B1BD, C1B
Bushing Valve Rocker	AEL74389	Lycoming 74389	Test and Computations per 14 CFR § 21.303. Drawing No: AEL74389 Rev: IR Date: 8-18-00 or later FAA approved revisions.	Lycoming	IO-360-A1A, A1B, A1B6, A1B6D, A1C, A1D, A1D6, A2A, A2B, A3B6D AIO-360-A1A, A1B, B1B VO-435-A1E, A1F TVO-435-A1A, B1A, D1A, G1A IO-540-A1A5, AC1A5, B1A5, B1C5, E1A5, E1B5, G1A5, G1B5, G1C5, G1D5, G1E5, G11F5, K1A5, K1B5, K1C5, K1D5, K1E5, M1A5, P1A5 AEIO-540-L1B5 TIO-540-A1A, A1B, A2B, A2C, AE2A, AH1A, AJ1A,

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PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Bushings- Valve Rocker	AEL60398	Lycoming 60398	Test and Computations per 14 CFR § 21.303. Drawing No: AEL60398 Rev: A Date: 10-2-00 or later FAA approved revisions.	Lycoming	<p>F2BD, J2B, J2BD, N2BD, R2AD, S1AD, V2AD, W2A</p> <p>LTIO-540-F2B2, J2B, J2BD, N2BD, R2AD, V2AD</p> <p>IGSO-540-A1A, A1C, A1D, A1E, A1H</p> <p>O-235-CC1, C1B, C1C, C2A, C2C, F2A, F2B, H2C, J2A, K2A, K2B, K2C, L2A, L2C, M1, N2A, N2C, P2A</p> <p>O-290-D, D2, D2B, D2C</p> <p>O-320-A2A, A2B, A2C, A3A, A3B, A3C, B2A, B2B, B2C, B3A, B3B, B3C, D1A, D1B, D1D, D1F, D2A, D2B, D2C, D2G, D2J, D3G, E1A, E1F, E2A, E2B, E2C, E2D, E3D</p> <p>IO-320-B1A, B1C, C1A, D1A, E2A, D1B, E1A, E1B, E2A, E2B</p> <p>LIO-320-B1A, C1A</p> <p>AIO-320-B1B, C1B</p> <p>O-360-A1A, A1AD, A1D, A1F6, A1F6D, A1G6, A1G6D, A1LD, A2A, A2D, D2F, A2G, A3A, A3AD, A4A, A4G, A4J, A4K, A4M, A4N, A5AD, B2A, C1A, C1G, C1F, C2A, C2C, C2E, D2A, F1A6</p> <p>LO-360-A1G6D</p> <p>TO-360-C1A6D</p> <p>VO-360-A1A, A1B, B1A</p>

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					IO-360-C1C
					IVO-360-A1A
					HIO-360-B1A
					AEIO-360-B1G6, H1A
					O-540-B2B5, B2C5, B4B5, E4A5, E4B5, E4C5, G1A5, H1B5D, H2B5D
					IO-540-W1A5D, C4B5, D4A5, T4A5D, T4B5D, C4D5D
Bushing Valve Rocker	AEL74637	Lycoming 74637	Test and Computations per 14 CFR § 21.303. Drawing No: AEL74637 Rev: A Date: 10-2-00 or later FAA approved revisions.	Lycoming	HIO-360-B1A O-340-A1A O-540-A1A, A1A5-A1B5, A1C5, A1D, A1D5, A2B, A3D5, B1A5, B1B5, B2B5, B2C5, B4B5, E4A5, E4B5, E4C5, F1B5, G1A5, G2A5, J1A5, J3A5, A3A5D, A3C5D, L3C5D IO-540-AB1A5, C1B5, C4B5, C4C5, D4A5, C4D5D, J4A5, N1A5, R1A5, T4A5D, T4B5, T4B5D, T4C5D, W1A5, W1A5D, W3A5D TIO-540-AA1AD, AB1AD, AF1A, AG1A, C1A, E1A, G1A, H1A

-----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.

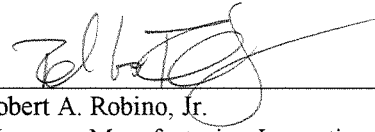
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Richard D. Karanian,
Project Engineer, Special Certification Office,
ASW-190

12/19/00
Date



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

1-4-01
Date

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



U.S. Department
of Transportation
**Federal Aviation
Administration**

Southwest Region
Arkansas, Louisiana,
New Mexico, Oklahoma,
Texas

Manufacturing Inspection District Office #43
10100 Reunion Place, Suite 650
San Antonio, Texas 78216-4164

JAN 04 2001

Mr. Roy Scott
Quality Assurance Manager
Airmotive Engineering Corp.
9503 Middlex
San Antonio, Texas 78217

PMA No. PQ3SW

Dear Mr. Scott:

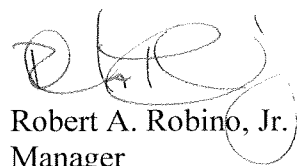
In accordance with the provisions of 14 Code of Federal Regulations (CFR) part 21, Subpart K, we have found that the design data stated in the enclosed Supplement Number 37 submitted by Airmotive Engineering Corporation, with letter dated 1/3/01, meets the airworthiness requirements of the regulations applicable to the products on which the parts are to be installed. Additionally, it has been determined that Airmotive Engineering Corporation has established the fabrication inspection system required by part 21 § 21.303(h) at 9503 Middlex, San Antonio, Texas. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted, with the stipulations stated below, for production of the replacement and/or modification parts listed in the enclosed supplement.

Parts produced by suppliers must be processed in accordance with MPP-8103, Lot Code Procedures for PMA parts and MPP-8111, Procedures for Destructive Testing.

Parts listed on this PMA supplement were not actually conformed or tested during Federal Aviation Administration (FAA) project PM6467SC-E. These parts were approved based on the fact they are similar to items used in other engine testing or by analysis. These parts will require a First Production Article Conformity to be conducted by the FAA. These conformities must be accomplished before the sale of any parts. FAA Form 8120-10 dated 1/3/01, has been issued for this purpose. Mr. Tony Taylor may be delegated by SW-MIDO-43 to perform these conformities.

You are reminded that the provisions of 14 CFR part 21, Subpart K, noted in your PMA letter of approval dated 3/31/83, also apply to the enclosed supplement.

Sincerely,



Robert A. Robino, Jr.
Manager

Enclosure