



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

JUN 15 2005

Mr. Jeff Paust
Director of Quality and Metallurgy
Airmotive Engineering Corporation
9503 Middlex
San Antonio, Texas 78217

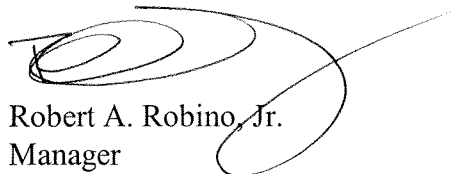
PMA No. PQ0003SW

Dear Mr. Paust:

In accordance with the provisions of 14 Code of Federal Regulations (CFR) part 21, Subpart K, the Federal Aviation Administration has found that the design data stated in the enclosed Supplement Number 58 submitted by Airmotive Engineering Corporation (AEC) with letter dated 5/26/05 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 AEC 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 for production of the replacement and/or modification parts listed in the enclosed supplement.

You are reminded that the provisions of 14 CFR Part 21, Subpart K, noted in your PMA letter of approval dated 5/6/05, also apply to the enclosed supplement.

Sincerely,



Robert A. Robino, Jr.
Manager

Enclosure

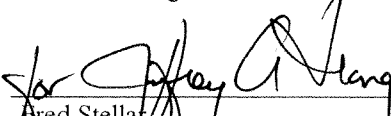
FAA-PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

Airmotive Engineering Corp.	PMA No.	PQ0003SW
a wholly owned subsidiary of Engine Components, Inc.	Supplement No.	58
9503 Middlex	Revision No.	IR
San Antonio, Texas 78217	Date	
	ACO Project No.	PM7599SC-E

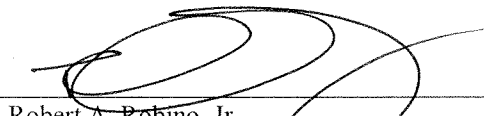
PART NAME	PART NUMBER	APPROVED REPLACEMENT FOR PART NUMBER	APPROVAL BASIS AND DESIGN DATA	MAKE ELIGIBILITY	MODEL ELIGIBILITY
Baffle Assy, Intercylinder Cooling	AEL72569	72569	Test and Computation per 14 CFR § 21.303 Dwg. No: AEL72569 Rev: A Date: 11-18-03 or later FAA approved revisions	Lycoming	O-320-no 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, D1AD, 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, H1A, H1BD, H2AD, H2BD, H3AD, H3BD IO-320-A1A, A2A, B1A, B1B, B1C, B1D, B1E, B2A, C1A, C1B, C1F, D1A, D1AD, 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
Pipe, Intake	AEL74084	74084	Test and Computation per 14 CFR § 21.303 Dwg. No: AEL74084 Rev: IR Date: 08-19-03 or later FAA approved revisions	Lycoming	O-320-A2B, D1A, D1AD, D1B, D1C, D1F, D2A, D2B, D2C, D2F, D2G, D2J, D3G, E1A, E1B, E1C, E1F, E1J, E2A, E2B, E2C, E2D, E2E, E2F, E2H, E3D, E3H IO-320-A1A, A2A, B1E, D1A, D1AD, D1B, D1C AEIO-320-D1B, D2B

-----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.


 Fred Stella
 Acting Manager, Special Certification
 Office, ASW-190

13 MAY 2005
 Date


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

6/15/05
 Date

This Supplement is an attachment to your FAA-PMA approval letter dated: ~~March 31, 1983~~ ^{PM} May 6, 2005