



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

MAY 26 2005

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

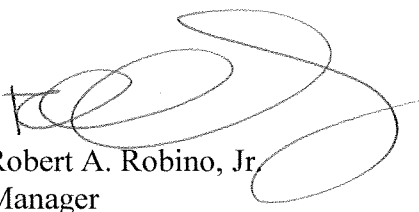
PMA No. PQ0003SW

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 57 submitted by Airmotive Engineering Corporation (AEC) with letter dated 4/14/05, 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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

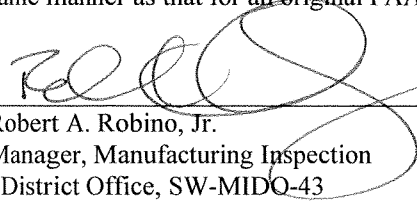
Airmotive Engineering Corp.
9503 Middlex
San Antonio, TX 78217

PMA No. PQ0003SW
Supplement No. 57
Revision No. IR
Date MAY 26 2005

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Guide, Exhaust Valve	AEL11626	Modification Part	STC: SE5791SW Dated: 09-14-84, DWG No: AEL11626 Rev: K Date: 05-01-03, or later FAA approved revisions.	Lycoming	O-235-C1, C1A, C1B, C1C, C2A, C2B, C2C, E1, E1B, E2A, E2B, F1, F1B, F2A, F2B, G1, G1A, G1B, G2A, G2B, H2C, J2A, J2B, K2A, K2B, K2C, L2A, L2C, M1, M2, M2C, M3C, N2A, N2C, P1, P2A, P2C, P3C O-290-11, D, D2, D2A, D2B, D2C O-435-A, A2

-----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.


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

5 | 26 | 05
 Date

This Supplement is an attachment to your FAA-PMA approval letter dated: May 6, 2005